

IPI Journal Publication

2014-2021

Article Publication List

Q1-Q4

Institute of Climate Change

No	Year	Article Title	Journal	Writers	Impact Factor	Quartile
1	2021	A comprehensive review of the site diversity technique in tropical region: evaluation of prediction models using site diversity gain of Greece and India	IEEE Access	Fazdliana Samat, Mandeep Jit Singh, Aduwati Sali, Nasharuddin Zainal	3.745	Q1
2	2021	A dual-band polarization-independent left-handed symmetrical metamaterial for communication system application	Journal of Materials Research and Technology	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	5.289	Q1
3	2021	A multi-split based square split ring resonator for multiband satellite applications with high effective medium ratio	Results In Physics	Air Mohammad Siddiky, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Sabirin Abdullah	4.019	Q1

4	2021	A negative index nonagonal CSRR metamaterial-based compact flexible planar monopole antenna for ultrawideband applications using viscose-wool felt	Polymers	Kabir Hossain, Thennarasan Sabapathy, Muzammil Jusoh, Mahmoud A. Abdelghany, Ping Jack Soh, Mohamed Nasrun Osman, Mohd Najib Mohd Yasin, Hasliza A. Rahim, Samir Salem Al-Bawri	3.426	Q1
5	2021	A novel approach for the reduction of aflatoxin in pistachio nuts using experimental and MCNP simulation	Radiation Physics and Chemistry	Mehdi Hassanpour, Mohammadreza Rezaie, Mohammad Rashed Iqbal Faruque, Mayeen Uddin Khandaker	2.226	Q1
6	2021	Ambient volatile organic compounds in tropical environments: Potential sources, composition and impacts - A review	Chemosphere	Norfazrin Mohd Hanif, Nor Syamimi Sufiera Limi Hawari, Murnira Othman, Haris Hafizal Abd Hamid , Fatimah Ahamad, Royston Uning, Maggie Chel Gee Ooi, Muhammad Ikram A Wahab, Mazrura Sahani, Mohd Talib Latif	5.778	Q1
7	2021	An octa-band planar monopole antenna for portable communication devices	Scientific Reports	Rezaul Azim, Touhidul Alam, Md Sharif Mia, Ali F. Almutairi, Mohammad Tariqul Islam	3.998	Q1
8	2021	Angle insensitive copolarized metamaterial absorber based on equivalent circuit analysis for dual band WiFi applications	Scientific Reports	Saif Hannan, Mohammad Tariqul Islam, Mohammad Rashed Iqbal Faruque, Muhammad E. H. Chowdhury & Farayi Musharavati	3.998	Q1
9	2021	Anthropogenic emissions of atomic chlorine precursors in the Yangtze River Delta region , China	Science of the Total Environment	Yi, Xin, Yin, Sijia, Huang, Ling, Li, Hongli, Wang, Yangjun, Wang, Qian, Chan, Andy, Traoré, Dramane, Ooi, Maggie Chel Gee, Chen, Yonghang, Allen, David T, Li, Li	6.551	Q1
10	2021	Application of life cycle assessment for desalination: Progress, challenges and future directions	Environmental Pollution	Nur Izzah Hamna A. Aziz, Marlia Mohd Hanafiah	6.793	Q1
11	2021	Assessment of Carbon Stock in Forest Biomass and Emission Reduction Potential in Malaysia	Forests	Asif Raihan, Rawshan Ara Begum, Mohd Nizam Mohd Said, Joy Jacqueline Pereira	2.221	Q1
12	2021	Calculation of secondary radiation absorbed doses due to the proton therapy on breast cancer using MCNPX code	Radiation Physics and Chemistry	Niloofer Azadegan, Mehdi Hassanpour, Mayeen Uddin Khandaker, Mohammad Rashed Iqbal Faruque, K.S. Al mugren, D.A. Bradley	2.226	Q1

13	2021	Cyclone vulnerability assessment of the western coast of Bangladesh	Geomatics, Natural Hazards and Risk	Muhammad Al-Amin Hoque, Biswajeet Pradhana, Naser Ahmed, Bayes Ahmed, Abdullah M. Alamri	3.333	Q1
14	2021	Double negative bend headed I-shaped metamaterial based Terahertz optical power splitter	Results in Physics	Eistiak Ahamed, Md Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	4.019	Q1
15	2021	Downslope migration of free-living corals (Scleractinia: Fungiidae) in typhoon-exposed reef habitats at Okinawa, Japan	Marine Environmental Research	Taku Ohara, Bert W. Hoeksema, Hin Boo Wee, James D. Reimer	2.727	Q1
16	2021	Earthquake risk assessment in NE India using deep learning and geospatial analysis	Geoscience Frontiers	Ratiranjan Jen, Biswajeet Pradhan, Sambit Prasanajit Naik, Abdullah M. Alamri	4.202	Q1
17	2021	Effects of temperature, salinity, and depth on Symbiodiniaceae lineages hosted by Palythoa tuberculosa near a river mouth	Marine Ecology Progress Series	Wee, Hin Boo Yui Kobayashi, James Davis Reimer	2.326	Q1
18	2021	Electromagnetic radiation reduction using novel metamaterial for cellular applications	Radiation Physics and Chemistry	Ahmed Mahfuz Tamim, Mohammad Rashed Iqbal Faruque, Mayeen Uddin Khandaker, Mohammad Tariqul Islam, David Andrew Bradley	2.226	Q1
19	2021	Elevated concentrations of metal (oids) in seaweed and the concomitant exposure to humans	Foods	Mayeen Uddin Khandaker, Nwokoma Oliver Chijioke, Nurul Adillah Binti Heffny, David A. Bradley, Abdullah Alsubaie, Abdelmoneim Sulieman, Mohammad Rashed I Faruque, M I Sayyed, K S Al mugren	4.092	Q1
20	2021	Enhancement of mechanical and corrosion resistance properties of electrodeposited Ni P TiC composite coatings	Scientific Reports	Osama Fayyaz, Adnan Khan, R. A. Shakoore, Anwarul Hasan, Moinuddin M Yusuf, M F Montemor, Shahid Rasul, Kashif Khan, M R I Faruque, Paul C Okonkwo	3.998	Q1
21	2021	Evaluation of e-waste management systems in Malaysia using life cycle assessment and material flow analysis	Journal of Cleaner Production	Haikal Ismail, Marlia M. Hanafiah	7.246	Q1
22	2021	Fabrication of eco-friendly polyelectrolyte membranes based on sulfonate grafted sodium alginate for drug delivery, toxic metal ion removal and fuel cell applications	Polymers	Raagala Vijitha, Kasula Nagaraja, Marlia M. Hanafiah, Kummara Madhusudana Rao, Katta Venkateswarlu, Sivarama Krishna Lakkaboyana, Kummari S. V. Krishna Rao	3.426	Q1

23	2021	Forecasting landslides using SIGMA model: a case study from Idukki, India	Geomatics, Natural Hazards and Risk	Minu Treesa Abraham, Neelima Satyam, Nakshatram Shreyas, Biswajeet Pradhan, Samuele Segoni, Khairul Nizam Abdul Maulud & Abdullah M. Alamri	3.333	Q1
24	2021	Improving prediction of trans-boundary biomass burning plume dispersion: from northern peninsular Southeast Asia to downwind western north Pacific Ocean	Atmospheric Chemistry and Physics	Ooi, Maggie Chel Gee, Chuang, Ming-Tung, Fu, Joshua S., Kong, Steven S., Huang, Wei-Syun, Wang, Sheng-Hsiang, Chan, Andy, Pani, Shantanu Kumar, Lin, Neng-Huei	5.414	Q1
25	2021	Improving road semantic segmentation using generative adversarial network	IEEE Access	Abolfazl Abdollahi, Biswajeet Pradhan, Gaurav Sharma, Khairul Nizam Abdul Maulud & Abdullah Alamri	3.745	Q1
26	2021	Incorporation of basic alpha hydroxy acid residues into primitive polyester microdroplets for RNA segregation	Biomacromolecules	Tony Z. Jia, Niraja V. Bapat, Ajay Verma, Irena Mamajanov, H. James Cleaves, II, Kuhan Chandru	6.092	Q1
27	2021	Inductively tuned modified split ring resonator based quad band epsilon negative (ENG) with near zero index (NZI) metamaterial for multiband antenna performance enhancement	Scientific Reports	Md Moniruzzaman, Mohammad Tariqul Islam, Norbahiah Misran, Md Samsuzzaman, Touhidul Alam & Muhammad E. H. Chowdhury	3.998	Q1
28	2021	Integrating multilayer perceptron neural nets with hybrid ensemble classifiers for deforestation probability assessment in Eastern India	Geomatics, Natural Hazards and Risk	Sunil Saha , Gopal Chandra Paul , Biswajeet Pradhan, Khairul Nizam Abdul Maulud & Abdullah M. Alamri	3.333	Q1
29	2021	Intelligent controllers and optimization algorithms for building energy management towards achieving sustainable development: challenges and prospects	IEEE Access	K. Parvin, M. S. Hossain Lipu, M. A. Hannan, Majid A. Abdullah, Ker Pin Jern, R. A. Begum, Muhamad Mansur, Kashem M. Muttaqi, T. M. Indra Mahlia, Zhao Yang Dong	3.745	Q1
30	2021	Investigation on (Zn) doping and anionic surfactant (SDS) effect on SnO2 nanostructures for enhanced photocatalytic RhB dye degradation	Environmental Research	SP. Keerthana, R. Yuvakkumar, G. Ravi, M. Manimegalai, Mehboobali Pannipara, Abdullah G. Al-Sehemi, Ramu Adam Gopal, Marlia M. Hanafiah, Dhayalan Velauthapilla	5.715	Q1
31	2021	Metamaterial array based meander line planar antenna for cube satellite communication	Scientific Reports	Touhidul Alam, Mohammad Tariqul Islam, Ali F. Almutairi, Md Samsuzzaman & Mengu Cho	3.998	Q1
32	2021	Observation of site diversity gain dependency on separation distance using an attenuation-	IEEE Access	Fazldiana Samat, Mandeep Jit Singh, Aduwati Sali, P.M. Kalaivaanan	3.745	Q1

		dependent logarithmic model in a tropical region				
33	2021	Oil spill trajectory modelling and environmental vulnerability mapping using GNOME model and GIS	Environmental Pollution	Abdul-Lateef Balogun, Shamsudeen Temitope Yekeen, Biswajeet Pradhan, Khamaruzaman Wan Yusof	6.792	Q1
34	2021	On-the-move measurement analysis for Ka-band high throughput satellite and LiFi communication networks in tropical region	IEEE Access	P. M. Kalaivaanan, Aduwati Sali, Raja Syamsul Azmir Raja Abdullah, Syamsuri Yaakob, Mandeep Jit Singh, Ali M. Al-Saegh	3.745	Q1
35	2021	Parallel LC shaped metamaterial resonator for C and X band satellite applications with wider bandwidth	Scientific Reports	Mohammad Rashed Iqbal Faruque, Air Mohammad Siddiky, Eistiak Ahamed, Mohammad Tariqul Islam, Sabirin Abdullah	3.998	Q1
36	2021	Particulate matter (PM2.5) as a potential SARS-CoV-2 carrier	Scientific Reports	Norefrina Shafinaz Md Nor, Chee Wai Yip, Nazlina Ibrahim, Mohd Hasni Jaafar, Zetti Zainol Rashid, Norlaila Mustafa, Haris Hafizal Abd Hamid, Kuhan Chandru, Mohd Talib Latif, Phei Er Saw, Chin Yik Lin, Kemal Maulana Alhasa, Jamal Hisham Hashim, Mohd Shahr	3.998	Q1
37	2021	Polarization insensitivity characterization of dual-band perfect metamaterial absorber for K band sensing applications	Scientific Reports	Mohammad Lutful Hakim, Touhidul Alam, Ali F. Almutairi, Mohd Fais Mansor, Mohammad Tariqul Islam	3.998	Q1
38	2021	Polarization-independent multiband double-negative metamaterial through ferrite-based flexible substrate with tunable microwave dielectric properties	Results in Physics	Md. Atiqur Rahman, Mohammad Tariqul Islam, Mandeep Singh Jit Singh, Md. Samsuzzaman	4.019	Q1
39	2021	Polarization-independent symmetrical digital metasurface absorber	Results In Physics	Ahmed Mahfuz Tamim, Md Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Jamel Nebhen	4.019	Q1
40	2021	Realization of frequency hopping characteristics of an epsilon negative metamaterial with high effective medium ratio for multiband microwave applications	Scientific Reports	Mohammad Tariqul Islam, Md. Moniruzzaman, Touhidul Alam, Md Samsuzzaman, Qutaiba A. Razouqi & Ali F. Almutairi	3.998	Q1
41	2021	Recent progress on synthetic strategies and applications of transition metal phosphides in energy storage and conversion	Ceramics International	Jayaraman Theerthagiri, Arun Prasad Murthy, Seung Jun Lee, K. Karuppasamy, Senthil Raja Arumugam, Yiseul Yu, Marlia M.	3.83	Q1

				Hanafiah, Hyun-Seok Kim, Vikas Mittal, Myong Yong Choi		
42	2021	Reduction of 5G cellular network radiation in wireless mobile phone using an asymmetric square shaped passive metamaterial design	Scientific Reports	Tayaallen Ramachandran,Mohammad Rashed Iqbal Faruque,Air Mohammad Siddiky,Mohammad Tariqul Islam	3.998	Q1
43	2021	Removal of inorganic pollutants using electrocoagulation technology: A review of emerging applications and mechanisms	Journal of Environmental Management	Abbas A. Al-Raad, Marlia M. Hanafiah	5.647	Q1
44	2021	Robustness analysis of machine learning classifiers in predicting spatial gully erosion susceptibility with altered training samples	Geomatics, Natural Hazards and Risk	Tusar Kanti Hembram, Sunil Saha, Biswajeet Pradhan, Khairul Nizam Abdul Maulud & Abdullah M. Alamri	3.333	Q1
45	2021	Sensitivity analysis of the dust emission treatment in CMAQv5.2.1 and its application to long-range transport over East Asia	Atmospheric Environment	Steven Soon-Kai Kong, Joshua S.Fu, Xinyi Dong, Ming-Tung Chuang, Maggie Chel Gee Ooi, Wei-Syun Huang, Stephen M. Griffith, Shantanu Kumar Pani, Neng-Huei Lin	4.039	Q1
46	2021	Solar photovoltaic energy optimization methods, challenges and issues: A comprehensive review	Journal of Cleaner Production	Omar A. Al-Shahri, Firas B. Ismail, M.A. Hannan, M.S. Hossain Lipu, Ali Q. Al-Shetwi, R.A. Begum, Nizar F.O. Al-Muhsen, Ebrahim Soujeri	7.246	Q1
47	2021	Spatial assessment of drought vulnerability using fuzzy-analytical hierarchical process: a case study at the Indian state of Odisha	Geomatics, Natural Hazards and Risk	Sunil Saha, Barnali Kundu, Gopal Chandra Paul, Kaustuv Mukherjee, Biswajeet Pradhan, Abhirup Dikshit, Khairul Nizam Abdul Maulud & Abdullah M. Alamri	3.333	Q1
48	2021	Spatial landslide susceptibility assessment using machine learning techniques assisted by additional data created with generative adversarial networks	Geoscience Frontiers	Husam A.H. Al-Najjar, Biswajeet Pradhan	4.202	Q1
49	2021	Symmetric square shaped metamaterial structure with quintuple resonance frequencies for S, C, X and Ku band applications	Scientific Reports	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	3.998	Q1
50	2021	Synthesis of porous 2D layered nickel oxide-reduced graphene oxide (NiO-rGO) hybrid composite for the efficient electrochemical detection of epinephrine in biological fluid	Environmental Research	A.G. Ramu, Ahmad Umar, Ahmed A. Ibrahim, Hassan Algadi, Yousif S.A. Ibrahim, Yao Wang, Marlia M. Hanafiah, P. Shanmugam, Dongjin Choi	5.715	Q1

