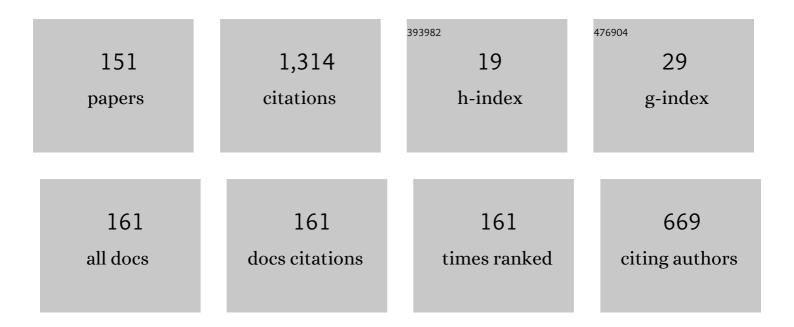
## Wellington Didibhuku Thwala

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6629798/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Industry 4.0 deployment in the construction industry: a bibliometric literature review and UK-based case study. Smart and Sustainable Built Environment, 2021, 10, 557-580.	2.2	159
2	Overruns in transportation infrastructure projects. Structure and Infrastructure Engineering, 2014, 10, 141-159.	2.0	51
3	Mapping out research focus for robotics and automation research in construction-related studies. Journal of Engineering, Design and Technology, 2019, 18, 1063-1079.	1.1	50
4	Barriers to sustainable procurement in the Nigerian construction industry: an exploratory factor analysis. International Journal of Construction Management, 2022, 22, 861-872.	2.2	38
5	A field survey of hand–arm vibration exposure in the UK utilities sector. Engineering, Construction and Architectural Management, 2020, 27, 2179-2198.	1.8	37
6	Relationship Between Leadership Styles and Project Success in the South Africa Construction Industry. Procedia Engineering, 2015, 123, 284-290.	1.2	36
7	The Influence of Urban/Rural Background, Gender, Age & Education on the Perception of and Response to Dreams among Zulu South Africans. South African Journal of Psychology, 2000, 30, 1-5.	1.0	34
8	Risk of excavators overturning. Engineering, Construction and Architectural Management, 2019, 26, 479-498.	1.8	33
9	Real-time structural health monitoring for concrete beams: a cost-effective â€~Industry 4.0' solution using piezo sensors. International Journal of Building Pathology and Adaptation, 2020, 39, 283-311.	0.7	33
10	Digitalization of construction organisations – a case for digital partnering. International Journal of Construction Management, 2022, 22, 1950-1959.	2.2	31
11	Investigation of Construction Stakeholders' Perception on the Effects & Cost of Construction Dispute in Swaziland. Procedia Engineering, 2016, 164, 196-205.	1.2	29
12	Effects of Construction Projects Schedule Overruns: A Case of the Gauteng Province, South Africa. Procedia Manufacturing, 2015, 3, 1690-1695.	1.9	28
13	Comparison of modular and traditional UK housing construction: a bibliometric analysis. Journal of Engineering, Design and Technology, 2021, 19, 164-186.	1.1	28
14	Mega event management of formula one grand prix: an analysis of literature. Facilities, 2019, 37, 1166-1184.	0.8	26
15	Post Occupancy Evaluation of School Refurbishment Projects: Multiple Case Study in the UK. Buildings, 2021, 11, 169.	1.4	25
16	Dynamic capabilities for digitalisation in the AECO sector – a scientometric review. Engineering, Construction and Architectural Management, 2022, 29, 1585-1608.	1.8	25
17	Communication performance challenges in PPP projects: cases of Ghana and South Africa. Built Environment Project and Asset Management, 2019, 9, 628-641.	0.9	24
18	Microscoping the challenges of sustainable construction in developing countries. Journal of Engineering, Design and Technology, 2019, 17, 1110-1128.	1.1	23

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19	An Appraisal of Housing Satisfaction in South Africa Low Income Housing Scheme. International Journal of Construction Management, 2012, 12, 1-21.	2.2	22
20	Digital transformation in the construction industry: a bibliometric review. Journal of Engineering, Design and Technology, 2024, 22, 130-158.	1.1	21
21	Making a case for 3D printing for housing delivery in South Africa. International Journal of Housing Markets and Analysis, 2020, 13, 565-581.	0.7	20
22	An Assessment of the Critical Success factor for The Reduction of Cost of Poor Quality in Construction Projects in Swaziland. Procedia Engineering, 2017, 196, 447-453.	1.2	19
23	Contractors' perceptions of the effects of cash flow on construction projects. Journal of Engineering, Design and Technology, 2019, 18, 308-325.	1.1	19
24	PERFORMANCE OF A GREEN BUILDING'S INDOOR ENVIRONMENTAL QUALITY ON BUILDING OCCUPANTS IN SOUTH AFRICA. Journal of Green Building, 2019, 14, 131-148.	0.4	19
