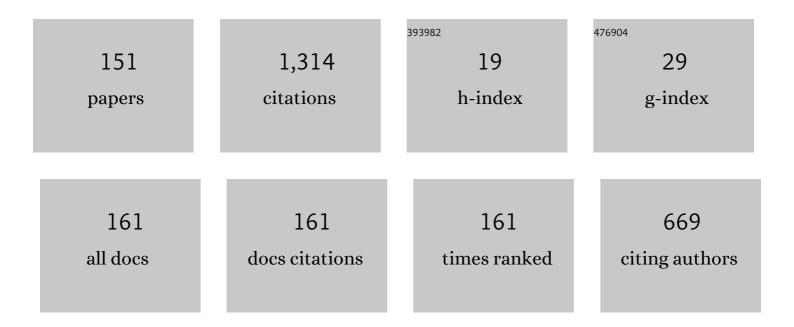
Wellington Didibhuku Thwala

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Digital transformation in the construction industry: a bibliometric review. Journal of Engineering, Design and Technology, 2024, 22, 130-158.	1.1	21
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Determinants of sustainable road infrastructure project implementation outcomes in developing countries. Sustainable and Resilient Infrastructure, 2022, 7, 239-251.	1.7	5
12	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
13	Digitalization of construction organisations – a case for digital partnering. International Journal of Construction Management, 2022, 22, 1950-1959.	2.2	31
14	Dynamic capabilities for digitalisation in the AECO sector – a scientometric review. Engineering, Construction and Architectural Management, 2022, 29, 1585-1608.	1.8	25
15	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
16	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
17	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
18	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

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19	Analysis and modelling of social housing repair and maintenance costs: A UK case study. Journal of Building Engineering, 2022, 52, 104389.	1.6	7
20	Help, I am not coping with my job! – A work-life balance strategy for the Eswatini construction industry. Engineering, Construction and Architectural Management, 2022, 31, 140-159.	1.8	6
21	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
22	Mitigating Factors of Financial Distress Causalities of Project Performance in Ghana. Journal of Infrastructure Systems, 2022, 28, .	1.0	1
23	The effect of management control on labour productivity of labour-intensive works in Ghana. Acta Structilia, 2022, 29, .	0.4	1
24	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
25	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
26	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
27	Comparison of modular and traditional UK housing construction: a bibliometric analysis. Journal of Engineering, Design and Technology, 2021, 19, 164-186.	1.1	28
28	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
29	Assessing South African Construction Worker's Knowledge of Modern Technologies for Effective Material Management. Engineering Journal, 2021, 25, 137-142.	0.5	1
30	A SCIENTOMETRIC ANALYSIS AND VISUALIZATION OF GREEN BUILDING RESEARCH IN AFRICA. Journal of Green Building, 2021, 16, 83-86.	0.4	10
31	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
32	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
33	Evaluating Occupational Health and Safety Management Strategy Success Factors for Small-Scale Contractors in Zambia. Sustainability, 2021, 13, 4696.	1.6	7
34	Post Occupancy Evaluation of School Refurbishment Projects: Multiple Case Study in the UK. Buildings, 2021, 11, 169.	1.4	25
35	A Holistic Assessment of Construction and Demolition Waste Management in the Nigerian Construction Projects. Sustainability, 2021, 13, 6241.	1.6	10
36	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

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37	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
38	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
39	STRATEGIES TO IMPROVE RISK MANAGEMENT IN CONSTRUCTION INDUSTRIES. Proceedings of International Structural Engineering and Construction, 2021, 8, .	0.1	0
40	Forecasting Rental Values of Residential Properties: A Neural Network Model Approach. Advances in Science, Technology and Innovation, 2021, , 309-313.	0.2	2
41	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
42	External Components of Premature Construction Project Closure. Advances in Science, Technology and Innovation, 2021, , 285-288.	0.2	0
43	Challenges Affecting Leadership Development in the Construction Industry. Advances in Science, Technology and Innovation, 2021, , 419-425.	0.2	Ο
44	Health and Safety Elements of Premature Construction Project Closure. Advances in Science, Technology and Innovation, 2021, , 289-292.	0.2	0
45	The Sources of Dispute in Construction Projects in the Mpumalanga Province. Advances in Science, Technology and Innovation, 2021, , 503-508.	0.2	1
46	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
47	Driving the Fourth Industrial Revolution Initiative Through University and Industry Collaborations. Journal of Construction in Developing Countries, 2021, 26, 211-230.	0.3	2
48	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
49	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
50	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
51	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
52	Modelling the Socio-Economic Implications of Sustainability Issues in the Housing Market. , 2020, , .		1
53	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
54	A Systems Thinking Approach to Construction Project Management. , 2020, , 1-11.		0