51	2021	Tailoring bismuth borate glasses by incorporating PbO/GeO ₂ for protection against nuclear radiation	Scientific Reports	Ashok Kumar,Anisha Jain,M I Sayyed,Farah Laariedh,K A Mahmoud,Jamel Nebhen,Mayeen Uddin Khandaker,M R I Faruque	3.998	Q1
52	2021	The removal of anionic and cationic dyes from an aqueous solution using biomass-based activated carbon	Scientific Reports	Nurul Umairah M. Nizam, Marlia M. Hanafiah, Ebrahim Mahmoudi, Azhar A. Halim, Abdul Wahab Mohammad	3.998	Q1
53	2021	Unlocking the environmental hotspots of palm biodiesel upstream production in Malaysia via life cycle assessment	Energy	Zhen Xin Phuang, Kok Sin Woon, Khai Jian Wong, Peng Yen Liew, Marlia Mohd Hanafiah	6.082	Q1
54	2021	Usage of antecedent soil moisture for improving the performance of rainfall thresholds for landslide early warning	Catena	Minu Treesa Abraham, Neelima Satyam, Ascanio Rosi, Biswajeet Pradhan, Samuele Segoni	4.333	Q1
55	2021	A novel hybrid learning system using modified breaking ties algorithm and multinomial logistic regression for classification and segmentation of hyperspectral images	Applied Sciences	Syed Taimoor Hussain Shah,Shahzad Ahmad Qureshi, Aziz ul Rehman,Syed Adil Hussain Shah,Arslan Amjad, Adil Aslam Mir, Amal Alqahtani, David A Bradley, Mayeen Uddin Khandaker,Mohammad Rashed Iqbal Faruque, Muhammad Rafique	2.474	Q2
56	2021	An LCA-based environmental performance of rice production for developing a sustainable agri-food system in Malaysia	Environmental Management	Siti Norliyana Harun, Marlia M. Hanafiah, Nur Izzah Hamna Abd. Aziz	2.561	Q2
57	2021	Assessing changes of carbon stock in dipterocarp forest due to hydro-electric dam construction in Malaysia	Environmental Science and Pollution Research	Hayana Dullah, Marlinda Abdul Malek, Hamdan Omar, Sajjad Ali Mangi, Marlia Mohd Hanafiah	3.056	Q2
58	2021	Barrier islands resilience to extreme events: do earthquake and tsunami play a role?	Water	Ella Meilianda, Franck Lavigne, Biswajeet Pradhan, Patrick Wassmer, Darusman Darusman, Marjolein Dohmen-Janssen	2.544	Q2
59	2021	Battery storage systems integrated renewable energy sources: A bibliometric analysis towards future directions	Journal of Energy Storage	Safat Bin Wali, M.A. Hannan, M.S. Reza, Pin Jern Ker, R.A. Begum, M.S. Abd Rahman, M. Mansor	3.762	Q2
60	2021	Broadband single-layer reflectarray antenna loaded with meander-delay-lines for X-band applications	Alexandria Engineering Journal	Tayyab Shabbir, Mohammad Tariqul Islam, Norbahiah Misran, Samir Salem Al-Bawri, Simranjit Singh	2.46	Q2
61	2021	Chemical analysis of thermoluminescent colorless topaz crystal using laser-induced breakdown spectroscopy	Minerals	Shahab Ahmed Abbasi,Muhammad Rafique,Taj Muhammad Khan,Adnan	2.38	Q2

				Khan,Nasar Ahmad, Mohammad Rashed Iqbal Faruque,Mayeen Uddin Khandaker,Pervaiz Ahmad,Abdul Saboor		
62	2021	Coastal erosion vulnerability assessment along the eastern coast of Bangladesh using geospatial techniques	Ocean and Coastal Management	Naser Ahmed, Newton Howlader, Muhammad Al-Amin Hoque, Biswajeet Pradhan	2.482	Q2
63	2021	Community awareness towards coastal hazard and adaptation strategies in Pahang coast of Malaysia	Natural Hazards	Md. Mahfuzul Islam, A. Aldrie Amir, Rawshan Ara Begum	2.427	Q2
64	2021	Comparison of the effects of two laser photobiomodulation techniques on biophysical properties of Zea mays L. seeds	PeerJ	Mohammed Hasan, Marlia M. Hanafiah, Intsar H. H. AlHilfy, Ziad Aeyad Taha	2.379	Q2
65	2021	Coral health status assessment in Malaysia islands; looking towards Marine Spatial Planning	Ocean and Coastal Management	Che Din Mohd Safuan, Abdul Rahman Muhammad Ashraf, Chun Hong Tan, Siti Nurtahirah Jaafar, Putri Asma Megat Yusop, Raveena Kim Lai, Md Nizam Ismail, Albert Apollo Chan, Izarenah Md Repin, Hin Boo Wee, Zainudin Bachok	2.482	Q2
66	2021	Current trends in the application of nanomaterials for the removal of pollutants from industrial wastewater treatment-a review	Molecules	Geetha Palani, A. Arputhalatha, Karthik Kannan, Sivarama Krishna Lakkaboyana, Marlia M. Hanafiah, Vinay Kumar, Ravi Kumar Marella	3.267	Q2
67	2021	Editorial for the special issue: multispectral and hyperspectral remote sensing data for mineral exploration and environmental monitoring of mined areas	Remote Sensing	Amin Beiranvand Pour, Basem Zoheir, Biswajeet Pradhan and Mazlan Hashim	4.509	Q2
68	2021	Electrically tunable left-handed textile metamaterial for microwave applications	Materials	Kabir Hossain, Thennarasan Sabapathy, Muzammil Jusoh, Ping Jack Soh, Mohd Haizal Jamaluddin, Samir Salem Al-Bawri, Mohamed Nasrun Osman, R Badlishah Ahmad, Hasliza A Rahim, Mohd Najib Mohd Yasin, Nitin Saluja	3.057	Q2
69	2021	Energy consumption and spatial assessment of renewable energy penetration and building energy efficiency in Malaysia: a review	Sustainability	Shaban R. S. Aldhshan, Khairul Nizam Abdul Maulud, Wan Shafrina Wan Mohd Jaafar, Othman A. Karim and Biswajeet Pradhan	2.576	Q2

70	2021	Enhanced optical and antibacterial activity of hydrothermally synthesized cobalt-doped zinc oxide cylindrical microcrystals	Materials	Awais Khalid,Pervaiz Ahmad,Abdulrahman I Alharthi,Saleh Muhammad,Mayeen Uddin Khandaker,Mohammad Rashed Iqbal Faruque,Abdulhameed Khan,Israaf Ud Din,Mshari A Alotaibi,Khalid Alzimami,Abdulrahman A Alfuraih	3.057	Q2
71	2021	Enhancement of magnetic field intensity with a left-handed metamaterial tunnel resonator for obstacle sensing	Chinese Journal of Physics	Eistiak Ahamed,Mohammad Rashed Iqbal Faruque,Ahmed Mahfuz Tamim,Mohammad Tariqul Islam,Mohd Fais Bin Mansor,Mohammad Badal Ahmmed	2.638	Q2
72	2021	Enhancement of the shielding capability of soda lime glasses with Sb ₂ O ₃ dopant: a potential material for radiation safety in nuclear installations	Applied Sciences	M.I. Sayyed, K.A. Mahmoud, O.L. Tashlykov, Mayeen Uddin Khandaker, M.R.I. Faruque	2.474	Q2
73	2021	Environmental performance of small-scale seawater reverse osmosis plant for rural area water supply	Membranes	Latifah Abdul Ghani, Noraaini Ali, Ilyanni Syazira Nazaran, Marlia M. Hanafiah	3.094	Q2
74	2021	Facile Synthesis of High Quality Nano Size 10B Enriched Fibers of Hexagonal Boron Nitride	Crystals	Pervaiz Ahmad,Mayeen Uddin Khandaker,Fida Rehman,Nawshad Muhammad,Mohammad Rashed Iqbal Faruque, Zahoor Ullah,Muhammad Abdul Rauf Khan,Ghulamullah Khan,Muhammad Imtiaz Khan,Hazrat Ali,Sirajul Haq,Yousaf Iqbal,Khalid Alzimami,Layal Jambi, David A. Bradly	2.404	Q2
75	2021	Impact of evacuation design parameter on users evacuation time using a multi agent simulation	Ain Shams Engineering Journal	Syed Ahmad Fadhli Syed Abdul Rahman, Khairul Nizam Abdul Maulud, Biswajeet Pradhan, Sharifah Nurul Ain Syed Mustorpha, Adi Irfan Che Ani	1.949	Q2
76	2021	Indoor environmental quality classrooms comforts level: Case study at Malaysian secondary school buildings	Applied Sciences	Norsafiah Norazman, Adi Irfan Che Ani, Wan Norisma Wan Ismail, Afifuddin Husairi Hussain, Khairul Nizam Abdul Maulud	2.474	Q2

77	2021	Influence of zonal wind velocity variation on equatorial plasma bubble occurrences over Southeast Asia	Journal of Geophysical Research: Space Physics	Idahwati Sarudin, Nurul Shazana Abdul Hamid, Mardina Abdullah, Suhaila M Buhari, Kazuo Shiokawa, Yuichi Otsuka, Kornyanat Hozumi, Punyawati Jamjareegulgarn	2.799	Q2
78	2021	Modified hexagonal split ring resonator based on an epsilon-negative metamaterial for triple-band satellite communication	Micromachines	Salah Uddin Afsar, Mohammad Rashed Iqbal Faruque, Mohammad Jakir Hossain, Mayeen Uddin Khandaker, Hamid Osman, Sultan Alamri	2.523	Q2
79	2021	Parabolic Split Ring Resonator (PSRR) based MNZ metamaterial with angular rotation for WiFi/WiMax/Wireless/ISM band applications	Chinese Journal of Physics	Air Mohammad Siddiky, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Sabirin Abdullah, Mayeen Uddin Khandaker	2.638	Q2
80	2021	Photoelectrochemical applications of electrochemical deposition of Ni ²⁺ -doped FeS ₂ thin films	Journal of Materials Science: Materials in Electronics	P. Prabukanthan, M. Sreedhar, S. Thamaraiselvi, G. Harichandran, P. Seenuvasakumaran, Marlia M. Hanafiah, Carlos Fernandez	2.22	Q2
81	2021	Porphyrin N-Pincer Pd(II)-Complexes in Water: A Base-Free and Nature-Inspired Protocol for the Oxidative Self-Coupling of Potassium Aryltrifluoroborates in Open-Air	Molecules	Sana Siva Prasad, Bandameeda Ramesh Naidu, Marlia M. Hanafiah, Jangam Lakshmidevi, Ravi Kumar Marella, Sivarama Krishna Lakkaboyana, Katta Venkateswarlu	3.267	Q2
82	2021	Proximate chemical composition of dried shrimp and tilapia waste bioflocs produced by two drying methods	Journal of Marine Science and Engineering	Tarq Binalshikh-Abubkr, Marlia M. Hanafiah, Simon Kumar Das	2.033	Q2
83	2021	Radionuclides Transfer from Soil to Tea leaves and Estimation of Committed Effective dose to the Bangladesh Populace	Life	Nurul Absar, Jainal Abedin, M Mashiur Rahman, MMH Miah, Naziba Siddique, Masud Kamal, Mantazul Islam Chowdhury, A Sulieman, M R I Faruque, Mayeen Uddin Khandaker, D A Bradley, Abdullah Alsubaie	2.991	Q2
84	2021	Reconfigurable THz metamaterial filter based on binary response for information processing system	Frontiers In Physics	Eistiak Ahamed, Ahmed Mahfuz Tamim, Mohammad Rashed Iqbal Faruque, Rasheduzzaman Sifat, Mohammad Tariqul Islam	2.638	Q2
85	2021	Structural, optical and antibacterial efficacy of pure and zinc-doped copper oxide against pathogenic bacteria	Nanomaterials	Awais Khalid, Pervaiz Ahmad, Abdulrahman I Alharthi, Saleh Muhammad, Mayeen Uddin	4.324	Q2

				Khandaker,Mubasher Rehman,Mohammad Rashed Iqbal Faruque,Israf Ud Din,Mshari A Alotaibi,Khalid Alzimami,David A. Bradley		
86	2021	Synergistic effects of Cu-doped ZnO nanoantibiotic against Gram-positive bacterial strains	PLOS One	Awais Khalid, Pervaiz Ahmad, Abdulrahman I Alharthi, Saleh Muhammad, Mayeen Uddin Khandaker, Mohammad Rashed Iqbal Faruque, Israf Ud Din, Mshari A Alotaibi, Abdulhameed Khan	2.74	Q2
87	2021	Synthesis and optimization of high surface area mesoporous date palm fiber-based nanostructured powder activated carbon for aluminum removal	Chinese Journal of Chemical Engineering	Alfarooq O. Basheer, Marlia M. Hanafiah, Mohammed Abdulhakim Alsaadi, Y. Al-Douri, Abbas A. Al-Raad	2.627	Q2
88	2021	The post-COVID-19 era: Interdisciplinary demands of contagion surveillance mass spectrometry for future pandemics	Sustainability	Chaitanya Giri, Henderson James Cleaves II, Markus Meringer, Kuhan Chandru	2.576	Q2
89	2021	The presence of radioactive heavy minerals in prospecting trenches and concomitant occupational exposure	PLOS ONE	Mohamed Youssef Mohamed Hanfi,Masoud Salah Masoud,M I Sayyed,Mayeen Uddin Khandaker,Mohammed Rashed Iqbal Faruque,D. A. Bradley,Mostafa Yuness Abdelfatah Mostafa	2.74	Q2
90	2021	Two-dimensional reconstruction of a time-dependent mirror structure from double-polytropic MHD simulation	Earth and Space Science	Wai-Leong Teh, Seiji Zenitani	2.312	Q2
91	2021	Unmodified titanium dioxide nanoparticles as a potential contrast agent in photon emission computed tomography	Crystals	Awais Khalid,Pervaiz Ahmad,Abdulrahman I Alharthi,Saleh Muhammad,Mayeen Uddin Khandaker,Mohammad Rashed Iqbal Faruque,Israf Ud Din,Mshari A Alotaibi	2.404	Q2
92	2021	A practical method for incorporation of Fe (III) in Titania matrix for photocatalytic applications	Materials Research Express	Awais Khalid,Pervaiz Ahmad,Abdulrahman I Alharth,Saleh Muhammad,Mayeen Uddin Khandaker,Mohammad Rashed Iqbal Faruque,Israf Ud Din,Mshari A Alotaibi	1.929	Q3
93	2021	Anomaly classification for earthquake prediction in radon time series data using	Pure and Applied Geophysics	Adil Aslam Mir,Fatih Vehbi Celebi,Muhammad Rafique, M R	1.586	Q3

		stacking and automatic anomaly indication function		I Faruque,Mayeen Uddin Khandaker,Kimberlee Jane Kearfott, Pervaiz Ahmad		
94	2021	Antibacterial, antioxidant and physicochemical investigations of tin dioxide nanoparticles synthesized via microemulsion method	Materials Research Express	Sirajul Haq,Pervaiz Ahmad,Mayeen Uddin Khandaker,M R I Faruque,Wajid Rehman, Muhammad Waseem,Salah Ud Din	1.929	Q3
95	2021	Biosynthesis and antibacterial activity of MgO-NPs produced from Camellia-sinensis leaves extract	Materials Research Express	Abdul hameed Khan,Dania Shabir,Pervaiz Ahmad,Mayeen Uddin Khandaker,M R I Faruque,Israf Ud Din	1.929	Q3
96	2021	Comparison of EEJ longitudinal variation from satellite and ground measurements over different solar activity levels	Universe	Wan Nur Izzaty Ismail, Nurul Shazana Abdul Hamid, Mardina Abdullah, Akimasa Yoshikawa, Teiji Uozumi, Zahira Mohd Radzi	1.752	Q3
97	2021	Correlations between earthquake properties and characteristics of possible ULF geomagnetic precursor over multiple earthquakes	Universe	Khairul Adib Yusof, Mardina Abdullah, Nurul Shazana Abdul Hamid, Suaidi Ahadi, Akimasa Yoshikawa	1.752	Q3
98	2021	Daytimecloud detection method using the all-sky imager over PERMATApintar observatory	Universe	Mohammad Afiq Dzuan Mohd Azhar, Nurul Shazana Abdul Hamid, Wan Mohd Aimran Wan Mohd Kamil, Nor Sakinah Mohamad	1.752	Q3
99	2021	Evaluating the performance of IRI-2016 using GPS-TEC measurements over the equatorial region	Atmosphere	Nouf Abd Elmunim, Mardina Abdullah, Siti Aminah Bahari	2.397	Q3
100	2021	Identification of fractal properties in geomagnetic data of Southeast Asian region during various solar activity levels	Universe	Farhan Naufal Rifqi, Nurul Shazana Abdul Hamid, A. Babatunde Rabi, Akimasa Yoshikawa	1.752	Q3
101	2021	Investigating incidence and possible causes of pink and purple pigmentation response in hard coral genus Porites around Okinawajima Island, Japan	Regional Studies in Marine Science	Toshiki Kubomura, Hin Boo Wee, James Davis Reimer	1.183	Q3
102	2021	Photocatalytic and antimicrobial properties of microwave synthesized mixed metal oxide nanocomposite	Inorganic Chemistry Communications	Karthik Kannan, D. Radhika, D. Gnanasangeetha, Sivarama Krishna Lakkaboyana, Kishor Kumar Sadasivuni, K. Gurushankar, Marlia M. Hanafiah	1.943	Q3
103	2021	Plant growth promoting and antifungal asset of indigenous rhizobacteria secluded from saffron (Crocus sativus L.) rhizosphere	Microbial Pathogenesis	Akhtar Rasool, Mohammad Imran Mir, Muhammad Zulfajri, Marlia Mohd Hanafiah, Syeda	2.914	Q3

