

## A BIBLIOMETRIC ANALYSIS OF HOUSING AND SETTLEMENT RESEARCH

(Analisis Bibliometrik Kajian Perumahan dan Petempatan)

AHMAD SURURI

### ABSTRACT

The purpose of the study is to establish a bibliometric analysis as an extensive review of housing and settlement literature. The research was conducted through Google Scholar and Crossref databases using Publish or Perish (PoP) software. Data were analyzed descriptively based on year of publication, author's name, name and country of institution, publication trend, number of publishers, author productivity, number of citations, and affiliation. To map the research, the data were stored in the Mendeley software, exported to RIS format to include all the information related to the articles. The exported data were analyzed using VOSViewer to determine the bibliometric mapping of housing and settlement research. The results of our study conclude that articles published in reputable journals indexed by Scopus with categories Q1, Q2, and Q3 have a significant effect compared to articles published in non-Scopus journals, especially on the number of citations per article. The study also presents the potential topics for future study based on the analysis of keywords with less frequent occurrence.

*Keywords:* housing and settlement; bibliometric analysis; Mendeley; VOSViewer; PoP

### ABSTRAK

Tujuan kajian ini adalah untuk memantapkan analisis bibliometrik sebagai tinjauan yang lebih terperinci kepada kepustakaan berkaitan perumahan dan petempatan. Penyelidikan ini telah dijalankan dengan menggunakan pangkalan data Google Scholar dan Crossref dengan menggunakan perisian Publish or Perish (PoP). Data telah dianalisis secara deskriptif berdasarkan tahun penerbitan, nama pengarang, nama dan negara institusi, trend penerbitan, bilangan penerbit, produktiviti pengarang, bilangan sitasi, dan afiliasi. Untuk memetakan penyelidikan, data telah disimpan pada perisian Mendeley dan dieksport kepada format RIS untuk menyertakan semua informasi berkaitan makalah. Data yang dieksport dianalisis dengan menggunakan VOSViewer untuk pemetaan bibliometrik kajian perumahan dan petempatan. Hasil daripada kajian ini menyimpulkan bahawa makalah yang diterbitkan di jurnal bereputasi yang diindeks oleh Scopus dengan kategori Q1, Q2 dan Q3 mempunyai kesan yang ketara berbanding makalah yang diterbitkan pada jurnal bukan Scopus, terutamanya dari segi bilangan sitasi bagi setiap makalah. Kajian ini turut memberikan tajuk yang berpotensi untuk dikaji berdasarkan analisis kata kunci yang kurang digunakan.

*Kata kunci:* perumahan dan petempatan; analisis bibliometrik; Mendeley; VOSViewer; PoP

### References

- Aigner A. 2019. Housing entry pathways of refugees in Vienna, a city of social housing. *Housing Studies* **34**(5): 779–803.
- Akdağ N.Y., Gedik G.Z., Kiraz F. & Şener B. 2017. Effect of mass housing settlement type on the comfortable open areas in terms of noise. *Environmental Monitoring and Assessment* **189**(10): 1-12.
- Akil A., & Osman W.W. 2017. Bugis local wisdom in the housing and settlement form: An architectural anthropology study. *Lowland Technology International* **19**(1): 77–86.
- Augustijn-Beckers E.W., Flacke J. & Retsios B. 2011. Simulating informal settlement growth in Dar es Salaam, Tanzania: An agent-based housing model. *Computers, Environment and Urban Systems* **35**(2): 93–103.
- Bajić T., Petrić J. & Nikolić T. 2016. Fuel poverty and perception on housing and environmental quality in