25	A rework probability model: a quantitative assessment of rework occurrence in construction projects. International Journal of Construction Management, 2015, 15, 109-116.	2.2	18
26	Factor analysis of critical success factors for water infrastructure projects delivered under public–private partnerships. Journal of Financial Management of Property and Construction, 2019, 24, 338-357.	0.9	17
27	A confirmatory factor analysis of the challenges of effective management of construction workforce in South Africa. Journal of Engineering, Design and Technology, 2023, 21, 1134-1152.	1.1	17
28	A Case Study of a Negotiated Tender within a Small-to-Medium Construction Contractor: Modelling Project Cost Variance. Buildings, 2021, 11, 260.	1.4	16
29	Determination of the Potential Impact of Domestic Anaerobic Digester Systems: A Community Based Research Initiative in Rural Bangladesh. Processes, 2019, 7, 512.	1.3	15
30	Problems Facing Small and Medium Size Contractors in Swaziland. Journal of Service Science and Management, 2009, 02, 353-361.	0.4	15
31	Modelling construction 4.0 as a vaccine for ensuring construction supply chain resilience amid COVID-19 pandemic. Journal of Engineering, Design and Technology, 2022, 20, 132-158.	1.1	14
32	An appraisal of generic skills for Nigerian built environment professionals in workplace: the unexplored approach. Journal of Engineering, Design and Technology, 2023, 21, 1841-1856.	1.1	14
33	A bibliometric evaluation and critical review of the smart city concept – making a case for social equity. Journal of Science and Technology Policy Management, 2023, 14, 487-510.	1.7	13
34	A Theoretical Perspective on the Difference between Leadership and Management. Procedia Engineering, 2017, 196, 478-482.	1.2	12
35	Ancestral Consciousness in the Zulu Culture: A Wilberian View. Journal of Psychology in Africa, 2011, 21, 131-137.	0.3	11
36	Assessing the "clerk of works―role in delivering quality affordable housing: a UK case study. Smart and Sustainable Built Environment, 2022, 11, 996-1016.	2.2	11

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37	Unprepared industry meet pandemic: COVID-19 and the South Africa construction industry. Journal of Engineering, Design and Technology, 2022, 20, 183-200.	1.1	11
38	Using neural network model to estimate the rental price of residential properties. Journal of Financial Management of Property and Construction, 2019, 24, 217-230.	0.9	10
39	A SCIENTOMETRIC ANALYSIS AND VISUALIZATION OF GREEN BUILDING RESEARCH IN AFRICA. Journal of Green Building, 2021, 16, 83-86.	0.4	10
40	A Holistic Assessment of Construction and Demolition Waste Management in the Nigerian Construction Projects. Sustainability, 2021, 13, 6241.	1.6	10
41	Assessing maintenance budget elements for building maintenance management in Nigerian built environment: a Delphi study. Built Environment Project and Asset Management, 2022, 12, 649-666.	0.9	10
42	Curbing PPP construction projects' failure using enhanced stakeholder management success in developing countries. Built Environment Project and Asset Management, 2019, 10, 50-63.	0.9	9
43	An investigation into the erroneous access and egress behaviours of building users and their impact upon building performance. Facilities, 2020, 38, 739-760.	0.8	9
44	3D PRINTING FOR SUSTAINABLE LOW-INCOME HOUSING IN SOUTH AFRICA: A CASE FOR THE URBAN POOR. Journal of Green Building, 2021, 16, 129-141.	0.4	9
45	Generic skills of future built environment practitioners in South Africa: unexplored mechanism via students' perception. Journal of Engineering, Design and Technology, 2024, 22, 561-577.	1.1	9
46	Analysis on the perceived occurrence of challenges delaying the delivery of water infrastructure assets in South Africa. Journal of Engineering, Design and Technology, 2019, 17, 554-571.	1.1	8
47	An investigation into the construction industry's view on fire prevention in high-rise buildings post Grenfell. International Journal of Building Pathology and Adaptation, 2019, 38, 451-471.	0.7	8
48	Short run causal relationship between foreign direct investment (FDI) and infrastructure development. Journal of Engineering, Design and Technology, 2019, 17, 1202-1221.	1.1	8