				Azeem Unnisa, Mohammed Mahboob		
104	2021	A multi-slotted antenna for LTE/5G Sub-6 GHz wireless communication applications	International Journal of Microwave and Wireless Technologies	Rezaul Azim, AKM Moinul H. Meaze, Adnan Affandi, Md Mottahir Alam, Rumi Aktar, Md S. Mia, Touhidul Alam, Md Samsuzzaman, Mohammad T. Islam	0.939	Q4
105	2021	A study of spatial and water quality index during dry and rainy seasons at Kelantan River Basin, Peninsular Malaysia	Arabian Journal of Geosciences	Khairul Nizam Abdul Maulud, Arniza Fitri, Wan Hanna Melini Wan Mohtar, Wan Shafrina Wan Mohd Jaafar, Nur Zukrina Zuhairi & Mohd Khairul Amri Kamarudin	1.327	Q4
106	2021	Case studies of photospheric magnetic field properties of active regions associated with x-class solar flares	Sains Malaysiana	Wai-Leong Teh, Farahana Kamarudin	0.643	Q4
107	2021	Growth responses of light demanding and shade tolerant peat swamp forest saplings to elevated CO ₂	Journal of Environmental Biology	M.N.L. Wahidah, M.S. Nizam, C.M.Z. Che Radziah, W.A. Wan Juliana	0.781	Q4
108	2021	Individual tree detection using UAV-lidar and UAV-SfM data: A tutorial for beginners	Open Geosciences	Midhun Mohan, Rodrigo Vieira Leite, Eben North Broadbent, Wan Shafrina Wan Mohd Jaafar, Shruthi Srinivasan, Shaurya Bajaj, Ana Paula Dalla Corte, Cibele Hummel do Amaral, Gopika Gopan, Siti Nor Maizah Saad, Aisyah Marliza Muhmad Kamarulzaman	0.985	Q4
109	2021	Phytoremediation of landfill leachate using Ipomoea aquatica and Pistia stratiotes	Journal of Environmental Biology	M.M. Hanafiah, N.I.H.A. Aziz, A.A. Halim, L.S. Shamdin, L.A.A. Razzak	0.781	Q4
110	2021	Water quality of the Klang River, Selangor, Malaysia and heavy metal removal using phytoremediation	Applied Ecology and Environmental Research	Marlia M. Hanafiah, Rawaa Hasan, Nurul Umairah Mohd Nizam, Nur Izzah Hamna	0.712	Q4
111	2020	A dual band left-handed metamaterial-enabled design for satellite applications	Results In Physics	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	3.042	Q1
112	2020	A mutual coupled concentric crossed-line split ring resonator (CCSRR) based epsilon negative (ENG) metamaterial for Tri-band microwave applications	Results in Physics	Mohammad Shahidul Islam, Mohammad Tariqul Islam, Norsuzlin Mohd Sahar, Hatem Rmili, Nowshad Amin, Muhammad E.H.Chowdhury	3.042	Q1

113	2020	A new estimate for the orientation of underlying heliospheric magnetic field associated with Alfvénic fluctuations	The Astrophysical Journal	Teh, W.-L., Gosling, J. T.	5.58	Q1
114	2020	A review of sustainable e-waste generation and management: Present and future perspectives	Journal of Environmental Management	Haikal Ismail, Marlia Mohd Hanafiah	4.865	Q1
115	2020	Air quality changes during the COVID-19 lockdown over the Yangtze River Delta Region: An insight into the impact of human activity pattern changes on air pollution variation	Science of The Total Environment	Li Li, Qing Li, Ling Huang, Qian Wang, Ansheng Zhu, Jian Xu, Ziyi Liu, Hongli Li, Lishu Shi, Rui Li, Majid Azari, Yangjun Wang, Xiaojuan Zhang, Zhiqiang Liu, Yonghui Zhu, Kun Zhang, Shuhui Xue, Maggie Chel Gee Ooi, Dongping Zhang, Andy Chan	5.589	Q1
116	2020	Digital metamaterial filter for encoding information	Scientific Reports	Eistiak Ahamed, Mohammad Rashed Iqbal Faruque, Md. Jubaer Alam, Mohd Fais Bin Mansor, Mohammad Tariqul Islam	4.011	Q1
117	2020	El Niño driven haze over the Southern Malaysian Peninsula and Borneo	Science of the Total Environment	Md Firoz Khan, Ahmad Hazuwan Hamid, Haasyimah Ab Rahim, Khairul Nizam Abdul Maulud, Mohd Talib Latif, Mohd Shahrul Mohd Nadzir, Mazrura Sahani, Kai Qin, Prashant Kumar, Helena Varkkey, Mohammad Rashed Iqbal Faruque, Ng Chee Guan, Seyedeh Parisa Ahmadi, Su	5.589	Q1
118	2020	Evaluation of Ka-Band Rain Attenuation for Satellite Communication in Tropical Regions Through a Measurement of Multiple Antenna Sizes	IEEE ACCESS	P. M. Kalaivaanan, Aduwati Sali, Raja Syamsul Azmir Raja Abdullah, Syamsuri Yaakob, Mandeep Jit Singh, Ali M. Al-Saegh	3.557	Q1
119	2020	Indoor generated PM _{2.5} compositions and volatile organic compounds: potential sources and health risk implications	Chemosphere	Siti Amira 'Ainaa' Idris, Marlia Mohd Hanafiah, Md Firoz Khan, Haris Hafizal Abd Hamid	5.108	Q1
120	2020	Madden Julian oscillation modulation for surface ozone in Peninsular Malaysia	Atmospheric Environment	Mary Angelina Jud, LiewJuneng, Fredolin T.Tangang, Mohd Talib Latif, Jing Xiang Chung, Fatimah Ahamad	4.012	Q1
121	2020	Measuring contention and congestion on ad-hoc multicast network towards satellite on Ka-band and LiFi communication under tropical environment region	IEEE Access	P. M. Kalaivaanan, Aduwati Sali, Raja Syamsul Azmir Raja Abdullah, Syamsuri Yaakob, Mandeep Jit Singh and Ali M. Al-Saegh	4.098	Q1

122	2020	Modified segmented split ring based polarization and angle insensitive multi band metamaterial absorber for X, Ku and K band applications	IEEE Access	Saif Hannan, Mohammad Tariqul Islam, Norsuzlin Mohd Sahar, Kamarulzaman Mat, Muhammad E. H. Chowdhury, Hatem Ramili	4.098	Q1
123	2020	Optimized controller for renewable energy sources integration into microgrid: Functions, constraints and suggestions	Journal of Cleaner Production	M.A. Hannan, Shun Y. Tan, Ali Q. Al-Shetwi, Ker Pin Jern, R.A. Begum	6.395	Q1
124	2020	Optimized parameters of the electrocoagulation process using a novel reactor with rotating anode for saline water treatment	Environmental Pollution	Abbas Al-Raad, Marlia M. Hanafiah, Ahmed Samir Najed, Mohammed Ajeel	5.714	Q1
125	2020	Radiation dose to Malaysian populace via the consumption of roasted ground and instant coffee	Radiation Physics and Chemistry	Mayeen Uddin Khandakera, Nur Khairunnisa Zainuddinb, D.A. Bradley, M.R.I. Faruque, F.I. Almasoud, M.I. Sayyed, A. Suliemang, P.J. Jojo	1.984	Q1
126	2020	Review of optimal methods and algorithms for sizing energy storage systems to achieve decarbonization in microgrid applications	Renewable and Sustainable Energy Reviews	M.A. Hannan, M. Faisal, Pin Jern Ker R.A. Begum, Z.Y. Dong, C. Zhang	10.556	Q1
127	2020	Solid waste collection optimization objectives, constraints, modeling approaches, and their challenges toward achieving sustainable development goals	Journal of Cleaner Production	M.A. Hannan, M.S. Hossain Lipu, Mahmuda Akhtar, R.A. Begum, Md Abdullah Al Mamun, Aini Hussain, M.S. Mia, Hassan Basri	6.395	Q1
128	2020	Synthesis, characterization, and analysis of hybrid carbon nanotubes by chemical vapor deposition: application for aluminum removal	Polymers	Alfarooq O. Basheer, Marlia M. Hanafiah, Mohammed Abdulhakim Alsaadi, Wan Zuhairi Wan Yaacop, Y. Al-Douri	3.164	Q1
129	2020	Thermodynamics of dipolarization fronts of magnetic reconnection in anisotropic plasma: MMS observations and resistive double-polytropic MHD simulations	The Astrophysical Journal	Wai-Leong Teh, Seiji Zenitani	5.58	Q1
130	2020	Waste collection route optimisation model for linking cost saving and emission reduction to achieve sustainable development goals	Sustainable Cities and Society	M.A. Hannan, R.A. Begum, Ali Q. Al-Shetwi, P.J. Ker, M.A. Al Mamund, Aini Hussain, Hassan Basri, T.M.I. Mahlia	4.624	Q1
131	2020	Wide bandwidth angle- and polarization-insensitive symmetric metamaterial absorber for X and Ku band applications	Scientific Reports	Saif Hannan, Mohammad Tariqul Islam, Ali F. Almutairi and Mohammad Rashed Iqbal Faruque	4.011	Q1
132	2020	A compact square-shaped left-handed passive metamaterial with optimized quintuple resonance frequencies for satellite applications	Chinese Journal of Physics	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.544	Q2

133	2020	A review of Southeast Asian oil palm and its CO2 fluxes	Sustainability	Royston Uning, Mohd Talib Latif, Murnira Othman, Liew Juneng, Norfazrin Mohd Hanif, Mohd Shahrul Mohd Nadzir, Khairul Nizam Abdul Maulud, Wan Shafrina Wan Mohd Jaafar, Nor Fitrah Syazwani Said, Fatimah Ahamad, Mohd Sobri Takriff	2.592	Q2
134	2020	A review of the measurement method, analysis and implementation policy of carbon dioxide emission from transportation	Sustainability	Nur Fatma Fadilah Yaacob, Muhamad Razuhanafi Mat Yazid, Khairul Nizam Abdul Maulud and Noor Ezlin Ahmad Basri	2.592	Q2
135	2020	Bioenergy for a cleaner future: a case study of sustainable biogas supply chain in the Malaysian energy sector	Sustainability	Nur Izzah Hamna Abd Aziz, Marlia Mohd Hanafiah, Shabbir Gheewala, Haikal Ismail	2.592	Q2
136	2020	Cradle-to-gate water related impacts on production of traditional food products in Malaysia	Sustainability	P.X.H. Bong, M.A. Malek, N.H. Mardi, Marlia M. Hanafiah	2.592	Q2
137	2020	Efficiency of five selected aquatic plants in phytoremediation of aquaculture wastewater	Applied Sciences	Nurul Umairah M. Nizam, Marlia M. Hanafiah, Izzati M. Noor, Hazwani Izzati A. Karim	2.217	Q2
138	2020	Electromagnetic absorption of SRR based double-inverse E-Shaped metamaterial for DCS, EESC, 5G, and WiMAX applications	Chinese Journal of Physics	Ahmed Mahfuz Tamim, Mohammad Rashed Iqbal Faruque, Eistiak Ahamed, Mohammad Tariqul Islam	2.544	Q2
139	2020	Equatorial plasma bubble zonal drift velocity variations in response to season, local time, and solar activity across Southeast Asia	Journal of Geophysical Research - Space Physics	I. Sarudin, N. S. A. Hamid, M. Abdullah, S. M. Buhari, K. Shiokawa, Y. Otsuka, C. Y. Yatini	2.821	Q2
140	2020	Evaluation of different treatment processes for landfill leachate using low-cost agro-industrial materials	Procesess	Tawfiq J.H Banch, Marlia M. Hanafiah, Abbas F.M Alkarkhi, Salem S. Amr, Nurul U.M. Nizam	1.963	Q2
141	2020	Impacts of climate change on oil palm production in Malaysia	Environmental Science and Pollution Research	Md. Sujahangir Kabir Sarkar, Rawshan Ara Begum, Joy Jacqueline Pereira	2.914	Q2
142	2020	Improving prediction accuracy of socio-human relationships in a small-scale desalination plant	Sustainability	Latifah Ghani, Ilyanni Syazira, Nora'aini Ali, Marlia Mohd Hanafiah	2.592	Q2
143	2020	Laser Irradiation Effects at Different Wavelengths on Phenology and Yield Components of Pretreated Maize Seed	Applied Sciences-Basel	Mohammed Hasan, Marlia M. Hanafiah, Ziad Aeyad Taha, Intsar H. H. AlHilfy, Mohd Nizam Mohd Said	2.217	Q2
144	2020	Life cycle assessment of nile tilapia (Oreochromis niloticus) farming in Kenyir Lake, Terengganu	Sustainability	Hayana Dullah, M. A. Malek, Marlia M. Hanafiah	2.592	Q2

145	2020	Phytoremediation of TSS, NH3-N and COD from sewage wastewater by Lemna minor L., Salvinia minima, Ipomea aquatica and Centella asiatica	Applied Sciences	Nur Izzah Hamna A. Aziz, Marlia Mohd Hanafiah, Nasrun Hisyam Halim, Putri Amylin Sofea Fidri	2.217	Q2
146	2020	Phytoremediation of aluminium and iron from industrial wastewater using ipomea aquatica and centella asiatica	Applied Sciences	Marlia M. Hanafiah, Muhamad F. Zainuddin, Nurul U. M. Nizam, Azhar Halim, Akhtar Rasool	2.217	Q2
147	2020	The impact of movement control order (MCO) during pandemic COVID-19 on local air quality in an urban area of Klang Valley, Malaysia	Aerosol and Air Quality Research	Mohd Shahrul Mohd Nadzir, Maggie Chel Gee Ooi, Kemal Maulana Alhasa, Mohd Aftar Abu Bakar, Anis Asma Ahmad Mohtar, Mohd Fadzil Firdzaus Mohd Nor, Mohd Talib Latif, Haris Hafizal Abd Hamid, Sawal Hamid Md Ali, Noratqiah Mohd Ariff, Johary Anuar, Fatimah Ahama	2.735	Q2
148	2020	The influence of deforestation on land surface temperature, a case study of Perak and Kedah, Malaysia	Forests	Wan Shafrina Wan Mohd Jaafar, Khairul Nizam Abdul Maulud, Aisyah Marliza Muhmad Kamarulzaman, Asif Raihan, Syarina Md Sah, Azizah Ahmad, Siti Nor Maizah Saad, Ahmad Tarmizi Mohd Azmi, Nur Khairun Ayuni Jusoh Syukri & Waseem Razza	2.116	Q2
149	2020	Treatment of landfill leachate using palm oil mill effluent	Processes	Tawfiq Banch, Marlia Mohd Hanafiah, Salem Abu Amr, Abbas Alkarkhi, Mohammed Hasan	1.963	Q2
150	2020	Characterization of ionospheric delay and forecasting using GPS-TEC over equatorial region	Annals of Geophysics	Nouf Abd Elmunim, Mardina Abdullah, Siti Aminah Bahari	1.531	Q3
151	2020	Current status of radioactive waste management in Afghanistan	Journal of Radioanalytical and Nuclear Chemistry	Mohammad Tanha, Marlia M. Hanafiah, Fazal Khalid, Mohamamd Storai, Christoph Hoeschen	1.186	Q3
152	2020	Design and analysis of modified-split-H-shaped DNG metamaterial for microwave application	Materials Research Express	Sikder Sunbeam Islam, Mohammed Sajid Khan, Mohammad Rashed Iqbal Faruque	1.449	Q3
153	2020	Observation of the north-south asymmetry in the equatorial spread F intensity at the Brazilian longitude	Advances in Space Research	A.O. Afolayan, J.S. Mandeep, M. Abdullah, S.M. Buhari	1.746	Q3