- Belgrade's informal settlement Kaluderica. *Spatium* **1**(35): 1-9.
- Bálint C. 2018. Assessment of the interrelations between health and housing conditions in a Hungarian Roma settlement. *Deturope* **10**(2): 91–111.
- Bański J. & Wesolowska M. 2010. Transformations in housing construction in rural areas of Poland's Lublin region—Influence on the spatial settlement structure and landscape aesthetics. *Landscape and Urban Planning* **94**(2): 116–126.
- Barenstein J.E.D. 2015. Continuity and change in housing and settlement patterns in post earthquake Gujarat, India. *International Journal of Disaster Resilience in the Built Environment* **6**(2): 140–155.
- Bekleyen A. & Korkmaz N.M. 2013. An evaluation of Akabe mass housing settlement in Sanliurfa, Turkey. *Journal of Housing and the Built Environment* **28**(2): 293–309.
- Berto R., Cechet G., Stival C.A. & Rosato P. 2020. Affordable housing vs. urban land rent in widespread settlement areas. *Sustainability* **12**(8): 3129.
- Borevi K. & Bengtsson B. 2015. The tension between choice and need in the housing of newcomers: A theoretical framework and an application on Scandinavian settlement policies. *Urban Studies* **52**(14): 2599–2615.
- Borsuk I. & Eroglu E. 2020. Displacement and asset transformation from inner-city squatter settlement into peripheral mass housing. *European Urban and Regional Studies* **27**(2): 142–155.
- Bowen W.M. & Gleeson R.E. 2018. *The Evolution of Human Settlements: From Pleistocene Origins to Anthropocene Prospects*. Cham: Springer.
- Brzezicka J. 2020. Towards a typology of housing price bubbles: A literature review. *Housing, Theory and Society* **38**(3): 320–342.
- Byrne M. & Norris M. 2018. Pro-cyclical social housing and the crisis of Irish housing policy: Marketization, social housing, and the property boom and bust. *Housing Policy Debate* **28**(1): 50–63.
- Campbell P. 2013. The illegal city: Space, law and gender in a Delhi squatter settlement. *Housing Studies* **29**(1): 173–175.
- Carter A. 2001. Pathways to accessible housing : Assessing the need for wheelchair-accessible housing. *Housing, Care and Support* **4**(2): 28–31.
- Carter T.S., Poleyvchok C. & Osborne J. 2009. The role of housing and neighbourhood in the re-settlement process: a case study of refugee households in Winnipeg. *The Canadian Geographer/Le Géographe canadien* **53**(3): 305–332.
- Chen M., Wu Y., Liu G. & Wang X. 2020. City economic development, housing availability, and migrants' settlement intentions: Evidence from China. *Growth and Change* **51**(3): 1239–1258.