49	Modelling construction completion cost in Ghana public sector building projects. Asian Journal of Civil Engineering, 2019, 20, 1063-1070.	0.8	7
50	Evaluating Occupational Health and Safety Management Strategy Success Factors for Small-Scale Contractors in Zambia. Sustainability, 2021, 13, 4696.	1.6	7
51	A Delphi approach to evaluating the success factors for the application of smart mobility systems in smart cities: a construction industry perspective. International Journal of Construction Management, 2023, 23, 1289-1298.	2.2	7
52	Analysis and modelling of social housing repair and maintenance costs: A UK case study. Journal of Building Engineering, 2022, 52, 104389.	1.6	7
53	Attitudes of Owners which Impedes Firm's Growth: A Case of Small and Medium-sized Construction Firms in Ghana. Procedia Engineering, 2016, 164, 230-234.	1.2	6
54	Measures to improve the adoption of life cycle assessment in the South African construction industry. Journal of Engineering, Design and Technology, 2019, 18, 480-494.	1.1	6

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55	Assessment of the Delays in the Delivery of Public Sector Projects in South Africa. Advances in Intelligent Systems and Computing, 2019, , 902-908.	0.5	6
56	Help, I am not coping with my job! $\hat{a} \in A$ work-life balance strategy for the Eswatini construction industry. Engineering, Construction and Architectural Management, 2022, 31, 140-159.	1.8	6
57	Health and Safety Regulation and Its Compliance Among Small and Medium-Sized Enterprises Contractors in Ghana. Advances in Intelligent Systems and Computing, 2016, , 243-249.	0.5	5
58	Benefits and Drivers of Implementing Green Building Projects in South Africa. Journal of Physics: Conference Series, 2019, 1378, 032038.	0.3	5
59	Determinants of sustainable road infrastructure project implementation outcomes in developing countries. Sustainable and Resilient Infrastructure, 2022, 7, 239-251.	1.7	5
60	Challenges Facing Labour-Intensive Public Works Programmes and Projects in South Africa. International Journal of Construction Management, 2007, 7, 1-9.	2.2	4
61	Lessons learned from in situ upgrading and eradication of informal settlement in Gauteng Province in South Africa. International Journal of Housing Markets and Analysis, 2010, 3, 233-244.	0.7	4
62	Critical Drivers for Health and Safety Management among SMEs in the Eswatini Construction Industry. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012005.	0.3	4
63	Descriptive perspective on factors affecting the complete adoption of information technology systems in the construction firms. Journal of Physics: Conference Series, 2019, 1378, 022045.	0.3	4
64	Identification of variables proposed for inclusion into a regional railway corridor transportation economic regulatory framework: A case of the Southern African Development Community North–South Corridor. Journal of Transport and Supply Chain Management, 0, 14, .	0.6	4
65	Principal Component Analysis of Constraints to the Development of Local Content Law for the Ghanaian Construction Industry: Stakeholders' Perspective. International Journal of Construction Education and Research, 2022, 18, 201-216.	1.1	4
66	Validating elements of competitive intelligence for competitive advantage of construction firms in Ghana: A Delphi study. African Journal of Science, Technology, Innovation and Development, 2021, 13, 377-386.	0.8	4
67	The Impact of the Covid 19 Pandemic on the Development of the Fourth Industrial Revolution in Southern Africa. Journal of Intellectual Disability - Diagnosis and Treatment, 2021, 9, 56-63.	0.1	4
68	Exploring stakeholder roles in the management of indoor environmental quality of higher education institutes in South Africa. Management of Environmental Quality, 2021, 32, 1367-1382.	2.2	4
69	Clusters of key barriers to life cycle assessment adoption in the South African construction industry: perspectives of stakeholders. Journal of Engineering, Design and Technology, 2021, 19, 888-903.	1.1	4
70	Skills development in South Africa: Group Five's social investment project. Development in Practice, 2008, 18, 446-449.	0.6	3