154	2020	Ozone trends from two decades of ground level observation in Malaysia	Atmosphere	Fatimah Ahamad, Paul T. Griffiths, Mohd Talib Latif, Liew Juneng, Chung Jing Xiang	2.046	Q3
155	2020	Potential of field turbidity measurements for computation of total suspended solid in Tasik Kenyir, Terengganu, Malaysia	Desalination and Water Treatment	Mohd Khairul Amri Kamarudin, Noorjima Abd Wahab, Mohd Armi Abu Samah, Nor Bakhiah Baharim, Roslanzairi Mostapa, Roslan Umar, Khairul Nizam Abdul Maulud, Mohd Hariri Arifin, Muhammad Hafiz Md Saad, Siti Nor Aisyah Md Bati	1.234	Q3
156	2020	Rain attenuation prediction model assessment on 3 year Ka band signal of MEASAT 5 at tropical region using 7.3m antenna	MAPAN-Journal Metrology Society of India	F. Samat , M. S. Jit Singh and T. Sountharapandian	1.25	Q3
157	2020	Effect of low-intensity laser irradiation on field performance of maize (Zea Mays L.) emergence, phenological and seed quality characteristics	Applied Ecology and Environmental Research	Mohammed Hasan, Marlia Mohd Hanafiah, Ziad Taha, Intsar AlHilfy	0.689	Q4
158	2020	Laboratory air quality and microbiological contamination in a university building	Arabian Journal of Geosciences	Siti Amira Ainaa Idris, Marlia M. Hanafiah, Marzuki Ismail, Samsuri Abdullah, Md Firoz Khan	1.141	Q4
159	2020	Site diversity performance in Ka band using a 7.3-m antenna diameter at tropical climate: a comparison of prediction models	Acta Geophysica	Fazdliana Samat, Mandeep Jit Singh	0.917	Q4
160	2020	Stand structure of shorea and spatial distribution of shorea acuminata in a rehabilitated area of Kenaboi forest reserve	Journal of Tropical Forest Science	Fatma Nadiyah Abd Hamid, Wan Juliana Wan Ahmad, Shaharuddin Mohamad Ismail, Wickneswari Ratnam	0.568	Q4
161	2019	BTEX compositions and its potential health impacts in Malaysia	Chemosphere	Mohd Talib Latif, Haris Hafizal Abd Hamid, Fatimah Ahamad, Md Firoz Khan, Mohd Shahrul M. Nadzir, Murnira Othman, Mazrura Sahani, Muhammad Ikram A. Wahab, Noorlin Mohamad, Royston Uning, Seng C. Poh, Muhammad F. Fadzil, Justin Sentian, Norhayati Md Tahir	4.427	Q1
162	2019	Chemical characterisation of water-soluble ions in atmospheric particulate matter on the east coast of Peninsular Malaysia	Atmospheric Chemistry and Physics	Naomi J. Farren, Rachel E. Dunmore, Mohammed Iqbal Mead, Mohd Shahrul Mohd Nadzir, Azizan Abu Samah, Siew-Moi Phang, Brian J. Bandy,	5.509	Q1

				William T. Sturges and Jacqueline F. Hamilton		
163	2019	Discovering opportunities to meet the challenges of an effective waste electrical and electronic equipment recycling system in Malaysia	Journal of Cleaner Production	Haikal Ismail, Marlia Mohd Hanafiah	5.651	Q1
164	2019	Distribution, sources and potential health risks of polycyclic aromatic hydrocarbons (PAHs) in PM2.5 collected during different monsoon seasons and haze episode in Kuala Lumpur	Chemosphere	Nor Azura Sulong, Mohd Talib Latif, Mazrura Sahani, Md Firoz Khan, Muhammad Fais Fadzil, Norhayati Mohd Tahir, Noorlin Mohamad, Nobumitsu Sakai, Yusuke Fujii Murnira Othman, SusumuTohno	4.427	Q1
165	2019	Factorial design and optimization of landfill leachate treatment using tannin-based natural coagulant	Polymers	Tawfiq J. H. Banch, Marlia M. Hanafiah, Abbas F. M. Alkarkhi, Salem S. Abu Amr	2.935	Q1
166	2019	ForestGapR: An r Package for forest gap analysis from canopy height models	Methods in Ecology and Evolution	Carlos A. Silva, Ruben Valbuena, Ekena R. Pinage, Midhun Mohan, Danilo R. A. de Almeida, Eben North Broadbent, Wan Shafrina Wan Mohd Jaafar, Daniel de Almeida Papa, Adrian Cardil, Carine Klauberg	6.363	Q1
167	2019	Left-handed metamaterial bandpass filter for GPS, Earth Exploration-Satellite and WiMAX frequency sensing applications	PLoS ONE	Md. Jubaer Alam, Eistiak Ahamed, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Ahmed Mahfuz Tamim	2.766	Q1
168	2019	Membraneless polyester microdroplets as primordial compartments at the origins of life	Proceedings of the National Academy of Sciences of the United States of America	Tony Z. Jia, Kuhan Chandru, Yayoi Hongo, Rehana Afrin, Tomohiro Usui, Kunihiro Myojo, and H. James Cleaves II	9.504	Q1
169	2019	Response of ionospheric profile parameters to equatorial electrojet over peruvian station	Earth and Space Science	S. A. Bello, M. Abdullah, N. S. A. Hamid, B. W. Reinisch, A. Yoshikawa, A. Fujimoto	3.221	Q1
170	2019	Risk of concentration of major air pollutants on the prevalence of cardiovascular and respiratory diseases in urbanized areas of Kuala Lumpur, Malaysia	Ecotoxicology and Environmental Safety	Muhammad Abdul Basit Ahmad Tajudin, Md Firoz Khan, Wan Rozita Wan Mahiyudin, Rozita Hod, Mohd Talib Latif, Ahmad Hazuwan Hamid, Sufian Abd Rahman, Mazrura Sahani	3.974	Q1
171	2019	Spatial and temporal risk quotient based river assessment for water resources management	Environmental Pollution	Wan Hanna Melini Wan Mohtar, Khairul Nizam Abdul Maulud, Nur Shazwani Muhammad, Suraya Sharil, Zaher Mundher Yaseen	4.358	Q1

172	2019	Spatio-temporal assessment of nocturnal surface ozone in Malaysia	Atmospheric Environment	Mohd FameyYusoff, Mohd Talib Latif, Liew Juneng, Md Firoz Khan, Fatimah Ahamad, Jing Xiang Chung, Anis Asma Ahmad Mohtar	3.708	Q1
173	2019	Thermodynamic properties of mirror structures in the magnetosheath: MMS observations and double-polytropic MHD simulations	The Astrophysical Journal	Wai-Leong Teh, Seiji Zenitani	5.551	Q1
174	2019	Ambient BTEX levels over urban, suburban and rural areas in Malaysia	Air Quality, Atmosphere and Health	Haris Hafizal Abd Hamid, Mohd Talib Latif, Mohd Shahrul Mohd Nadzir, Royston Uning, Md Firoz Khan	2.662	Q2
175	2019	Composite circular split ring resonator (CSRR)-based left-handed metamaterial for C- and Ku-band application	Results In Physics	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Eistiak Ahamed	2.147	Q2
176	2019	Comprehensive coastal vulnerability assessment and adaptation for Cherating-Pekan coast, Pahang, Malaysia	Ocean & Coastal Management	Fazly Amri Mohd, Khairul Nizam Abdul Maulud, Othman A. Karim, Rawshan Ara Begum, Nor Aslinda Awang, Anizawati Ahmad, Wan Ahmad Hafiz Wan Mohamed Azhary, Mohd Khairul Amri Kamarudin, Mokhtar Jaafar, Wan Hanna Melini Wan Mohtar	2.276	Q2
177	2019	Design of Split Hexagonal Patch Array Shaped Nano-metaabsorber with Ultra-wideband Absorption for Visible and UV Spectrum Application	Nanoscale Research Letters	Ahasanul Hoque, Mohammad Tariqul Islam, Ali F. Almutairi & Mohammad Rashed Iqbal Faruque	3.159	Q2
178	2019	Discriminating between large-scale oil palm plantations and smallholdings on tropical peatlands using vegetation indices and supervised classification of LANDSAT-8	International Journal of Remote Sensing	Aslinda Oon, Helmi Zulhaidi Mohd Shafri, Alex Mark Lechner and Badrul Azhar	1.782	Q2
179	2019	Dynamics of sediment transport and erosion-deposition patterns in the locality of a detached low-crested breakwater on a cohesive coast	Water	Arniza Fitri, Roslan Hashim, Soroush Abolfathi, Khairul Nizam Abdul Maulud	2.069	Q2
180	2019	Electrically compact SRR-loaded metamaterial inspired quad band antenna for Bluetooth/WiFi/WLAN/WiMAX system	Electronics	Md. Mehedi Hasan, Maskia Rahman, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam ,Mayeen Uddin Khandaker	2.11	Q2
181	2019	Flexible nickel aluminate (NiAl ₂ O ₄) based dual-band double negative metamaterial for microwave applications	Results In Physics	Mohammad Rashed Iqbal Faruquea, Eistiak Ahamed, Md. Atiqur Rahman, Mohammad Tariqul Islam	2.147	Q2

182	2019	Leaching of Organic Toxic Compounds from PVC Water Pipes in Medina Al-Munawarah, Kingdom of Saudi Arabia	Processes	Muhammad Mansoor Shaikh, Marlia Mohd Hanafiah, Alfarooq O. Basheer	2.973	Q2
183	2019	Nickel particle-based compact flexible antenna for modern communication systems	Electronics	Md. Atiqur Rahman, Mohammad Rashed Iqbal Faruque, Eistiak Ahamed, Mohammad Tariqul Islam, Mandeep Singh	2.11	Q2
184	2019	Polarization-dependent tunneled metamaterial structure with enhanced fields properties for X-band application	Results in Physics	Eistiak Ahamed, Mohammad Rashed Iqbal Faruque, Mohd Fais Bin Mansor, Mohammad Tariqul Islam	2.147	Q2
185	2019	Polarization-insensitive infrared-visible perfect metamaterial absorber and permittivity sensor	Results In Physics	Mohammad Jakir Hossain, Mohammad Rashed Iqbal Faruque, Md. Raju Ahmed, Md. Jubaer Alam, Mohammad Tariqul Islam	2.147	Q2
186	2019	Specific absorption rate reduction of multi split square ring metamaterial for L and S band application	Results In Physics	Tayaallen Ramachandran, Mohammad Rashed Iqbal Faruque, Eistiak Ahmed, Sabirin Abdullah	2.147	Q2
187	2019	Split ring resonator loaded horizontally inverse double L-shaped metamaterial for C-, X- and Ku-Band Microwave applications	Results In Physics	Ahmed Mahfuz Tamim, Mohammad Rashed Iqbal Faruque, Md. Jubaer Alam, Sikder Sunbeam Islam, Mohammad Tariqul Islam	2.147	Q2
188	2019	Two-dimensional reconstruction of magnetic mirror structures with pressure anisotropy: Theory and application	Journal of Geophysical Research: Space Physics	Wai-Leong Teh	2.752	Q2
189	2019	U-joint Double split O (UDO) shaped with split square metasurface absorber for X and ku band application	Results in Physics	Ahasanul Hoque, Mohammad Tariqul Islam, Ali F. Almutairi, Mohammad Rashed Iqbal Faruque, Mandeep Jit Singh, Md. Shabiul Islam	2.147	Q2
190	2019	A statistical study of photospheric magnetic field properties of active regions associated with M- and X-class flares using SDO/HMI vector magnetic field data	Journal of Atmospheric and Solar-Terrestrial Physics	Wai-Leong Teh	1.492	Q3
191	2019	Characterization of the South Atlantic anomaly	Nonlinear Processes in Geophysics	Khairul Afifi Nasuddin, Mardina Abdullah, Nurul Shazana Abdul Hamid	1.129	Q3
192	2019	Evolution of river geomorphology to water quality impact using remote sensing and GIS technique	Desalination and Water Treatment	Mohd Khairul Amri Kamarudin, Aliyu Muhammad Nalado, Mohd Ekhwan Toriman, Hafizan Juahir, Roslan Umar, Azimah Ismail, Noorjima Abd Wahab,	1.383	Q3

				Muhammad Hafiz Md Saad, Khairul Nizam Maulud, Marlia Mohd Hanafiah, Ahmad Shakir Mohd Saudi, Hazamri Harith		
193	2019	Hidden concepts in the history and philosophy of origins-of-life studies: a workshop report	Origins of Life and Evolution of the Biosphere	Mariscal, Barahona, Aubert-Kato, Aydinoglu, Bartlett, Cárdenas, Chandru, Cleland, Cocanougher, Comfort, Cornish-Bowden, Deacon, Froese, Giovannelli, Hernlund, Hut, Kimura, Maurel, Moreno, Nakagawa, Peretó, Virgo, Witkowski, Cleaves II	1.464	Q3
194	2019	Inspirasi antena metabahan yang boleh dikonfigurasi untuk komunikasi 5G	Sains Malaysiana	Mohammad Rashed Iqbal Faruque, Md Mehedi Hasan, Muhamad Roszaini Roslan, Mohammad Tariqul Islam, Sharifah Mastura Syed Abdullah	0.565	Q3
195	2019	Kadar pelepasan bromokarbon jangka hayat pendek oleh rumpai laut tropika menggunakan simulasi Laut Tropika	Sains Malaysiana	Chandran Raynusha, Mohammad Rozaimi, Nur Hidayah, Kuhan Chandru, Wan Shafrina Wan Mohd Jaafar, Noor Liana Mat Yajit, Mohd Shahrul Mohd Nadzir	0.565	Q3
196	2019	Observation of seasonal asymmetry in the range spread F occurrence at different longitudes during low and moderate solar activity	Annales Geophysicae	Abimbola O. Afolayan, Mandeep Jit Singh, Mardina Abdullah, Suhaila M. Buhari, Tatsuhiro Yokoyama, Pornchai Supnithi	1.621	Q3
197	2019	Observed trends in extreme temperature over the Klang Valley, Malaysia	Advances in Atmospheric Sciences	Ahmad Norazhar Mohd Yatim, Mohd Talib Latif, Fatimah Ahamad, Md Firoz Khan, Mohd Shahrul Mohd Nadzir, Liew Juneng	1.869	Q3
198	2019	Preparation of flexible substrate for patch antenna based on nickel aluminate (NiAl ₂ O ₄) synthesized by SolGel method	Journal of Electronic Materials	Md Atiqur Rahman, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.566	Q3
199	2019	Sedimentation and water quality deterioration problems at Terengganu River Basin, Terengganu, Malaysia	Desalination and Water Treatment	Noorjima Abd Wahab, Mohd Khairul Amri Kamarudin, Mohd Ekhwan Toriman, Hafizan Juahir, Muhammad Hafiz Md Saad, Frankie Marcus Ata, Adiana Ghazali, Abdul Rahman Hassan, Hanif Abdullah, Khairul Nizam Maulud, Marlia Mohd Hanafiah, Hazamri Harith	1.383	Q3

200	2019	Statistical evaluation of landfill leachate system and its impact on groundwater and surface water in Malaysia	Sains Malaysiana	Tawfiq J.H. Banch, Marlia M. Hanafiah, Abbas F.M. Alkarkhi & Salem Abu Amr	0.565	Q3
201	2019	Statistics of spread F characteristics across different sectors and IRI 2016 prediction	Advances in Space Research	A.O. Afolayan, J.S. Mandeep, M. Abdullah, S.M. Buhari	1.529	Q3
202	2019	Sumber penyumbang Karbon ke dalam Sedimen Dataran Rumput Laut di Muara Sungai Pulai, Johor, Malaysia	Sains Malaysiana	Nur Hidayah, Mohammad Rozaimi , Mohd Shahrul Mohd Nadzir	0.565	Q3
203	2019	Thin-layer dielectric and left-handed metamaterial stacked compact triband antenna for 2 GHz to 4 GHz wireless networks	Journal of Electronic Materials	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.566	Q3
204	2019	A 16 modified antipodal Vivaldi antenna array for microwave based breast tumor imaging applications	Microwave and Optical Technology Letters	Md Samsuzzaman, Mohammad Tariqul Islam, Md T. Islam, Abdullah A. S. Shovon, Rashed I. Faruque, Norbahiah Misran	0.948	Q4
205	2019	Assessment of signal processing methods for geomagnetic precursor of the 2012 M6.9 Visayas, Philippines earthquake	Acta Geophysica	Khairul Adib Yusof, Nurul Shazana Abdul Hamid, Mardina Abdullah, Suaidi Ahadi, Akimasa Yoshikawa	0.709	Q4
206	2019	Bandwidth enhanced metamaterial embedded inverse L-slotted antenna for WiFi/WLAN/WiMAX wireless communication	Materials Research Express	Md Mehedi Hasan, Maskia Rahman, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.151	Q4
207	2019	Isoprene hotspots at the Western Coast of Antarctic Peninsula during MASEC16	Polar Science	M. S. M. Nadzir, M. Cain, A. D. Robinson, C. Bolas, N. R. P. Harris, I. Parnikoza, E. Salimun, E. M. Mustafa, K. M. Alhasa, M. H. M. Zainuddin, O. C. Ghee, K. Morris, M. F. Khan, M. T. Latif, B. M. Wallis, ...	1.031	Q4
208	2019	Kadar pelepasan bromokarbon jangka hayat pendek oleh rumpai laut tropika menggunakan simulasi laut tropika	Sains Malaysiana	Chandran Raynusha, Mohammad Rozaimi, Nur Hidayah, Kuhan Chandru, Wan Shafrina Wan Mohd Jaafar, Noor Liyana Mat Yajit , Mohd Shahrul Mohd Nadzir	0.565	Q4
209	2019	Microwave imaging based breast tumor detection using compact wide slotted UWB patch antenna	Optoelectronics and Advanced Materials, Rapid Communications	Md. Tarikul Islam, M. Samsuzzaman, M. R. I. Faruque, Mandeep Jit Singh, M. T. Islam	0.386	Q4
210	2019	Right hand circularly polarized 2.40 GHz truncated corner patch antenna for small satellite application	Journal of Optoelectronics and Advanced Materials	Md. Samsuzzaman, Norbahiah Misran, M. Tarikul Islam, M. R. I. Faruque, Mohammad Tariqul Islam	0.39	Q4