- Chirisa I.E.W. & Muhomba K. 2013. Constraints to managing urban and housing land in the context of poverty: a case of Epworth settlement in Zimbabwe. *Local Environment* **18**(8): 950–964.
- Clapham D. 2018. Housing theory, housing research and housing policy. *Housing, Theory and Society* **35**(2): 163–177.
- Clarke J. 2000. Developing housing and support standards in supported housing: How in practice can organisations providing supported housing assess 'best value'?. *Housing, Care and Support* **3**(2): 23–27.
- Colburn G. 2019. The use of markets in housing policy: A comparative analysis of housing subsidy programs. *Housing Studies* **36**(1): 46–79.
- Collins J.M. 2011. How good is the GFE? How truthful is the TILA? Comparing mortgage loan disclosures to settlement documents. *Housing Policy Debate* **21**(4): 565–583.
- Czischke D. 2018. Collaborative housing and housing providers: towards an analytical framework of multi-stakeholder collaboration in housing co-production. *International Journal of Housing Policy* **18**(1): 55–81.
- Dalal A. 2020. The refugee camp as urban housing. *Housing Studies* **37**(2): 189–211.
- De Paris S.R. & Lopes C.N.L. 2018. Housing flexibility problem: Review of recent limitations and solutions. *Frontiers of Architectural Research* **7**(1): 80–91.
- Delgado G., Muller A., Mabakeng R. & Namupala M. 2020. Co-producing land for housing through informal settlement upgrading: lessons from a Namibian municipality. *Environment and Urbanization* **32**(1): 175–194.
- Demir E., Akmeşe F., Erbay H., Taylan-Özkan A. & Mumcuoğlu K.Y. 2020. Bibliometric analysis of publications on house dust mites during 1980–2018. *Allergologia et Immunopathologia* **48**(4): 374–383.
- Donaldson-Selby G., Hill T. & Korrubel J. 2007. Photorealistic visualisation of urban greening in a low-cost high-density housing settlement, Durban, South Africa. *Urban Forestry & Urban Greening* **6**(1): 3–14.
- Drolet J.L. & Teixeira C. 2020. Fostering immigrant settlement and housing in small cities: Voices of settlement practitioners and service providers in British Columbia, Canada. *The Social Science Journal* **59**(3): 485–499.
- Fahimnia B., Sarkis J. & Davarzani H. 2015. Green supply chain management: A review and bibliometric analysis. *International Journal of Production Economics* **162**: 101–114.
- Ferrari E. 2011. Conceptualising social housing within the wider housing market: A vacancy chain model. *Housing Studies* **26**(1): 95–116.
- Fink A. 2010. *Conducting Research Literature Reviews: From the Internet to Paper*. 3rd Ed. Thousand Oaks, CA: Sage Publication.
- Gorter T. 2017. Migration, settlement and the concepts of house and home. *Housing Studies* **32**(8): 1178–1179.