71	Exploratory factor analysis on drivers of firm's growth among construction SMEs in Ghana. African Journal of Science, Technology, Innovation and Development, 2018, 10, 20-27.	0.8	3
72	Influences of Mentoring Functions on Job Satisfaction and Organizational Commitment of Graduate Employees. Advances in Intelligent Systems and Computing, 2018, , 197-206.	0.5	3

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73	Prediction of Residential Satisfaction in South African Low-Income Housing: Role of Beneficiaries. Journal of Architectural Engineering, 2018, 24, .	0.8	3
74	Benefits of Human Resource Information Systems in a South African Construction Organisation. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012007.	0.3	3
75	Improving the efficacy of cost contingency plans for construction projects in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012030.	0.3	3
76	Information and communication technology application challenges in the construction industry: A narrative review. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012025.	0.3	3
77	Sustainable procurement model for publicly funded construction projects in developing nations – a structural equation modeling approach. International Journal of Construction Management, 2023, 23, 449-461.	2.2	3
78	The Meanings of an Animal Wristband (isiphandla) in KwaZulu-Natal, South Africa. Journal of Psychology in Africa, 2011, 21, 371-373.	0.3	2
79	Are Rural Students from Historically Disadvantaged Communities Prepared for Psychology Studies at University?. Journal of Psychology in Africa, 2012, 22, 419-424.	0.3	2
80	Performance evaluation of contractor development programmes in South Africa. African Journal of Science, Technology, Innovation and Development, 2017, 9, 21-29.	0.8	2
81	Corrective Measures for Construction Project Cost Control. , 2017, , .		2
82	Contractors' Organisational Culture Towards Health and Safety Compliance in Ghana. , 2018, , 535-542.		2
83	Human Resource Management and Effects of Mentoring on Retention of Employees in the Construction Sector: A Literature Review. Advances in Intelligent Systems and Computing, 2018, , 207-217.	0.5	2
84	Description of philophonetics counselling as expressive therapeutic modality for treating depression. Al and Society, 2019, 34, 609-614.	3.1	2
85	An assessment on the drivers and obstacles of sustainable project management in South Africa: A case study of Johannesburg. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012022.	0.3	2
86	Impact of Security on Rental Price of Residential Properties: Evidence from South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012001.	0.3	2
87	Critical Success Strategies for Competitive Advantage of Indigenous Construction Firms in Developing Countries: A Ghana Study. Global Business Review, 2022, 23, 1188-1199.	1.6	2
88	Examination of Occupational Health and Safety Practices in Ghana. Advances in Intelligent Systems and Computing, 2018, , 403-409.	0.5	2
89	Stakeholder management in the alleviation of legal and regulatory disputes in public-private partnership projects in South Africa. Journal of Engineering, Design and Technology, 2023, 21, 325-342.	1.1	2
90	Community participation in urban renewal projects: experiences and challenges of the case of Johannesburg, South Africa. WIT Transactions on Ecology and the Environment, 2006, , .	0.0	2

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91	Structural equation modelling of building quality constructs as a predictor of satisfaction in subsidised low-income housing. Urbani Izziv, 2014, 25, S134-S147.	0.2	2
92	Forecasting Rental Values of Residential Properties: A Neural Network Model Approach. Advances in Science, Technology and Innovation, 2021, , 309-313.	0.2	2
93	Driving the Fourth Industrial Revolution Initiative Through University and Industry Collaborations. Journal of Construction in Developing Countries, 2021, 26, 211-230.	0.3	2
94	Validating elements ofÂorganisational maintenance policy for maintenance management ofÂpublic buildings in Nigeria. Journal of Quality in Maintenance Engineering, 2022, ahead-of-print, .	1.0	2