211	2019	Split ring resonator loaded EF-structured left-handed metamaterial for modern electronic communications	European Physical Journal Applied Physics	Ahmed Mahfuz Tamim, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Sabirin Abdullah	0.802	Q4
212	2019	Terrestrial Radionuclides In Surface (DAM) Water And Concomitant Dose In Metropolitan Kuala Lumpur	Radiation Protection Dosimetry	Mayeen Uddin Khandaker, Onosohwo Bemigho Uwatse, Khairi Azri Bin Shamsul Khairi, M. R. I. Faruque, D. A. Bradley	0.822	Q4
213	2018	Analysis of the regional ionosphere at low latitudes in support of the biomass ESA mission	IEEE Transactions on Geoscience and Remote Sensing	Alfonsi, L., Povero, G., Luca, S., Cesaroni, C., Forte, B., Mitchell, C. N., Burston, R., Veettil, S. V., Aquino, M., Klausner, V., Muella, M. T. A. H., Pezzopane M., Giuntini A., Hunstad, I., Franceschi, G. D., Musico, E., Pini, M. & nine others	4.942	Q1
214	2018	Calibration model of a low-cost air quality sensor using an adaptive neuro-fuzzy inference system	Sensors	Kemal Maulana Alhasa, Mohd Shahrul Mohd Nadzir, Popoola Olalekan, Mohd Talib Latif, Yusri Yusup, Mohammad Rashed Iqbal Faruque, Fatimah Ahamad, Haris Hafizal Abd. Hamid, Kadaruddin Aiyub, Sawal Hamid Md Ali, Md Firoz Khan, Azizan Abu Samah, Imran Yusuff	2.677	Q1
215	2018	Capacitated vehicle-routing problem model for scheduled solid waste collection and route optimization using PSO algorithm	Waste Management	M.A. Hannan, Mahmuda Akhtar, R.A. Begum, H. Basri, A. Hussain, Edgar Scavino	4.03	Q1
216	2018	Concentration of heavy metals in seafood (fishes, shrimp, lobster and crabs) and human health assessment in Saint Martin Island, Bangladesh	Ecotoxicology and Environmental Safety	Mohammad Abdul Baki, Md. Muzammel Hossain, Jhuma Akter, Shamshad B. Quraishi, Md. Fajlul Haque Shojib, A.K.M. Atique Ullah, Md Firoz Khan	3.743	Q1
217	2018	Constraining the emission of particulate matter from Indonesian peatland burning using continuous observation data	Journal of Geophysical Research- Atmospheres	Mikinori Kuwata, Gautham-Giri Neelam-Naganathan, Takuma Miyakawa, Md Firoz Khan, Osamu Kozan, Masahiro Kawasaki, Syahrial Sumin, and Mohd Talib Latif	3.454	Q1
218	2018	Dual Band Metamaterial Antenna For LTE/Bluetooth/WiMAX System	Scientific Reports	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	4.259	Q1
219	2018	Impact of regional haze towards air quality in Malaysia: A review	Atmospheric Environment	Latif, M. T., Othman, M., Idris, N., Juneng, L., Abdullah, A. M.,	3.269	Q1

				Hamzah, W. P., Khan, M. F., Nik Sulaiman, N. M., Jewaratnam, J., Aghamohammadi, N., Sahani, M., Xiang, C. J., Ahamad, F., Amil, N., Darus, M., Varkkey, H., Tangang, F., and Jaafar, A. B.		
220	2018	Impact of the 2015 wildfires on Malaysian air quality and exposure: a comparative study of observed and modeled data	Environmental Research Letters	Mohammed Iqbal Mead, Stefano Castruccio, Mohd Talib Latif, Mohd Shahrul Mohd Nadzir, Doreena Dominick, Abhinav Thota, Paola Crippa	4.404	Q1
221	2018	Impact of the 2015 wildfires on Malaysian air quality and exposure: a comparative study of observed and modeled data	Environmental Research Letters	Mohammed Iqbal Mead, Stefano Castruccio, Mohd Talib Latif, Mohd Shahrul Mohd Nadzir, Doreena Dominick, Abhinav Thota, Paola Crippa	4.404	Q1
222	2018	Improving individual tree crown delineation and attributes estimation of tropical forests using airborne LiDAR data	Forests	Wan Shafrina Wan Mohd Jaafar, Iain Hector Woodhouse, Carlos Alberto Silva, Hamdan Omar, Khairul Nizam Abdul Maulud, Andrew Thomas Hudak, Carine Klauberg, Adrián Cardil and Midhun Mohan	1.951	Q1
223	2018	Left-handed metamaterial inspired by joint TD geometry on flexible NiAl ₂ O ₄ substrate	PLoS ONE	Eistiak Ahamed, Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohd Fais Bin Mansor, Sabirin Abdullah, Mohammad Tariqul Islam	2.806	Q1
224	2018	Local and transboundary factors impacts on trace gases and aerosol during haze episode in 2015 El Nino in Malaysia	Science of the Total Environment	Nur Adilla Che Samsuddin, Md Firoz Khan, Khairul Nizam Abdul Maulud, Ahmad Hazuwan Hamid, Fahia Tarannum Munna, Muhammad Aizat Ab Rahim, Mohd Talib Latif, Md. Akhtaruzzaman	4.9	Q1
225	2018	Perfect metamaterial absorber with high fractional bandwidth for solar energy harvesting	PLoS ONE	Mohammad Jakir Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.806	Q1
226	2018	Potential factors that impact the radon level and the prediction of ambient dose equivalent rates of indoor microenvironments	Science of the Total Environment	Mohamed Yasreen Mohamed Ali, Marlia M. Hanafiah, Md Firoz Khan	4.9	Q1
227	2018	Preparation of NiAl ₂ O ₄ - based flexible substrates for metamaterials with negative dielectric properties	Scientific Reports	Md Atiqur Rahman, Eistiak Ahamed, Mohammad Rashed	4.259	Q1

				Iqbal Faruque, Mohammad Tariqul Islam		
228	2018	Composition of carbohydrates, surfactants, major elements and anions in PM2.5 during the 2013 Southeast Asia high pollution episode in Malaysia	Particuology	Shoffian Amin Jaafar, Mohd Talib Latif, Intan SurayaRazak, Nurul Bahiyah Abd Wahid, Md Firoz Khan, Thunwadee Srithawirat	2.621	Q2
229	2018	Grad-Shafranov reconstruction of magnetohydrostatic equilibria with nonisotropic plasma pressure: the theory	Earth, Planets and Space	Wai-Leong Teh	2.243	Q2
230	2018	Labyrinth double split open loop resonator based bandpass filter design for S, C and X-band application	Journal of Physics D: Applied Physics	Jubaer Alam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.588	Q2
231	2018	Left handed metasurface loaded with ring resonator modelling for satellite application	International Journal of Satellite Communications and Networking	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.079	Q2
232	2018	Measurement of the magnetic reconnection rate in the Earth's magnetotail	Journal of Geophysical Research: Space Physics	T. K. M. Nakamura, K. J. Genestreti, Y.-H. Liu, R. Nakamura, W.-L. Teh, H. Hasegawa, W. Daughton, M. Hesse, R. B. Torbert, J. L. Burch, B. L. Giles	2.733	Q2
233	2018	Reservoir inflow forecasting with a modified coactive neuro-fuzzy inference system a case study for a semi-arid region	Theoretical Applied Climatology	Mohammed Falah Allawi & Othman Jaafar & Firdaus Mohamad Hamzah, Nuruol Syuhadaa Mohd & Ravinesh C. Deo & Ahmed El-Shafie	2.64	Q2
234	2018	Review on applications of artificial intelligence methods for dam and reservoir-hydro-environment models	Environmental Science and Pollution Research	Mohammed Falah Allawi, Othman Jaafar, Firdaus Mohamad Hamzah, Sharifah Mastura Syed Abdullah, Ahmed El-shafie	2.741	Q2
235	2018	Seasonal variations of atmospheric particulate matter and its content of heavy metals in Klang Valley, Malaysia	Aerosol and Air Quality Research	Rasheida E. Elhadi, Ahmad Makmom Abdullah, Abdul Halim Abdullah, Zulfa Hanan Ashaari, Md Firoz Khan	2.606	Q2
236	2018	Spatial-temporal variations in surface ozone over Ushuaia and the Antarctic region: observations from in situ measurements, satellite data, and global models	Environmental Science and Pollution Research	Mohd Shahrul Mohd Nadzir , Matthew J. Ashfold, Md Firoz Khan, Andrew D. Robinson, Conor Bolas , Mohd Talib Latif, & Benjamin M. Wallis, Mohammed Iqbal Mead, Haris Hafizal Abdul Hamid, Neil R. P. Harris, Zamzam Tuah Ahmad Ramly, Goh Thian Lai [and 15others	2.741	Q2

237	2018	Surfactants in the sea surface microlayer, subsurface water and fine marine aerosols in different background coastal areas	Environmental Science and Pollution Research	Suhana Shaharom, Mohd Talib Latif, Md Firoz Khan, Siti Norbalqis Mohd Yusof, Nor Azura Sulong, Nurul Bahiyah Abd Wahid, Royston Uning, Suhaimi Suratman	2.741	Q2
238	2018	Surfactants in the sea surface microlayer, underlying water and atmospheric particles of tropical coastal ecosystems	Water, Air and Soil Pollution	Royston Uning, Mohd Talib Latif, Kai Ling Yu, Sze Yin Cheng, Fatimah Ahamad, Md Firoz Khan, Edmand Andrew Bedurus, Suhaimi Suratman	1.702	Q2
239	2018	A new metamaterial-based wideband rectangular invisibility cloak	Applied Physics A - Materials Science & Processing	S. S. Islam, M. M. Hasan, M. R. I. Faruque	1.455	Q3
240	2018	Correction: Compact left-handed meta-atom for S-, C- and Ku-band application [Appl. Sci., 7, (2017) (1071)]	Applied Sciences	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.679	Q3
241	2018	Depiction and analysis of a modified theta shaped double negative metamaterial for satellite application	Open Physics	Md. Jubaer Alam, Mohammad Rashed Iqbal Faruque, Taya Allen, Sabirin Abdullah, Mohammad Tariqul Islam, Khairul Nizam Abdul Maulud, Eistiak Ahamed	0.745	Q3
242	2018	Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Surface Sediments of Langkawi Island, Malaysia	Sains Malaysiana	Terence Ricky Chiu, Md Firoz Khan, Mohd Talib Latif, Mohd Shahrul Mohd Nadzir, Haris Hafizal Abdul Hamid, Hafidz Yusoff, Masni Mohd Ali	0.47	Q3
243	2018	Double-split labyrinth resonator with defective ground system for wide-band band-stop filter application	AIP Advances	Md. Jubaer Alam, Mohammad Rashed Iqbal Faruque, Sabirin Abdullah, Mohammad Tariqul Islam	1.568	Q3
244	2018	Effective medium ratio obeying wideband left-handed miniaturized meta-atoms for multi-band applications	Journal of Electronic Materials	Mohammad Jakir Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.579	Q3
245	2018	Fostering research aptitude among high school students through space weather competition	Advances in Space Research	M. Abdullah, R.A. Majid, B. Bais, N.S. Bahri, M.F. Asillam	1.401	Q3
246	2018	Impact of shoreline changes to Pahang coastal area by using geospatial technology	Sains Malaysiana	Fazly Amri Mohd, Khairul Nizam Abdul Maulud, Rawshan Ara Begum, Siti Norsakinah Selamat & Othman A. Karim	0.47	Q3
247	2018	Improved square-Z-shaped DNG meta-atom for C- and X-band application	Current Science	Md. Mehedi Hasan, Mohammad Rashed Iqbal	0.843	Q3

				Faruque, Mohammad Tariqul Islam		
248	2018	Integrated attitude-orbit dynamics and control of spacecraft systems: state of the art and future trends	IEEE Aerospace & Electronic Systems Magazine	Mohamad Fakhari Mehrjardi, Hilmi Sanusi, Mohd. Alauddin Mohd. Ali, Mardina Abdullah	0.771	Q3
249	2018	The relation of neighbouring land use type and sedimentary characteristics of fluvial sediments in tropical rivers	Sains Malaysiana	Wan Hanna Melini Wan Mohtar, Siti Aminah Bassa Nawang, Mohd Shafique Noor Rahman, Wan Zawiah Wan Zin, Khairul Nizam Abdul Maulud	0.47	Q3
250	2018	Tree-shaped fractal meta-surface with left-handed characteristics for absorption application	Applied Physics A Materials Science & Processing	M. R. I. Faruque, M. M. Hasan, M. T. Islam	1.455	Q3
251	2018	A broadband negative refractive index meta-atom for quad-band and sensor applications	Microwave & Optical Technology Letters	Mohammad J. Hossain, Mohammad R. I. Faruque, M. J. Alam, Mohd Fais Mansor, Mohammad T. Islam	0.731	Q4
252	2018	Architecture of a unified split P-shaped swarming metamaterial for thermal mutation	Microwave and Optical Technology Letters	Jubaer M. Alam, Mohammad R. I. Faruque, Mohammad J. Hossain, Mohammad T. Islam	0.731	Q4
253	2018	Beam steering of eye shape metamaterial design on dispersive media by FDTD method	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.622	Q4
254	2018	CO2 effects on larval development and genetics of mealworm beetle, tenebrio molitor l. (coleoptera: tenebrionidae) in two different CO2 systems	Applied Ecology And Environmental Research	Nur Hasyimah, R., Nor Atikah, A. R., Halim, M, m Muhaimin, A. M. D., Nizam, m. S., Hanafiah, M. & Yaakop, S.	0.681	Q4
255	2018	Composition of trace metals in indoor dust during and after building renovation	Environmental Engineering and Management Journal	Mohd Talib Latif, Tan Sheh Na, Nor Hafizah Baharudin, Thunwadee Srithawirat, Noorlin Mohamad, Md Firoz Khan, Fazrul Razman Sulaiman	1.096	Q4
256	2018	Current trends and policies of energy consumption and CO2 emission from the largest Asian economies	International Journal of Global Warming	Md. Sujahangir Kabir Sarkar, Rawshan Ara Begum, Sumaiya Sadeka, Joy Jacqueline Pereira	0.66	Q4
257	2018	Depiction and analysis of a modified H-shaped double-negative meta atom for satellite communication	International Journal of Microwave and Wireless Technologies	Md. Jubaer Alam, Mohammad Rashed Iqbal Faruque, Rezaul Azim, Mohammad Tariqul Islam	0.976	Q4
258	2018	Design and analysis with different substrate materials of a new metamaterial for satellite applications	Science and Engineering of Composite Materials	Sikder Sunbeam Islam, Md Atiqur Rahman, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.48	Q4
259	2018	Double arrow shaped negative index metamaterial for tri-band applications	Journal of Optoelectronics and Advanced Materials	Sikder Sunbeam Islam, Md. Mehedi Hasan, Mohammad	0.449	Q4