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55	Work-Life Balance Practices in the Construction Industry of Swaziland. , 2020, , 82-89.		Ο
56	The Socio-economic Implications of a Sustainability Issue "Grave―on Residential Choices. , 2020, , 113-144.		0
57	The Nigerian Property Market Situation. , 2020, , 23-46.		0
58	Negative Externalities and Social Exclusion in the City. , 2020, , 47-60.		0
59	Discussion of Parameter Estimates. , 2020, , 145-157.		0
60	Research Method and Algorithm. , 2020, , 85-112.		0
61	Land Use Planning and Sustainability Issues. , 2020, , 9-21.		0
62	Summary and Policy Implications. , 2020, , 159-169.		0
63	Contractor's Health and Safety Practices Model. Advances in Intelligent Systems and Computing, 2019, , 563-579.	0.5	0
64	Description of philophonetics counselling as expressive therapeutic modality for treating depression. Al and Society, 2019, 34, 609-614.	3.1	2
65	Modelling construction completion cost in Ghana public sector building projects. Asian Journal of Civil Engineering, 2019, 20, 1063-1070.	0.8	7
66	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
67	Microscoping the challenges of sustainable construction in developing countries. Journal of Engineering, Design and Technology, 2019, 17, 1110-1128.	1.1	23
68	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
69	Risk of excavators overturning. Engineering, Construction and Architectural Management, 2019, 26, 479-498.	1.8	33
70	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
71	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
72	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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73	Mega event management of formula one grand prix: an analysis of literature. Facilities, 2019, 37, 1166-1184.	0.8	26
74	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
75	Contractors' perceptions of the effects of cash flow on construction projects. Journal of Engineering, Design and Technology, 2019, 18, 308-325.	1.1	19
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	Barriers to retrofitting buildings for energy efficiency in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012015.	0.3	0
86	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
87	Premature Project Closure: The Part Played by Clients. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012028.	0.3	0
88	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
89	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
90	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

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91	Total Quality Management Practices in Construction Project Delivery in South Africa. IOP Conference Series: Materials Science and Engineering, 2019, 640, 012004.	0.3	1
92	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
93	Benefits and Drivers of Implementing Green Building Projects in South Africa. Journal of Physics: Conference Series, 2019, 1378, 032038.	0.3	5
94	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
95	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
96	Examining the Relationship Between Lean Adoption and Housing Finance in Ghana. Advances in Intelligent Systems and Computing, 2019, , 301-311.	0.5	1
97	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
98	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	0
99	Framework for Small and Medium-Sized Contractors Growth. Advances in Intelligent Systems and Computing, 2019, , 587-597.	0.5	0
100	Influential Factors of Unsafe Acts of Contractors in Cape Coast Metropolis. Advances in Intelligent Systems and Computing, 2019, , 606-617.	0.5	0
101	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
102	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
103	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
104	CHALLENGES HINDERING THE ATTAINMENT OF SMART CITIES. Proceedings of International Structural Engineering and Construction, 2019, 6, .	0.1	1
105	ROLE OF INDUSTRY EMPLOYERS IN FOSTERING EMPLOYABILITY SKILLS. Proceedings of International Structural Engineering and Construction, 2019, 6, .	0.1	0
106	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
107	Risk Management in the Supply Chain of Essential Medicines. , 2018, , 1275-1287.		1
108	Contractors' Organisational Culture Towards Health and Safety Compliance in Ghana. , 2018, , 535-542.		2