- Groenewald L. 2011. Progress towards Millennium Development Goals? Strategies for housing and informal settlement in Gauteng, South Africa. *Development Southern Africa* **28**(5): 641–651.
- Hanlon J. 2015. Fair housing policy and the abandonment of public housing desegregation. *Housing Studies* **30**(1): 78–99.
- Harzing A.W. 2010. *The Publish or Perish Book: Your Guide to Effective and Responsible Citation Analysis*. Melbourne: Tarma Software Research Pty Limited.
- Heersmink R., van den Hoven J., van Eck N.J. & van den Berg J. 2011. Bibliometric mapping of computer and information ethics. *Ethics and Information Technology* **13**(3): 241–249.
- Hirono K.N. 2010. Housing policy for utilization of existing housing. *Pacific Economic Review* **15**(5): 697–707.
- Huchzermeyer M. 2003. A legacy of control? The capital subsidy for housing, and informal settlement intervention in South Africa. *International Journal of Urban and Regional Research* **27**(3): 591–612.
- Hwang S.W., Fuller-Thomson E., Hulchanski J.D., Bryant T., Habib Y. & Regoezi W. 1999. Housing and population health: A review of the literature. *Sociology & Criminology Faculty Publications*. **126**.
- Johnston R.J., Trlin A.D., Henderson A.M., North N.H. & Skinner M.J. 2005. Housing experience and settlement satisfaction: Recent Chinese, Indian and South African skilled immigrants to New Zealand. *Housing Studies* **20**(3): 401–421.
- Jönsson J.B., Bryceson D.F., Kinabo C. & Shand M. 2019. Getting grounded? Miners' migration, housing and urban settlement in Tanzania, 1980–2012. *Extractive Industries and Society* **6**(3): 948–959.
- Jordhus-Lier D., Saaghus A., Scott D. & Ziervogel G. 2019. Adaptation to flooding, pathway to housing or 'wasteful expenditure'? Governance configurations and local policy subversion in a flood-prone informal settlement in Cape Town. *Geoforum* **98**: 55–65.
- Kauppinen T.M. 2002. The beginning of immigrant settlement in the Helsinki metropolitan area and the role of social housing. *Journal of Housing and the Built Environment* **17**(2): 173–197.
- Kemeny J. 2001. Comparative housing and welfare: Theorising the relationship. *Journal of Housing and the Built Environment* **16**(1): 53–70.
- Kim J. 2020. Housing accessibility for seniors with mobility and grasping disabilities: Lessons from the American Housing Survey. *Housing Studies* **36**(5): 758–783.
- King N. 2001. Models of very sheltered housing : Rethinking housing for older people. *Housing Care and Support, August* **4**(3): 22–25.
- Kissoon P. 2010. From persecution to destitution: A snapshot of asylum seekers' housing and settlement experiences in Canada and the United Kingdom. *Journal of Immigrant and Refugee Studies* **8**(1): 4–31.
- Lang F. 2002. Housing and settlement in archaic Greece. *Pallas* **58**: 13–32.
- Lee J. 2000. From welfare housing to home ownership: The dilemma of China's housing reform. *Housing Studies* **15**(1): 61–76.
- Leishman C. 2015. Housing supply and suppliers: are the microeconomics of housing developers important?. *Housing Studies* **30**(4): 580–600.
- Leung C. 2004. Macroeconomics and housing: A review of the literature. *Journal of Housing Economics* **13**(4): 249–267.
- Liu Z., Wang Y. & Chen S. 2016. Does formal housing encourage settlement intention of rural migrants in Chinese cities? A structural equation model. *Urban Studies* **54**(8): 1834–1850.
- López Salinas A. & Teixeira C. 2020. Settlement and housing experiences of recent Mexican immigrants in Vancouver suburbs. *GeoJournal* **87**: 377–402.
- Machi L.A. & McEvoy B.T. 2016. *The Literature Review, Six Steps to Success*. 3rd Ed. Thousand Oaks, CA: Corwin.
- Maciejewska E. 2020. Living in flood plains in Warsaw—former settlement and a case study of two contemporary housing estates. *Journal of Water and Land Development* **45**: 70–75.
- McGarry B. 2016. The development of custom in territorial dispute settlement. *Journal of International Dispute Settlement* **8**(2): 339–365.
- Nazir F.A., Edwards D.J., Shelbourn M., Martek I., Thwala W.D.D. & El-Gohary H. 2020. Comparison of modular and traditional UK housing construction: A bibliometric analysis. *Journal of Engineering, Design and Technology* **19**(1): 164–186.
- Netto G. 2011. Strangers in the city: Addressing challenges to the protection, housing and settlement of refugees. *International Journal of Housing Policy* **11**(3): 285–303.
- Neutze M. 2000. Housing for indigenous Australians. *Housing Studies* **15**(4): 485–504.
- Niebieszczański J., Jaeger M., Pető Á., Hildebrandt–Radke I., Kulcsár G., Staniuk R., Taylor N. & Czebreszuk J. 2019. Revealing the internal organization of a Middle Bronze Age fortified settlement in Kakucs-Turján through geoarchaeological means: Magnetometric survey and sedimentological verification of a housing structure. *Journal of Archaeological Science: Reports* **25**: 409–419.
- Nordvik V. 2006. Selective housing policy in local housing markets and the supply of housing. *Journal of Housing Economics* **15**(4): 279–292.
- Norris A.N. & Nandedkar G. 2020. Ethnicity, racism and housing: Discourse analysis of New Zealand housing research. *Housing Studies* **37**(8): 1331–1349.