				Rashed Iqbal Faruque, Mohammad Tariqul Islam		
260	2018	Reconfigurable metamaterial for 5G application	Journal of Optoelectronics and Advanced Materials	M. M. Hasan,E. Ahamed,M. R. I. Faruque,M. T. Islam,S. Abdullah	0.449	Q4
261	2017	Application of computable general equilibrium (CGE) to climate change mitigation policy: A systematic review	Renewable and Sustainable Energy Reviews	Kazeem Alasinrin Babatunde, Rawshan Ara Begum, Fathin Faizah Said	6.798	Q1
262	2017	Backtracking search algorithm in CVRP models for efficient solid waste collection and route optimization	Waste Management	Mahmuda Akhtar, M.A. Hannan, R.A. Begum, Hassan Basri, Edgar Scavino	3.829	Q1
263	2017	Characterization and source profiling of volatile organic compounds in indoor air of private residences in Selangor State, Malaysia	Science of the Total Environment	Nobumitsu Sakai, Shuta Yamamoto, Yasuto Matsui, Md Firoz Khan, Mohd Talib Latif, Mustafa Ali Mohd, Minoru Yoneda	3.976	Q1
264	2017	Climatology of successive equatorial plasma bubbles observed by GPS ROTI over Malaysia climatology	Journal of Geophysical Research: Space Physics	S.M Buhari, M. Abdullah, T. Yokoyama, Y.Otsuka, M. Nishioka, A.M Hasbi, S.A Bahari and T.Tsugawa	3.318	Q1
265	2017	Coordinated observations of postmidnight irregularities and thermospheric neutral winds and temperatures at low latitudes	Journal of Geophysical Research: Space Physics	Tam Dao, Yuichi Otsuka, Kazuo Shiokawa, Michi Nishioka, Mamoru Yamamoto, Suhaila M. Buhari, Mardina Abdullah and Asnawi husin	3.318	Q1
266	2017	Evolution of a typical ion-scale magnetic flux rope caused by thermal pressure enhancement	Journal of Geophysical Research: Space Physics	W.-L. Teh, T. K. M. Nakamura, R. Nakamura, W. Baumjohann, C. T. Russell, C. Pollock, P.-A. Lindqvist, R. E. Ergun, J. L. Burch, R. B. Torbert, and B. L. Giles	3.318	Q1
267	2017	Impact of urbanization level on the interactions of urban area, the urban climate, and human thermal comfort	Applied Geography	Kenobi Isima Morris, Andy Chan, Kwami Justina Kwami Morris, Maggie C.G. Ooi, Muhammad Y. Oozer, Yousif Abdalla Abakr, Mohd Shahrul Mohd Nadzir, Isah Yakub Mohammed,Haidar Fadhil Al-Qrimli	2.565	Q1
268	2017	MMS observations of oblique small-scale magnetopause flux ropes near the ion diffusion region during weak guide-field reconnection	Geophysical Research Letters	W.-L. Teh, R. E. Denton, B. U. O. Sonnerup, C. Pollock	4.212	Q1
269	2017	Quantitative source apportionment and human toxicity of indoor trace metals at university buildings	Building and Environment	Mohd Yasreen Ali, Marlia M. Hanafiah, Md Firoz Khan, Mohd Talib Latif	3.394	Q1
270	2017	Source apportionment and health risk assessment among specific age groups during	Science of the Total environment	Nor Azura Sulong, Mohd Talib Latif, Md Firoz Khan, Norhaniza	3.976	Q1

		haze and non-haze episodes in Kuala Lumpur, Malaysia		Amil, Matthew J. Ashfold, Muhammad Ikram Abdul Wahab, Kok Meng Chan, Mazrura Sahani		
271	2017	Textural characteristics and sedimentary environment of sediment at eroded and deposited regions in the severely eroded coastline of Batu Pahat, Malaysia	Science of The Total Environment	Wan Hanna Melini Wan Mohtar, Siti Aminah Bassa Nawang, Khairul Nizam Abdul Maulud, Yannie Anak Benson, Wan Ahmad Hafiz Wan Ahmad Azhary	3.976	Q1
272	2017	A dual-polarized metamaterial-based cloak	Materials Research Bulletin	Sikder Sunbeam Islam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.435	Q2
273	2017	A mirror shape chiral meta atom for c-band communication	IEEE Access	Md Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.27	Q2
274	2017	A new compact octagonal shape perfect metamaterial absorber for microwave applications	Applied Sciences	Mohammad Jakir Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Kamarulzaman bin Mat	1.726	Q2
275	2017	An effective medium ratio obeying meta-atom for multiband applications	Bulletin of the Polish Academy of Sciences: Technical Sciences	M. J. Hossain, M. R. I. Faruque, M. T. Islam, S. S. Islam	1.087	Q2
276	2017	Characterization of rainwater chemical composition after a Southeast Asia haze event: insight of transboundary pollutant transport during the northeast monsoon	Environmental Science and Pollution Research	Mohd Shahrul Mohd Nadzir, Chin Yik Lin, Md Firoz Khan, Mohd Talib Latif, Doreena Dominick, Haris Hafizal Abdul Hamid, Noorlin Mohamad, Khairul Nizam Abdul Maulud, Muhammad Ikram Abdul Wahab, Nurul Farahana Kamaludin, Mohamad Azwani Shah Mat Lazim	2.76	Q2
277	2017	Charge Equalization Controller Algorithm for Series-Connected Lithium-Ion Battery Storage Systems: Modeling and Applications	Energies	Mahammad A. Hannan, Mohammad M. Hoque, Rawshan A. Begum, Azah Mohamed	2.077	Q2
278	2017	Compact left-handed meta-atom for s-, c- and ku-band application	Applied Sciences-Basel	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.726	Q2
279	2017	Concentration and source apportionment of volatile organic compounds (VOCs) in the ambient air of Kuala Lumpur, Malaysia	Natural Hazards	Puteri Nurafidah Hosaini, Md Firoz Khan, Nur Ili Hamizah Mustaffa, Norhaniza Amil, Noorlin Mohamad, Shoffian	1.746	Q2

				Amin Jaafar, Mohd Shahrul Mohd Nadzir, Mohd Talib Latif		
280	2017	Design and analysis of a new composite double negative metamaterial for multi-band communication	Current Applied Physics	Mohammad Jakir Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.144	Q2
281	2017	Influences of inorganic and polycyclic aromatic hydrocarbons on the sources of PM2.5 in the Southeast Asian urban sites	Air Quality, Atmosphere & Health	Md Firoz Khan, Saw Wuan Hwa, Lim Chee Hou, Nur Ili Hamizah Mustaffa, Norhaniza Amil, Noorlin Mohamad, Mazrura Sahani, Shoffian Amin Jaafar, Mohd Shahrul Mohd Nadzir, Mohd Talib Latif	2.324	Q2
282	2017	Parametric studies on split S-shaped composite meta atom for X-band communication	Bulletin of The Polish Academy of Sciences: Technical Sciences	M.M. Hasan, M.R.I. Faruque, M.T. Islam	1.087	Q2
283	2017	Towards the Prediction of Irreducible Error Floor in Space Time Trellis Code	IEEE Communications Letters	Ungku Azmi Ungku Chulan, Mardina Abdullah, Nor Fadzilah Abdullah	1.291	Q2
284	2017	Underestimation of respirable crystalline silica (RCS) compliance status among the granite crusher operators in Malaysian quarries	Air Quality Atmosphere and Health	Suhaily Amran, Mohd Talib Latif, Md Firoz Khan, Eric Goh, Abdul Mutalib Leman, Shoffian Amin Jaafar	2.234	Q2
285	2017	A comparative study of the PIFA and printed monopole antenna EM absorption	Biomedical Engineering/Biomedizinische Technik (BMT)	Md Iqbal Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.65	Q3
286	2017	A new wideband negative refractive index metamaterial for dualband operation	Applied Physics A	S. S. Islam, M. R. I. Faruque, M. T. Islam, M. T. Ali	1.444	Q3
287	2017	Circularly split ring resonator based frequency reconfigurable antenna	Applied Physics A-Materials Science & Processing	M. A. Rahman, M. R. I. Faruque, M. T. Islam	1.444	Q3
288	2017	Compact and broadband antenna using double-negative transmission line metamaterial	Applied Physics A-Material Science & Processing	M. M. Islam, M. R. I. Faruque, M. T. Islam, M. F. Mansor	1.444	Q3
289	2017	Comparison of GPS TEC variations with Holt-Winter method and IRI-2012 over Langkawi, Malaysia	Advances in Space Research	N.A. Elmunim, M. Abdullah, A.M. Hasbi, S.A. Bahari	1.409	Q3
290	2017	Composite left-handed meta-atom for tri-band operation	Materials Research Express	Md. Mehedi Hasan, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.968	Q3
291	2017	Design and analysis of a new double C-shaped miniaturized metamaterial for multiband applications	Applied Physics A	Mohammad Rashed Iqbal Faruque, Mohammad Jakir Hossain, Sikder Sunbeam Islam,	1.444	Q3

				Mohd Faizal Bin Jamlos, Mohammad Tariqul Islam		
292	2017	Double-negative metamaterial for mobile phone application	Applied Physics A-Material Science & Processing	M. I. Hossain,M. R. I. Faruque,M. T. Islam	1.444	Q3
293	2017	EM absorption reduction in wireless mobile antenna using printed paper-based metamaterial	Applied Physics A-Material Science & Processing	Touhidul Alam,Mohammad Tariqul Islam,Salehin Kibria,Mengu Cho,Mohammad Rashed Iqbal Faruque	1.444	Q3
294	2017	Identifying the Monotonic Trend in Climate Change Parameter in Kluang and Senai, Johor, Malaysia	Sains Malaysiana	Firdaus Mohamad Hamzah, Farahani Mohd Saimi & Othman Jaafar	0.35	Q3
295	2017	Left-handed metamaterial using Z-shaped SRR for multiband application by azimuthal angular rotations	Materials Research Express	Md Mehedi Hasan, Mohammad Rashed Iqbal Faruque	0.968	Q3
296	2017	Low-SAR metamaterial-inspired printed monopole antenna	Applied Physics A- Material Science & Processing	M. I. Hossain,M. R. I. Faruque,M. T. Islam,M. T. Ali	1.444	Q3
297	2017	Multi-band planar miniaturised negative-index metamaterials	Materials Technology	M. J. Hossain,M. R. I. Faruque,M. T. Islam	1.442	Q3
298	2017	Multiband left handed biaxial meta atom at microwave frequency	Materials Research Express	Md Mehedi Hasan,Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam	0.968	Q3
299	2017	Pengesanan Gelembung Plasma di dalam Lapisan Ionosfera menggunakan Penerima GPS di Asia Tenggara	Sains Malaysiana	Suhaila M Buhari, Mardina Abdullah, Yuichi Otsuka, Tatsuhiro Yokoyama, Michi Nishioka, Alina Marie Hasbie and Takuya Tsugawa	0.35	Q3
300	2017	Variasi jumlah kandungan elektron ionosfera di Malaysia ketika solar minimum	Sains Malaysiana	Siti Aminah Bahari, Mardina Abdullah, Baharudin Yatim	0.35	Q3
301	2017	Variations of B0 and B1 with the solar quiet Sq- current system and comparison with IRI-2012 model at Ilorin	Advances in Space Research	S.A. Bello, M. Abdullah, N.S.A. Hamid, A. Yoshikawae, A.O. Olawepo	1.409	Q3
302	2017	split quadrilateral miniaturised multiband microstrip patch antenna design for modern communication system	IET Microwaves Antennas & Propagation	Md Jubaer Alam, Mohammad Rashed Iqbal Faruque, Md Mehedi Hasan, Mohammad Tariqul Islam	0.817	Q3
303	2017	A Metamaterial-Embedded Wide-Band Antenna For The Microwave C-Band	Materiali In Tehnologije/Materials And Technology	Md. Iqbal Hossain,Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam,Atiqur Rahman	0.439	Q4
304	2017	A Single Layer Negative Index Meta Atom at Microwave Frequencies	Microwave and Optical Technology Letters	M.M. Hasan,M.R.I. Faruque,M.T. Islam	0.545	Q4
305	2017	A new double T-U-shaped biaxial compact double-negative meta-atom for multiband applications	Microwave and Optical Technology Letters	Mohammad Jakir Hossain,Mohammad R. I. Faruque,Mohammad T. Islam	0.545	Q4

306	2017	A new metasurface based on meta-atom cluster for terahertz applications	Microwave and Optical Technology Letters	M. M. Islam,M. R. I. Faruque,M. T. Islam	0.545	Q4
307	2017	A new miniaturized negative-index meta-atom for tri-band applications	Open Physics	M. J. Hossain,M. R. I. Faruque,S. M. S. Abdullah,M. R. Roslan,M. T. Islam	-	Q4
308	2017	A novel biaxial double-negative metamaterial for electromagnetic rectangular cloaking operation	Science and Engineering of Composite Materials	Sikder Sunbeam Islam, Mohammd Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.467	Q4
309	2017	A polarization dependent left handed metamaterial for telecommunication	IEICE Electronics Express	Mehedi Hasan,Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam	0.344	Q4
310	2017	A tri-band microwave perfect metamaterial absorber	Microwave and Optical Technology Letters	M. M. Hasan,M. R. I. Faruque,M. T. Islam	0.545	Q4
311	2017	An Effective Medium Ratio Following Miniaturized Concentric Meta-Atom For S- And C-Band Applications	Microwave and Optical Technology Letters	M.J. Hossain,M.R.I. Faruque,M.T. Islam	0.545	Q4
312	2017	Bio-Plastic Composite Substrate Material Based Microstrip-Fed Printed Antenna for Wireless Communications	Materiali in Tehnologije / Materials and Technology	Touhidul Alam,Mohammad Rashed Iqbal Faruque,Mohammed Shamsul Alam,Md. Moinul Islam,Md. Zulfiker Mahmud,Mohammad Tariqul Islam	0.439	Q4
313	2017	Design and absorption analysis of a new multiband split-S-shaped metamaterial	Science and Engineering of Composite Materials	Sikder Sunbeam Islam,Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam	0.467	Q4
314	2017	Design and analysis of a complementary split ring resonator (CSRR) metamaterial based antenna for wideband application	Science & Engineering of Composite Materials	Sikder Sunbeam Islam, Touhidul Alam, Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam	0.467	Q4
315	2017	Design of a compact UWB antenna with a partial ground plane on epoxy woven glass material	Science and Engineering of Composite Materials	Md. Moinul Islam,Mohammad Tariqul Islam,Mohammad Rashed Iqbal Faruque,Rabah W. Aldhaeri,Md. Samsuzzaman	0.467	Q4
316	2017	Effects of hand on em absorption and antenna performances for internal handset PIFA	Tehnicki Vjesnik-Technical Gazette	M. R. I. Faruque, M. I. Hossain	0.464	Q4
317	2017	GPS TEC fluctuations over Tromso, Norway, in the solar minimum	Terrestrial, Atmospheric, and Oceanic Sciences	Wei-Sheng Chen, Chien-Chih Lee, Fang-Dar Chu, and Wai-Leong Teh	0.556	Q4
318	2017	Inverse E-shape chiral metamaterial for long distance telecommunication	Microwave and Optical Technology Letters	M. M. Hasan, M. R. I. Faruque, M. T. Islam	0.545	Q4

319	2017	Microstrip line-fed monopole antenna on an epoxy-resin-reinforced woven-glass material for super wideband applications	Science and Engineering of Composite Materials	M. M. Islam, R.W. Aldhaferi, M. M. Sheikh, M. T. Islam, M. Samsuzzaman, M. R. I. Faruque, N. Misran	0.467	Q4
320	2017	Spatial and temporal variability of chlorophyll-a concentration in Makassar Strait using Empirical Orthogonal Function analysis	Indian Journal of Geo Marine Sciences	Nuridin, S., Mustapha, M.A., Lihan,T. & Tangang, F.	0.316	Q4
321	2017	Split quadrilateral multiband microstrip patch antenna design for modern communication system	Microwave and Optical Technology Letters	Md. Jubaer Alam,M. R. I. Faruque,M. T. Islam	0.545	Q4
322	2017	Two Components Nri Metamaterial For Dual Band Applications	Microwave and Optical Technology Letters	S.S. Islam,M.M. Hasan,M.R.I. Faruque,M.T. Islam	0.545	Q4
323	2016	A New Compact Double-Negative Miniaturized Metamaterial for Wideband Operation	Materials	Md. Mehedi Hasan,Mohammad Rashed Iqbal Faruque,Sikder Sunbeam Islam,Mohammad Tariqul Islam	2.651	Q1
324	2016	An Object-Independent ENZ Metamaterial-Based Wideband Electromagnetic Cloak	Scientific Reports	Sikder Sunbeam Islam,Mohammad Rashed Iqbal Faruque,Mohammad Tariqul Islam	5.578	Q1
325	2016	Coalescence of magnetic flux ropes in the ion diffusion region of magnetic reconnection	Nature Physics	Rongsheng Wang, Quanming Lu, Rumi Nakamura, Can Huang, Aimin Du, Fan Guo, Waileong Teh, Mingyu Wu, San Lu and Shui Wang	20.147	Q1
326	2016	Content-based image retrieval system for solid waste bin level detection and performance evaluation	Waste Management	M.A. Hannan, M. Arebey, R.A. Begum, Hassan Basri, Md. Abdulla Al Mamun	3.22	Q1
327	2016	Fine particulate matter in the tropical environment: monsoonal effects, source apportionment, and health risk assessment	Atmospheric Chemistry and Physics	Md Firoz Khan, Mohd Talib Latif, Saw Wuan Hwa, Norhaniza Amil, Mohd Shahrul Mohd Nadzir, Mazrura Sahani, Norhayati Mohd Tahir , Jing Xiang Chung	5.053	Q1
328	2016	Monsoonal variations in atmospheric surfactants at different coastal areas of the Malaysian Peninsula	Marine Pollution Bulletin	Shoffian Amin Jaafar, Mohd Talib Latif, Intan Suraya Razak, Muhammad Zulhilmi Shaharudin, Md Firoz Khan, Nurul Bahiyah Abd Wahid, Suhaimi Suratman	2.991	Q1
329	2016	Seasonal and long term variations of surface ozone concentrations in Malaysian Borneo	Science of The Total Environment	Mohd Talib Latif, Doreena Dominick, Fatimah Ahamad, Nur Shuhada Ahamad, Md Firoz Khan, Liew Juneng, Chung Jing Xiang, Mohd Shahrul Mohd Nadzir Andrew D. Robinson,	4.099	Q1