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109	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
110	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
111	Prediction of Residential Satisfaction in South African Low-Income Housing: Role of Beneficiaries. Journal of Architectural Engineering, 2018, 24, .	0.8	3
112	Human Factor Based Conceptual Framework for Construction Business Marketing. Advances in Intelligent Systems and Computing, 2018, , 279-289.	0.5	1
113	Examination of Occupational Health and Safety Practices in Ghana. Advances in Intelligent Systems and Computing, 2018, , 403-409.	0.5	2
114	Assessment of Human Factors Analysis and Classification System in Construction Accident Prevention. Advances in Intelligent Systems and Computing, 2018, , 288-295.	0.5	0
115	Explication of Challenges with Acceptance of Marketing Functions in the Management of Construction Business Enterprise. , 2018, , 745-758.		1
116	CHALLENGES FACED BY PUBLIC-PRIVATE PARTNERSHIP IN IMPROVING SERVICE DELIVERY. Proceedings of International Structural Engineering and Construction, 2018, 5, .	0.1	0
117	MANAGEMENT RELATED CRITICAL SUCCESS FACTORS FOR THE ADMINISTRATION OF BUILDING PROJECTS. Proceedings of International Structural Engineering and Construction, 2018, 5, .	0.1	Ο
118	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
119	Performance evaluation of contractor development programmes in South Africa. African Journal of Science, Technology, Innovation and Development, 2017, 9, 21-29.	0.8	2
120	A Theoretical Perspective on the Difference between Leadership and Management. Procedia Engineering, 2017, 196, 478-482.	1.2	12
121	Causes of Cost Overruns in Public Sector Construction Projects in South Africa. , 2017, , .		1
122	Corrective Measures for Construction Project Cost Control. , 2017, , .		2
123	Investigation of Construction Stakeholders' Perception on the Effects & Cost of Construction Dispute in Swaziland. Procedia Engineering, 2016, 164, 196-205.	1.2	29
124	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
125	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
126	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

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127	Relationship Between Leadership Styles and Project Success in the South Africa Construction Industry. Procedia Engineering, 2015, 123, 284-290.	1.2	36
128	An Exploratory Study of the Causes of Failure in Construction Small Businesses: A Case of the Johannesburg Construction Industry, South Africa. , 2015, , .		1
129	Effects of Construction Projects Schedule Overruns: A Case of the Gauteng Province, South Africa. Procedia Manufacturing, 2015, 3, 1690-1695.	1.9	28
130	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
131	PHILOSOPHICAL BASIS FOR HOUSING DEVELOPMENT. Proceedings of International Structural Engineering and Construction, 2015, 2, .	0.1	0
132	The Causes of Delays in the Delivery of Construction Projects: A Review of Literature. , 2014, , 715-720.		0
133	Overruns in transportation infrastructure projects. Structure and Infrastructure Engineering, 2014, 10, 141-159.	2.0	51
134	Homeownership and Effectiveness of the South Africa Government Housing Subsidy Scheme. , 2014, , .		1
135	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
136	Contemplating the Self: A Brief Phenomenological Participatory Action Study. Journal of Psychology in Africa, 2013, 23, 639-641.	0.3	1
137	Confirmatory Factor Analysis of Neighbourhood Features amongst South African Low-Income Housing Occupants. , 2013, , .		1
138	An Appraisal of Housing Satisfaction in South Africa Low Income Housing Scheme. International Journal of Construction Management, 2012, 12, 1-21.	2.2	22
139	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
140	Young Women who Have Experienced Unwanted Pregnancy: A Multiple Case Study. Journal of Psychology in Africa, 2012, 22, 425-427.	0.3	1
141	Ancestral Consciousness in the Zulu Culture: A Wilberian View. Journal of Psychology in Africa, 2011, 21, 131-137.	0.3	11
142	The Meanings of an Animal Wristband (isiphandla) in KwaZulu-Natal, South Africa. Journal of Psychology in Africa, 2011, 21, 371-373.	0.3	2
143	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
144	Community Psychology Doctoral Theses: A South African University Case Study. Journal of Psychology in Africa, 2010, 20, 151-154.	0.3	0

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145	Problems Facing Small and Medium Size Contractors in Swaziland. Journal of Service Science and Management, 2009, 02, 353-361.	0.4	15
146	Skills development in South Africa: Group Five's social investment project. Development in Practice, 2008, 18, 446-449.	0.6	3
147	Challenges Facing Labour-Intensive Public Works Programmes and Projects in South Africa. International Journal of Construction Management, 2007, 7, 1-9.	2.2	4
148	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
149	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
150	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
151	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