- Opoko A.P., Ibem E.O. & Adeyemi E.A. 2015. Housing aspiration in an informal urban settlement: A case study. *Urbani izziv* **26**(2): 117–131.
- Öst C.E. 2014. Economic incentives, housing allowance, and housing consumption: An unintended consequence of a shift in housing policy. *Journal of Housing Economics* **23**: 17–27.
- Paris C.M.J. 2002. After housing policy: Housing and the UK general election 2001. *Housing Studies* **17**(1): 151–164.
- Park C.S. 2007. Transformation and housing spatial form of the port settlement of rivershore in Nakdong River–Focused on Sangbu Village of Samrangjin, Milyang city. *Journal of the Korean Institute of Rural Architecture* **9**(3): 121–128.
- Pojani D. 2013. From squatter settlement to suburb: The transformation of Bathore, Albania. *Housing Studies* **28**(6): 805–821.
- Primrose S. & Christopher I. 2018. Appraising the effectiveness of South Africa’s low-cost housing delivery approach for beneficiaries in uMhlathuze village and Slovos settlement. *African Renaissance* **15**(2): 9–31.
- Ridley D. 2012. *The Literature Review: A Step-by-Step Guide for Students*. 2nd Ed. London: SAGE Publications.
- Ross F. 2003. Dependents and dependence: A case study of housing and heuristics in an informal settlement in the Western Cape. *Social Dynamics* **29**(2): 132–152.
- Ruonavaara H. 2018. Theory of housing, from housing, about housing. *Housing, Theory and Society* **35**(2): 178–192.
- Shin G. & Jung I. 2019. Socialising rural space in North Korea: Settlement planning, housing, and service networks. *The Journal of Architecture* **24**(1): 3–26.
- Shortt N.K. & Hammett D. 2013. Housing and health in an informal settlement upgrade in Cape Town, South Africa. *Journal of Housing and the Built Environment* **28**(4): 615–627.
- Singleton H. & McKenzie F.H. 2008. The re-branding imperative for the Western Australian Pilbara region: Status quo to transformative cultural interpretations of local housing and settlement for a competitive geo-regional identity. *Place Branding and Public Diplomacy* **4**(1): 8–28.
- Skobba K., Bruin M.J. & Carswell A. 2013. Housing careers of families with housing choice vouchers: Interpretation with the housing adjustment theory. *Housing and Society* **40**(2): 170–192.
- Teixeira C. 2009. New immigrant settlement in a mid-sized city: a case study of housing barriers and coping strategies in Kelowna, British Columbia. *The Canadian Geographer/Le Géographe Canadien* **53**(3): 323–339.
- Trezib J. & Sonder I. 2019. The Rassco and the settlement of the Fifth Aliyah: Pre-state and early state middle class settlement and its relevance for public housing in Eretz-Israel. *Israel Studies* **24**(1): 1–23.
- Valsson T., Ulfarsson G.F. & Gardarsson S.M. 2013. A theory of the evolution of settlement structures based on identification and use of patterns: Iceland as a case study. *Futures* **54**: 19–32.
- Van Eck N.J., Waltman L., Dekker R. & Van Den Berg J. 2010. A comparison of two techniques for bibliometric mapping: Multidimensional scaling and VOS. *Journal of the American Society for Information Science and Technology* **61**(12): 2405–2416.
- Waltman L., van Eck N.J. & Noyons E.C. 2010. A unified approach to mapping and clustering of bibliometric networks. *Journal of Informetrics* **4**(4): 629–635.
- Wang Q., Cheong K.C. & Li Y. 2020. Who benefits from development? Analyzing the stakeholder contestations in a traditional settlement of Malaysia. *Housing Policy Debate* **30**(5): 861–877.
- Wang Y., Wang Z., Zhou C., Liu Y. & Liu S. 2020. On the settlement of the floating population in the Pearl River Delta: Understanding the factors of permanent settlement intention versus housing purchase actions. *Sustainability* **12**(22): 9771.
- Ward P.M. & Peters P.A. 2007. Self-help housing and informal homesteading in peri-urban America: Settlement identification using digital imagery and GIS. *Habitat International* **31**(2): 205–218.
- Weerasinghe W.K. & Shigemura T. 2008. A study on transformation of living environment and domestic spatial arrangements: Focused on a western coastal housing settlement of Sri Lanka after Sumatra earthquake and tsunami 2004. *Journal of Asian Architecture and building engineering* **7**(2): 285–292.
- Westaway M.S. 2006. A longitudinal investigation of satisfaction with personal and environmental quality of life in an informal South African housing settlement, Doornkop, Soweto. *Habitat International* **30**(1): 175–189.
- Xie S. & Chen J. 2018. Beyond homeownership: Housing conditions, housing support and rural migrant urban settlement intentions in China. *Cities* **78**: 76–86.
- Yang S. & Guo F. 2018. Breaking the barriers: How urban housing ownership has changed migrants’ settlement intentions in China. *Urban Studies* **55**(16): 3689–3707.
- Zang B., Lv P. & Warren C.M.J. 2015. Housing prices, rural–urban migrants’ settlement decisions and their regional differences in China. *Habitat International* **50**: 149–159.

*A Bibliometric Analysis of Housing and Settlement Research*

*Department of Public Administration  
Faculty of Social and Political Science  
Serang Raya University, Indonesia  
Jl. Raya Cilegon No.Km. 5, Taman, Drangong  
Kota Serang, Banten 42162  
E-mail: sururiahmad@unsera.ac.id\**

Received: 13 September 2022

Accepted: 6 October 2022

---

\*Corresponding author