				Marzuki Ismail, Mohammed Iqbal Mead, Neil R.P. Harris		
330	2016	Seasonal variability of PM2.5 composition and sources in the Klang Valley urban-industrial environment	Atmospheric Chemistry and Physics	Norhaniza Amil, Mohd Talib Latif, Md Firoz Khan and Maznorizan Mohamad	5.053	Q1
331	2016	Trends in Atmospheric Particulate Matter in Dhaka, Bangladesh, and the vicinity	Environmental Science and Pollution Research	Md. Masud Rana, Norela Sulaiman, Bjarne Silvertsen, Md Firoz Khan and Sabera Nasreen	2.828	Q1
332	2016	Application of TOPSIS and VIKOR improved versions in a multi criteria decision analysis to develop an optimized municipal solid waste management model	Journal of Environmental Management	Aghajani Mir M., Taherei Ghazvinei P., Sulaiman N.M.N., Basri N.E.A., Saheri S., Mahmood N.Z., Jahan A., Begum R.A., Aghamohammadi N.	2.723	Q2
333	2016	Design and analysis of coupled-resonator reconfigurable antenna	Applied Physics A:Materials Science & Processing	M. I. Hossain, M. R. I. Faruque, M. T. Islam & M. T. Ali	1.704	Q2
334	2016	Dynamical features of GPS PWV variation associated with lightning activity	International Journal of Remote Sensing	Wayan Suparta, Jaafar Adnan and Mohd. Alauddin Mohd. Ali	1.652	Q2
335	2016	Modeling of Precipitable Water Vapor using an Adaptive Neuro-Fuzzy Inference System in the Absence of the GPS Network	Journal of Applied Meteorology and Climatology	Wayan Suparta and Kemal Maulana Alhasa	2.54	Q2
336	2016	Source apportionment and health risk assessment of PM10 in a naturally ventilated school in a tropical environment	Ecotoxicology and Environmental Safety	Noorlin Mohamad, Mohd Talib Latif, Md Firoz Khan	2.762	Q2
337	2016	Spatial interpolation of GPS PWV and meteorological variables over the west coast of Peninsular Malaysia during 2013 Klang Valley Flash Flood	Atmospheric Research	Wayan Suparta, Rosnani Rahman	2.884	Q2
338	2016	Specific absorption rate analysis of broadband mobile antenna with negative index metamaterial	Applied Physics A:Materials Science & Processing	Touhidul Alam, Mohammad Rashed Iqbal Faruque & Mohammad Tariqul Islam	1.704	Q2
339	2016	A Compact Disc-Shaped Printed Antenna Using Parasitic Element on Ground Plane for Super Wideband Applications	Applied Computational Electromagnetics Society Journal	M. M. Islam, M. R. I. Faruque, M. T. Islam	0.806	Q3
340	2016	A compact disc-shaped super wideband patch antenna with a structure of parasitic element	International Journal of Applied Electromagnetics and Mechanics	M.M. Islama, M.T. Islam, M.R.I. Faruque, N.Misran, M. Samsuzzaman, M.I. Hossaina and T. Alam	0.815	Q3
341	2016	A corded shape printed wideband antenna design for multi-standard mobile applications	Telecommunication Systems	M. R. I. Faruque, T. Alam, M. T. Islam	0.705	Q3
342	2016	A quadrilateral shape broadband antenna for wireless application	International Journal of Applied Electromagnetics and Mechanics	T. Alam, M.T. Islam, M.R.I. Faruque, F. Mansor, H. Arshad and M. Samsuzzaman	0.815	Q3
343	2016	Comparison of Maximum Usable Frequency (MUF) Variability over Peninsular Malaysia	Journal of Atmospheric and Solar-Terrestrial Physics	R.A. Malik, M. Abdullah, S. Abdullah, M.J. Homam	1.474	Q3

		with IRI model during the rise of Solar Cycle 24				
344	2016	Detection of breast cancer using electromagnetic techniques: A review	International Journal of Applied Electromagnetics and Mechanics	M.M. Islam, M.R.I. Faruque, N. Misran,M.T. Islam	0.815	Q3
345	2016	Mercury in dental amalgam: Are our health care workers at risk?	Journal of the Air and Waste Management Association	Sahani M., Sulaiman N.S., Tan B.S., Yahya N.A., Anual Z.F., Mahiyuddin W.R.W., Khan M.F., Muttalib K.A.	1.342	Q3
346	2016	Study of high-latitude ionosphere: One-year campaign over Husafell, Iceland	Journal of Atmospheric and Solar-Terrestrial Physics	S.A. Bahari, M. Abdullah, A.M. Hasbi, B. Yatim, W. Suparta, A. Kadokura, G. Bjornsson	1.474	Q3
347	2016	A Hierarchical Bayesian Spatio-Temporal Model to Forecast Trapped Particle Fluxes over the SAA Region	Terrestrial, Atmospheric, And Oceanic Sciences	Wayan Suparta, Gusrizal, Karel Kudela, and Zaidi Isa	0.703	Q4
348	2016	A comparative study of the effects of substrate composite materials on external and internal handset antenna EM absorption	Materials Science-Medziagotyra	Md Iqbal Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.51	Q4
349	2016	A metamaterial unit cell inspired antenna for mobile wireless applications	Microwave and Optical Technology Letters	T. Alam, M. Samsuzzaman, M. R. I. Faruque, M. T. Islam	0.568	Q4
350	2016	A new wideband negative-refractive-index metamaterial	Materiali in tehnologije	Sikder Sunbeam Islam,Mohammad Rashed Iqbal Faruque,Mohammad Jakir Hossain, Mohammad Tariqul Islam	0.548	Q4
351	2016	An ENG metamaterial based wideband electromagnetic cloak	Microwave and Optical Technology Letters	Sunbeam Islam S., Rashed Iqbal Faruque M., Tariqul Islam M.	0.568	Q4
352	2016	Analysis of the effects of antenna substrate composite materials on specific absorption rate	Journal Of Optoelectronics and Advanced Materials	M. I. Hossain, M. R. I. Faruque, M. T. Islam	0.429	Q4
353	2016	Assessing the Cost Burden of Dengue Infection to Households in Seremban, Malaysia	Southeast Asian Journal TroPical Medicine and Public Health	Md Shahin Mia, Rawshan Ara Begum, AC Er, Joy Jacqueline Pereira	0.719	Q4
354	2016	Bird Face Microstrip Printed Monopole Antenna Design for Ultra Wide Band Applications	Frequenz	Mohammad Jakir Hossain,Mohammad Rashed Iqbal Faruque,Md. Moinul Islam,Mohammad Tariqul Islam,Md. Atiqur Rahman	0.393	Q4
355	2016	Design of a patch antenna for ultra wide band applications	Microwave and Optical Technology Letters	M. J. Hossain, M. R. I. Faruque, M. T. Islam	0.568	Q4
356	2016	Effects of an epoxy-resin-fiber substrate for a A-shaped microstrip antenna	Materiali in tehnologije / Materials and technology	Md. Moinul Islam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam,Haslina Arshad	0.548	Q4

357	2016	High gain metamaterial antenna for satellite application	Electronics World	M. I. Hossain, M. R. I. Faruque, M. T. Islam	0.003	Q4
358	2016	Printed microstrip line-fed patch antenna on a high-dielectric material for c-band applications	Materiali in tehnologije	Moinul Islam, Mohammad Rashed Iqbal Faruque, Mohd Fais Mansor, Mohammad Tariqul Islam	0.548	Q4
359	2016	Reducing RF Absorption From Mobile Phones	Electronics World	Mohammad Rashed Iqbal Faruque	0.008	Q4
360	2016	Subwavelength operating metamaterial for multiband applications	Microwave and Optical Technology Letters	M. J. Hossain, M. R. I. Faruque, S. S. Islam, M. T. Islam	5.568	Q4
361	2016	Variability of GPS Water Vapor Associated with Warming Activity in Peninsular Malaysia during the Period of 2008 - 2011	Journal of Water and Climate Change	Wayan Suparta, Maszidah Muhammad, Mandeep Singh Jit Singh, Fredolin T. Tangang, Mardina Abdullah, Mohammad Tariqul Islam	0.786	Q4
362	2015	A review on technologies and their usage in solid waste monitoring and management systems: Issues and challenges	Waste Management	M.A. Hannan, Md. Abdulla Al Mamun, Aini Hussain, Hassan Basri, R.A. Begum	3.157	Q1
363	2015	CO2 emissions, energy consumption, economic and population growth in Malaysia	Renewable and Sustainable Energy Reviews	Rawshan Ara Begum, Kazi Sohag, Sharifah Mastura Syed Abdullah, Mokhtar Jaafar	5.51	Q1
364	2015	Characterisation of particle mass and number concentration on the east coast of the Malaysian Peninsula during the northeast monsoon	Atmospheric Environment	Dominick, D, Latif, M. T., Juneng, L., Khan, M. D., Amil, N., Mead, M. I., Nadzir, M. S. M., Phang, S. M., Samah, A. A., Ashfold, M. J., Sturges, W. T., Harris, N. R. P., Robinson, A. D., Pyle, J.	3.282	Q1
365	2015	Characterization of spatial and temporal variability in hydrochemistry of Johor Straits, Malaysia	Marine Pollution Bulletin	Pauzi Abdullah, Sharifah Mastura Syed Abdullah, Othman Jaafar, Mastura Mahmud, Wan Mohd Afiq Wan Mohd Khalik	2.793	Q1
366	2015	Dynamics of energy use, technological innovation, economic growth and trade openness in Malaysia	Energy	Kazi Sohag, Rawshan Ara Begum, Sharifah Mastura Syed Abdullah and Mokhtar Jaafar	4.159	Q1
367	2015	Metamaterial-Embedded Low SAR PIFA for Cellular Phone	PLOS ONE	M. R. I. Faruque, M. I. Hossain, N. Misran, M. Singh, M. T. Islam	3.534	Q1
368	2015	Modeling of zenith path delay over Antarctica using an adaptive neuro fuzzy inference system technique	Expert Systems with Applications	Wayan Suparta, Kemal Maulana Alhasa	1.965	Q1
369	2015	On the evolution of a magnetic flux rope: Two-dimensional MHD simulation results	Journal of Geophysical Research: Space Physics	W. L. Teh, T. K. M. Nakamura, R. Nakamura, W. Baumjohann, M. Abdullah	3.44	Q1
370	2015	Rapid transport of East Asian pollution to the deep tropics	Atmospheric Chemistry And Physics	M. J. Ashfold , J. A. Pyle , A. D. Robinson, E. Meneguz, M. S. M. Nadzir, S. M. Phang, A. A. Samah,	5.298	Q1

				S. Ong, H. E. Ung, L. K. Peng, S. E. Yong, ... et al		
371	2015	Seasonal effect and source apportionment of polycyclic aromatic hydrocarbons in PM2.5	Atmospheric Environment	Md Firoz Khan, Mohd Talib Latif, Chee Hou Lim, Norhaniza Amil, Shoffian Amin Jaafar, Doreena Dominick, Mohd Shahrul Mohd Nadzir, Mazrura Sahani, Norhayati Mohd Tahir	3.062	Q1
372	2015	Sterols as biomarkers in the surface microlayer of the estuarine areas	Marine Pollution Bulletin	Murad Ali Alsalahi, Mohd Talib Latif, Masni Mohd Ali, Doreena Dominick, Md Firoz Khan Nur Ili Hamizah Mustaffa, Mohd Shahrul Mohd Nadzir, Essam Nasher, Mohamad Pauzi Zakari	2.793	Q1
373	2015	Trends in Global Palm Oil Sustainability Research	Journal of Cleaner Production	Sune Balle Hansen, Rory Padfield, Khadijah Syayuti, Stephanie Evers, Zuriati Zakariah, Sharifah Mastura	3.59	Q1
374	2015	A Double-Negative Metamaterial-Inspired Mobile Wireless Antenna for Electromagnetic Absorption Reduction	Materials	Touhidul Alam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.879	Q2
375	2015	A Miniaturized Antenna with Negative Index Metamaterial Based on Modified SRR and CLS Unit Cell for UWB Microwave Imaging Applications	Materials	Md. Moinul Islam, Mohammad Tariqul Islam, Md. Samsuzzaman, Mohammad Rashed Iqbal Faruque , Norbahiah Misran and Mohd Fais Mansor	1.879	Q2
376	2015	A Near Zero Refractive Index Metamaterial for Electromagnetic Invisibility Cloaking Operation	Materials	Sikder Sunbeam Islam, Mohammad Rashed Iqbal Faruque and Mohammad Tariqul Islam	1.879	Q2
377	2015	A New Wide-Band Double-Negative Metamaterial for C- and S-Band Applications	Materials	Md Ikbal Hossain, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam and Mohammad Habib Ullah	1.879	Q2
378	2015	A new direct retrieval method of refractive index for the metamaterial	Current Science	Sikder Sunbeam Islam ,Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.833	Q2
379	2015	A two-component NZRI metamaterial based rectangular cloak	AIP Advances	Sikder Sunbeam Islam, Mohammd Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.59	Q2
380	2015	Analysis on the effect of the distances and inclination angles between human head and mobile phone on SAR	Progress in Biophysics and Molecular Biology	M.I. Hossain, M.R.I. Faruque, M.T. Islam	3.377	Q2

381	2015	Characterization and dielectric properties of novel dielectric ceramics $CaxZn(1-x)Al_2O_4$ for GPS patch antennas	International Journal of Applied Ceramic Technology	Wan Jalal W.N., Abdullah H., Zulfakar M.S., Shaari S., Islam M.T.	1.215	Q2
382	2015	Characterization and source apportionment of particle number concentration at a semi-urban tropical environment	Environmental Science and Pollution Research	Md Firoz Khan, Mohd Talib Latif, Norhaniza Amil, Liew Juneng, Noorlin Mohamad, Mohd Shahrul Mohd Nadzir and Hossain Mohammed Syedul Hoque	2.757	Q2
383	2015	Lack of relationship between geoeffectiveness and orientations of magnetic clouds with bipolar B_z and unipolar southward B_z	Planetary and Space Science	Teh W.-L., Abdullah M., Hasbi A.M.	2.109	Q2
384	2015	Microwave Imaging Sensor Using Compact Metamaterial UWB Antenna with a High Correlation Factor	Materials	Md Moinul Islam, Mohammad Tariqul Islam, Mohammad Rashed Iqbal Faruque, Md Samsuzzaman, Norbahiah Misran, Haslina Arshad	1.879	Q2
385	2015	Prediction of municipal solid waste generation using nonlinear autoregressive network	Environmental Monitoring and Assessment	Mohammad K. Younes, Z. M. Nopiah, N. E. Ahmad Basri, H. Basri, Mohammed F. M. Abushammala & K. N. A. Maulud	1.679	Q2
386	2015	Recommendations to mitigate against human health risks incurred due to energetic particle irradiation beyond low earth orbit/BLEO	Acta Astronautica	McKenna-Lawlor S., Bhardwaj A., Ferrari F., Kuznetsov N., Lal A.K., Li Y., Nagamatsu A., Nymmik R., Panasyuk M., Petrov V., Reitz G., Pinsky L., Shukor M.S., Singhvi A.K., Straube U., Tomi L., et al.	0.816	Q2
387	2015	Surfactants in atmospheric aerosols and rainwater around lake ecosystem	Environmental Science and Pollution Research	Intan Suraya Razak, Mohd Talib Latif, Shoffian Amin Jaafar, Md Firoz Khan, Idris Mushrifah	2.757	Q2
388	2015	The awareness, perception and motivational analysis of climate change and business perspectives in Malaysia	Mitigation and Adaptation Strategies for Global Change	Rawshan Ara Begum & Joy Jacqueline Pereira	2.019	Q2
389	2015	A New Design of Cell Phone Body for the SAR Reduction in the Human Head	ACES Journal	M. I. Hossain, M. R. I. Faruque, and M. T. Islam	1.024	Q3
390	2015	Analysis of a dual-resonant multiple split-ring patch antenna	International Journal of Circuit Theory and Applications	M. T. Islam, and M. Habib Ullah	1.21	Q3
391	2015	Biological effect of SAR on the human head due to variation of dielectric properties at 1800 and 2450 MHz with different antenna substrate materials	Science and Engineering of Composite Materials	Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam and Mohammad Habib Ullah	0.593	Q3
392	2015	Compact metamaterial antenna for UWB applications	Electronics Letters	M.M. Islam, M.T. Islam, M. Samsuzzaman and M.R.I. Faruque	1.068	Q3