95	Young Women who Have Experienced Unwanted Pregnancy: A Multiple Case Study. Journal of Psychology in Africa, 2012, 22, 425-427.	0.3	1
96	Contemplating the Self: A Brief Phenomenological Participatory Action Study. Journal of Psychology in Africa, 2013, 23, 639-641.	0.3	1
97	Confirmatory Factor Analysis of Neighbourhood Features amongst South African Low-Income Housing Occupants. , 2013, , .		1
98	Homeownership and Effectiveness of the South Africa Government Housing Subsidy Scheme. , 2014, , .		1
99	An Exploratory Study of the Causes of Failure in Construction Small Businesses: A Case of the Johannesburg Construction Industry, South Africa. , 2015, , .		1
100	Causes of Cost Overruns in Public Sector Construction Projects in South Africa. , 2017, , .		1
101	Risk Management in the Supply Chain of Essential Medicines. , 2018, , 1275-1287.		1
102	Identifying the awareness level of the use of sustainable project management in the South African construction industry. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012021.	0.3	1
103	Total Quality Management Practices in Construction Project Delivery in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012004.	0.3	1
104	Mapping out research focus for emotional intelligence in human resource management in the construction industry. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012018.	0.3	1
105	Rethinking the Attributes for Competitive Advantage of Indigenous Construction Firms in Developing Countries: A Ghana Study. International Journal of Construction Education and Research, 2021, 17, 242-257.	1.1	1
106	Modelling the Socio-Economic Implications of Sustainability Issues in the Housing Market. , 2020, , .		1
107	Assessing South African Construction Worker's Knowledge of Modern Technologies for Effective Material Management. Engineering Journal, 2021, 25, 137-142.	0.5	1
108	Human Factor Based Conceptual Framework for Construction Business Marketing. Advances in Intelligent Systems and Computing, 2018, , 279-289.	0.5	1

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109	Examining the Relationship Between Lean Adoption and Housing Finance in Ghana. Advances in Intelligent Systems and Computing, 2019, , 301-311.	0.5	1
110	Explication of Challenges with Acceptance of Marketing Functions in the Management of Construction Business Enterprise. , 2018, , 745-758.		1
111	Causes of Variation Orders in Construction: A Case Study of Polokwane, Limpopo Province. Advances in Intelligent Systems and Computing, 2019, , 914-920.	0.5	1
112	Bridging the Gap between Academic and Practice Quantity Surveying in Nigerian Construction Industry. Modular and Offsite Construction (MOC) Summit Proceedings, 0, , 528-535.	0.0	1
113	CHALLENGES HINDERING THE ATTAINMENT OF SMART CITIES. Proceedings of International Structural Engineering and Construction, 2019, 6, .	0.1	1
114	The Sources of Dispute in Construction Projects in the Mpumalanga Province. Advances in Science, Technology and Innovation, 2021, , 503-508.	0.2	1
115	Mitigating Factors of Financial Distress Causalities of Project Performance in Ghana. Journal of Infrastructure Systems, 2022, 28, .	1.0	1
116	The effect of management control on labour productivity of labour-intensive works in Ghana. Acta Structilia, 2022, 29, .	0.4	1
117	Community Psychology Doctoral Theses: A South African University Case Study. Journal of Psychology in Africa, 2010, 20, 151-154.	0.3	0
118	The Causes of Delays in the Delivery of Construction Projects: A Review of Literature. , 2014, , 715-720.		0
119	Contractor's Health and Safety Practices Model. Advances in Intelligent Systems and Computing, 2019, , 563-579.	0.5	0
120	Roles and effects of utilizing recent technologies on material management for construction work in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012023.	0.3	0
121	Barriers to retrofitting buildings for energy efficiency in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012015.	0.3	0
122	Evaluation of the use of modern technologies for effective material management in South African construction industry. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012024.	0.3	0