393	2015	Design and analysis of metamaterial inspired low SAR PIFA for mobile phone	International Journal of Applied Electromagnetics & Mechanics	M.I. Hossain,M.R.I. Faruque, M.T. Islam	0.737	Q3
394	2015	Design and analysis of mobile phone casing for the reduction of EM absorption	International Journal of Applied Electromagnetics and Mechanics	M. I Hossain, M. R. I Faruque, M. T. Islam, H. Arshad	0.737	Q3
395	2015	Design of a Microstrip Antenna on Duroid 5870 substarte material for ku and k band applications	Tehnicki Vjesnik-Technical Gazette	Mohammad Moinul Islam, Mohammad Tariqul Islam, Mohammad Rashed Iqbal Faruque	0.615	Q3
396	2015	Dual elliptical patch antenna design on low cost epoxy resin polymer substrate material	International Journal of Applied Electromagnetics and Mechanics	T. Alam, M.R.I. Faruque, M.T. Islam, M. Samsuzzaman	0.737	Q3
397	2015	Low specific absorption rate microstrip patch antenna for cellular phone applications	IET Microwave Antennas & Propagation	Mohammad Rashed Iqbal Faruque, Md Iqbal Hossain, Mohammad Tariqul Islam	0.969	Q3
398	2015	Physicochemical factors and sources of particulate matter at residential urban environment in Kuala Lumpur	Journal of the Air & Waste Management Association	Md. Firoz Khan, Mohd Talib Latif, Liew Juneng, Norhaniza Amil, Mohd Shahrul Mohd Nadzir and Hossain Mohammed Syedul Hoque	1.171	Q3
399	2015	Solid Waste Forecasting Using Modified ANFIS Modeling	Journal of the Air & Waste Management Association	Mohammad K. Younes, Z.M. Nopiah, N.E. Ahmad Basri, H. Basri, Mohammed F.M. Abushammala & Maulud K.N.A.	1.171	Q3
400	2015	Source contribution of PM2.5 at different locations on the Malaysian Peninsula	Bulletin of Environmental Contamination and Toxicology	Ooi Ee-Ling, Nur Ili Hamizah Mustaffa, Norhaniza Amil, Md Firoz Khan, Mohd Talib Latif	1.216	Q3
401	2015	Specific absorption rate reduction of multi-standard mobile antenna with double-negative metamaterial	Electronics Letters	T. Alam, M.R.I. Faruque and M.T. Islam	1.068	Q3
402	2015	A Negative Index Metamaterial Antenna for UWB Microwave Imaging Applications	Microwave and Optical Technology Letters	M. M. Islam, M. T. Islam, M. Samsuzzaman, and M. R. I. Faruque	0.623	Q4
403	2015	A compact monopole antenna with improved bandwidth for Ku band applications	Optoelectronics and Advanced Materials-Rapid Communications	M. M. Islam, M. T. Islam, M. Samsuzzaman, M. R. I. Faruque	0.449	Q4
404	2015	Broadband circularly polarized antenna for mobile application on low cost FR-4 material	Optoelectronics and Advanced Materials, Rapid Communications	Alam T., Faruque M.R.I., Islam M.T.	0.449	Q4
405	2015	Composite-material printed antenna for a multi-standard wireless application	Materials and technology	Touhidul Alam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam, Norbahiah Misran	0.555	Q4

406	2015	Five band Notch Ultra-Wide band (UWB) antenna with C-Shaped slots	Microwave and Optical Technology Letters	Md M. Islam,Mohammad Tariqul Islam,Md Samsuzzaman, and Mohammad Rashed I. Faruque	0.623	Q4
407	2015	Investigation of hand impact on PIFA performances and SAR in human head	Journal of Applied Research and Technology	MD. Ikbal Hossain, M.R. Iqbal Faruque, M. Tariqul Islam	0.447	Q4
408	2015	Low SAR Microstrip Patch Antenna for Mobile Phone	Frequenz	M. I. Hossain, M. R. I. Faruque and M. T. Islam	0.34	Q4
409	2015	Microstrip line-fed fractal antenna with a high fidelity factor for UWB imaging applications	Microwave and Optical Technology Letters	M. M. Islam, M. T. Islam, M. Samsuzzaman, M. R. I. Faruque, and N. Misran	0.623	Q4
410	2015	Miniature low sar printed monopole antenna for mobile phone	Microwave and Optical Technology Letters	M. I. Hossain, M. R. I. Faruque, and M. T. Islam	0.623	Q4
411	2015	Sequential pattern discovery algorithm for Malaysia rainfall prediction	Acta Physica Polonica A	A. M. Ahmed, Azuraliza Abu Bakar, Abdul Razak Hamdan, Sharifah Mastura Syed Abdullah, Othman Jaafar	0.604	Q4
412	2015	Ultra Wideband to Super Wideband Antenna Conversion Using Parasitic Elements	Electronics World	M. R. I. Faruque, M. M. Islam, M. T. Islam, M. Samsuzzaman	0.02	Q4
413	2015	Wideband printed patch antenna on low cost epoxy resin polymer substrate	Optoelectronics and Advanced Materials-Rapid Communications	T. Alam, M. R. I. Faruque, M. T. Islam, M. Samsuzzaman	0.449	Q4
414	2014	A Compact 5.5 GHz Band-Rejected UWB Antenna Using Complementary Split Ring Resonators	The Scientific World Journal	M. M. Islam, M. R. I. Faruque, and M. T. Islam	1.73	Q1
415	2014	A ROM-Less Direct Digital Frequency Synthesizer Based on Hybrid Polynomial Approximation	The Scientific World Journal	Q. K. Omran, M. T. Islam, N. Misran, M. R. I. Faruque	1.73	Q1
416	2014	A case-crossover analysis of forest fire haze events and mortality in Malaysia	Atmospheric Environment	Mazrura Sahani, Nurul Ashikin Zainon, Wan Rozita Wan Mahiyuddin, Mohd talib Latif, Rozita Hod, Md Firoz Khan, Norhayati Mohd Tahir, Chang-Chuan Chan	3.11	Q1
417	2014	CO2 emissions, energy consumption, economic and population growth in Malaysia	Renewable and Sustainable Energy Reviews	Begum R.A., Sohag K., Abdullah S.M.S., Jaafar M.	5.627	Q1
418	2014	Concentration and source identification of polycyclic aromatic hydrocarbons (PAHs) in PM10 of urban, industrial and semi-urban areas in Malaysia	Atmospheric Environment	Anas Ahmad Jamhari, Mazrura Sahani, Mohd Talib Latif, Kok Meng Chan, Hock Seng Tan, Md Firoz Khan, Norhayati Mohd Tahir.	3.11	Q1
419	2014	Design of Miniaturized Double-Negative Material for Specific Absorption Rate Reduction in Human Head	PLoS One Journal	Mohammad Rashed Iqbal Faruque*, Mohammad Tariqul Islam	3.73	Q1
420	2014	Distribution of surfactants along the estuarine area of Selangor River, Malaysia	Marine Pollution Bulletin	Murad Ali Alsalahi, Mohd Talib Latif, Masni Mohd Ali, Sami	2.531	Q1

				Muhsen Magam, Nurul Bahiyah Abd Wahid, Md Firoz Khan, Suhaimi Suratman		
421	2014	Dual Band-Notch UWB Antenna With Single Tri-Arm Resonator	IEEE Antennas and Wireless Propagation Letters	Rezaul Azim, Mohammad Tariqul Islam and Ahmed Toaha Mobashsher	1.667	Q1
422	2014	Long term assessment of air quality from a background station on the Malaysian Peninsula	Science of the Total Environment	Mohd Talib Latif, Doreena Dominick, Fatimah Ahamad, Md Firoz Khan, Liew Juneng, Firdaus Mohamad Hamzah, Mohd Shahrul Mohd Nadzir	3.258	Q1
423	2014	Surfactants in the sea-surface microlayer and atmospheric aerosol around the southern region of Peninsular Malaysia	Marine Pollution Bulletin	Shoffian Amin Jaafar, Mohd Talib Latif, Chong Woan Chian, Wong Sook Han, Nurul Bahiyah Abd Wahid, Intan Suraya Razak, Md Firoz Khan, Norhayati Mohd Tahir	2.531	Q1
424	2014	The Design and Analysis of a Novel Split-H-Shaped Metamaterial for Multi-Band Microwave Applications	Materials	Sikder Sunbeam Islam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	2.247	Q1
425	2014	A new double negative metamaterial for multi-band microwave applications	Applied Physics A	Sikder Sunbeam Islam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	1.545	Q2
426	2014	Composition of heavy metals in indoor dust and their possible exposure: a case study of preschool children in Malaysia	Air Quality, Atmosphere and Health	Mohd Talib Latif, Saw Mei Yong, Azlina Saad, Noorlin Mohamad, Nor Hafizah Baharudin, Mazlin Bin Mokhtar, Norhayati Mohd Tahir	1.979	Q2
427	2014	Feasibility study of astronaut standardized career dose limits in LEO and the outlook for BLEO	Acta Astronautica	McKenna-Lawlor S., Bhardwajb A., Ferraric F., Kuznetsovd N., Lale A.K., Lif Y., Nagamatsug A., Nymmikh R., Panasyuki M., Petrovj V., Reitzk G., Pinskyl L., Shukorm S.M., Singhvin A.K., et. Al	0.701	Q2
428	2014	Recommendations to mitigate against human health risks incurred due to energetic particle irradiation beyond low earth orbit/BLEO	Acta Astronautica	McKenna-Lawlor S., Bhardwaj A., Ferrari F., Kuznetsov N., Lal A.K., Li Y., Nagamatsu A., Nymmik R., Panasyuk M., Petrov V., Reitz G., Pinsky L., Shukor M., Singhvi A.K., Straube U., Tomi L., Lawrence T.	0.701	Q2

429	2014	Source apportionment of surfactants in marine aerosols at different locations along the Malacca Straits	Environmental Science and Pollution Research	Nur Ili Hamizah Mustaffa, Mohd Talib Latif, Masni Mohd Ali, Md Firoz Khan	2.618	Q2
430	2014	A Double Inverted F-Shape Patch Antenna for Dual-Band Operation	International Journal of Antennas and Propagation	M. M. Islam, M. R. I. Faruque, W. Hueyshin, J. S. Mandeep, and T. Islam	0.683	Q3
431	2014	A Dual Band Slotted Patch Antenna on Dielectric Material Substrate	International Journal of Antennas and Propagation	M Habib Ullah, MT Islam, MR Ahsan, JS Mandeep, N Misran	0.683	Q3
432	2014	A case study of relationship between GPS PWV and Solar Variability during the declining phase of Solar Cycle 23	Acta Geophysica	Wayan Suparta, Grahame J. Fraser	0.91	Q3
433	2014	Assessment of specific absorption rate reduction in human head using metamaterial	Science and Engineering of Composite Materials	Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam and Nik Abdullah Nik Mohamed	0.579	Q3
434	2014	Compact Modified Swastika Shape Patch Antenna for WLAN/WiMAX Applications	International Journal of Antennas and Propagation	M. Samsuzzaman, T. Islam, N. H. Abd Rahman, M. R. I. Faruque, and J. S.Mandeep	0.683	Q3
435	2014	Coplanar waveguide fed compact wide circular-slotted antenna for Wi-Fi/WiMAX applications	International Journal of Antennas and Propagation	M. Samsuzzaman, T. Islam, N. H. Abd Rahman, M. R. I. Faruque, and J. S.Mandeep	0.683	Q3
436	2014	Development of a Semielliptical Partial Ground Plane Antenna for RFID and GSM-900	International Journal of Antennas and Propagation	M. R. Zaman, R. Azim, N. Misran, M. F. Asillam, and T. Islam	0.683	Q3
437	2014	Feature extraction using Hough transform for solid waste bin level detection and classification	Environmental Monitoring and Assessment	M A Hannan, W. A. Zaila, M. Arebey, R. A. Begum, H. Basri	1.592	Q3
438	2014	Microstrip Antenna Design for Femtocell Coverage Optimization	International Journal of Antennas and Propagation	Afaz Uddin Ahmed, M. T. Islam, Rezaul Azim, Mahamod Ismail and Mohd Fais Mansor	0.683	Q3
439	2014	Mitigating the Urban Heat Island Effect in Megacity Tehran	Advances in Meteorology	S. Sodoudi, P. Shahmohamadi, K. Vollack, U. Cubasch, A.I. Che-Ani	1.239	Q3
440	2014	Nowcasting the lightning activity in Peninsular Malaysia using the GPS PWV during the 2009 inter-monsoons	Annals of Geophysics	Suparta W., Adnan J., Mohd Ali M.A.	1.138	Q3
441	2014	Sensing the upper and lower levels of the atmosphere during the 2009 equinoxes using GPS measurements	Annals of Geophysics	Wayan Suparta	1.138	Q3
442	2014	Surface Ozone Trend in Major Rice Growing Areas in Malaysia	Sains Malaysiana	Marzuki Ismail, Azrin Suroto, Nurul Ain Ismail, Mohd Talib Latif	0.408	Q3
443	2014	5.5 GHz Notched WLAN Band UWB antenna using slotted rectangular split ring resonators	Electronics World	M. M. Islam, M. R. I. Faruque and M. T. Islam	0.013	Q4
444	2014	A Review on Femtocell and its Diverse Interference Mitigation Techniques in Heterogeneous Network	Wireless Personal Communications	Afaz Uddin Ahmed, Mohammad Tariqul Islam, and Mahamod Ismail	0.428	Q4

445	2014	Design and Analysis of a New Double Negative Metamaterial	Informacije Midem	Sikder Sunbeam Islam, Mohammad Rashed Iqbal Faruque, Mohammad Tariqul Islam	0.277	Q4
446	2014	Effects of Mobile Phone Radiation onto Human Head with Variation of Holding Cheek and Tilt Positions	Journal of Applied Research and Technology	M. R. Iqbal-Faruque, N. Aisyah-Husni, Md. Iqbal-Hossain, M. Tariqul-Islam and N. Misran	0.355	Q4
447	2014	Household Food Insecurity, nutritional outcome and coping strategies: Evidence from Malaysia.	Journal of Food, Agriculture and Environment.	Chamhuri Siwar, Ferdoushi Ahmed, Rawsyan Ara Begum.	0.435	Q4
448	2014	Investigation of a planar antenna with bandwidth enhancement for x-band applications	Electronics World	M. R. I. Faruque, M. M. Islam, and M. T. Islam	0.013	Q4
449	2014	Printed Circular Patch Wideband Antenna for Wireless Communication	Informacije MIDEM	T. Alam, M. R. I. Faruque, M. T. Islam	0.277	Q4
450	2014	The application of a hierarchical Bayesian spatiotemporal model for forecasting the SAA trapped particle flux distribution	Journal of Earth System Science	Wayan Suparta, Gusrizal	0.695	Q4
451	2014	The application of hierarchical Bayesian spatio-temporal model for forecasting the SAA trapped particle flux distribution	Journal of Earth System Science	Wayan Suparta, Gusrizal	0.695	Q4
452	2014	Water resources in Malaysia: Issues and challenges.	Journal of Food, Agriculture & Environment.	Ferdoushi Ahmed, Chamhuri Siwar & Rawshan Ara Begum	0.435	Q4