123	Premature Project Closure: The Part Played by Clients. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012028.	0.3	0
124	Critical success factors militating against competitive advantage of indigenous construction firms in developing countries. African Journal of Science, Technology, Innovation and Development, 2020, 12, 187-194.	0.8	0
125	Unearthing the Factors Impeding Sustainable Construction in Developing Countries—A PLS-SEM Approach. Advances in Sustainability Science and Technology, 2021, , 113-134.	0.4	0
126	A THEORETICAL EVALUATION ON THE IMPLEMENTATION OF ARTIFICIAL INTELLIGENCE FOR LEARNING CURVE FOR BUILT ENVIRONMENT. Proceedings of International Structural Engineering and Construction, 2021, 8, .	0.1	0

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127	STRATEGIES TO IMPROVE RISK MANAGEMENT IN CONSTRUCTION INDUSTRIES. Proceedings of International Structural Engineering and Construction, 2021, 8, .	0.1	0
128	PHILOSOPHICAL BASIS FOR HOUSING DEVELOPMENT. Proceedings of International Structural Engineering and Construction, 2015, 2, .	0.1	0
129	EFFECTS OF MENTORING ON SOCIALIZATION OF GRADUATE EMPLOYEES IN THE BUILDING ENVIRONMENT THROUGH KNOWLEDGE TRANSFER. Proceedings of International Structural Engineering and Construction, 2016, 3, .	0.1	0
130	Assessment of Human Factors Analysis and Classification System in Construction Accident Prevention. Advances in Intelligent Systems and Computing, 2018, , 288-295.	0.5	0
131	An Investigation of Government Support Influence on Low-Income Housing Construction Quality in South Africa. Advances in Intelligent Systems and Computing, 2019, , 457-463.	0.5	Ο
132	Framework for Small and Medium-Sized Contractors Growth. Advances in Intelligent Systems and Computing, 2019, , 587-597.	0.5	0
133	Influential Factors of Unsafe Acts of Contractors in Cape Coast Metropolis. Advances in Intelligent Systems and Computing, 2019, , 606-617.	0.5	0
134	A Stakeholders Perspective on the Causes of Poor Service Delivery of Road Infrastructure. Advances in Intelligent Systems and Computing, 2019, , 140-150.	0.5	0
135	CHALLENGES FACED BY PUBLIC-PRIVATE PARTNERSHIP IN IMPROVING SERVICE DELIVERY. Proceedings of International Structural Engineering and Construction, 2018, 5, .	0.1	0
136	MANAGEMENT RELATED CRITICAL SUCCESS FACTORS FOR THE ADMINISTRATION OF BUILDING PROJECTS. Proceedings of International Structural Engineering and Construction, 2018, 5, .	0.1	0
137	THEORETICAL VALUATION OF THE INFLUENCE OF CORPORATE GOVERNANCE AND SUSTAINABILITY ON LOW-COST HOUSING. Proceedings of International Structural Engineering and Construction, 2019, 6, .	0.1	0
138	ROLE OF INDUSTRY EMPLOYERS IN FOSTERING EMPLOYABILITY SKILLS. Proceedings of International Structural Engineering and Construction, 2019, 6, .	0.1	0
139	A Systems Thinking Approach to Construction Project Management. , 2020, , 1-11.		0
140	Work-Life Balance Practices in the Construction Industry of Swaziland. , 2020, , 82-89.		0
141	The Socio-economic Implications of a Sustainability Issue "Grave―on Residential Choices. , 2020, , 113-144.		0
142	The Nigerian Property Market Situation. , 2020, , 23-46.		0
143	Negative Externalities and Social Exclusion in the City. , 2020, , 47-60.		0
144	Discussion of Parameter Estimates. , 2020, , 145-157.		0

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145	Research Method and Algorithm. , 2020, , 85-112.		0
146	A Model Validation and Predicting the Rental Values of Residential Properties Using Logistic Regression Model. Advances in Science, Technology and Innovation, 2021, , 333-338.	0.2	0
147	External Components of Premature Construction Project Closure. Advances in Science, Technology and Innovation, 2021, , 285-288.	0.2	0
148	Challenges Affecting Leadership Development in the Construction Industry. Advances in Science, Technology and Innovation, 2021, , 419-425.	0.2	0
149	Health and Safety Elements of Premature Construction Project Closure. Advances in Science, Technology and Innovation, 2021, , 289-292.	0.2	0
150	Land Use Planning and Sustainability Issues. , 2020, , 9-21.		0
151	Summary and Policy Implications. , 2020, , 159-169.		Ο