

Jasper Ic Mbachu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3187270/publications.pdf>

Version: 2024-02-01

40
papers

792
citations

623699

14
h-index

526264

27
g-index

47
all docs

47
docs citations

47
times ranked

580
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing an Integrated BIM+GIS Web-Based Platform for a Mega Construction Project. <i>KSCE Journal of Civil Engineering</i> , 2022, 26, 1505-1521.	1.9	7
2	Installation Quality Inspection for High Formwork Using Terrestrial Laser Scanning Technology. <i>Symmetry</i> , 2022, 14, 377.	2.2	3
3	BIM Adoption in the Cambodian Construction Industry: Key Drivers and Barriers. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 215.	2.9	35
4	Investigating the Causal Relationships between Project Complexities and Project Cost: An Empirical Study from New Zealand. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-17.	0.7	4
5	Using artificial neural networks to forecast producer price index for New Zealand. <i>International Journal of Internet Manufacturing and Services</i> , 2020, 7, 191.	0.1	1
6	Identifying Significant Cost-Influencing Factors for Sustainable Development in Construction Industry Using Structural Equation Modelling. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-16.	1.1	8
7	Modelling Residential Building Costs in New Zealand: A Time-Series Transfer Function Approach. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-18.	1.1	2
8	Using artificial neural networks to forecast producer price index for New Zealand. <i>International Journal of Internet Manufacturing and Services</i> , 2020, 7, 191.	0.1	0
9	Transfer Function Analysis: Modelling Residential Building Costs in New Zealand by Including the Influences of House Price and Work Volume. <i>Buildings</i> , 2019, 9, 152.	3.1	6
10	Energy Management through Cost Forecasting for Residential Buildings in New Zealand. <i>Energies</i> , 2019, 12, 2888.	3.1	4
11	An Integrated BIM+GIS Method for Planning of Water Distribution System. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 331.	2.9	31
12	Optimization of the Supplier Selection Process in Prefabrication Using BIM. <i>Buildings</i> , 2019, 9, 222.	3.1	16
13	Development of Intelligent Prefabs Using IoT Technology to Improve the Performance of Prefabricated Construction Projects. <i>Sensors</i> , 2019, 19, 4131.	3.8	35
14	Exploring the Trend of New Zealand Housing Prices to Support Sustainable Development. <i>Sustainability</i> , 2019, 11, 2482.	3.2	4
15	New Zealand Building Project Cost and Its Influential Factors: A Structural Equation Modelling Approach. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-15.	0.7	18
16	Highway Alignment Optimization: An Integrated BIM and GIS Approach. <i>ISPRS International Journal of Geo-Information</i> , 2019, 8, 172.	2.9	36
17	Improving efficiency in roading projects: a New Zealand study. <i>Engineering, Construction and Architectural Management</i> , 2019, 26, 827-849.	3.1	5
18	Forecasting residential building costs in New Zealand using a univariate approach. <i>International Journal of Engineering Business Management</i> , 2019, 11, 184797901988006.	3.7	5

#	ARTICLE	IF	CITATIONS
19	Benefits and barriers in uptake of mobile apps in New Zealand construction industry. <i>Facilities</i> , 2019, 37, 254-265.	1.6	12
20	Key constraints to labour productivity in residential building projects: evidence from Cambodia. <i>International Journal of Construction Management</i> , 2018, 18, 385-393.	3.2	41
21	Preparation of small to medium-sized enterprises to earthquake disaster. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2018, 51, 171-182.	0.5	3
22	Influence of key role players on productivity outcomes in the residential building lifecycle. <i>Journal of Engineering, Design and Technology</i> , 2017, 15, 528-551.	1.7	13
23	Why Are Naturally Ventilated Office Spaces Not Popular in New Zealand?. <i>Sustainability</i> , 2017, 9, 902.	3.2	14
24	Exploratory Factors Influencing Building Development Costs in New Zealand. <i>Buildings</i> , 2017, 7, 57.	3.1	3
25	The Perceived Benefits of Apps by Construction Professionals in New Zealand. <i>Buildings</i> , 2017, 7, 111.	3.1	14
26	A preliminary investigation on use of construction apps in New Zealand. , 2017, , .		0
27	Hunting the Popular Construction Apps. , 2016, , .		6
28	Marginal Productivity Gained Through Prefabrication: Case Studies of Building Projects in Auckland. <i>Buildings</i> , 2015, 5, 196-208.	3.1	30
29	Contractual risks in the New Zealand construction industry: Analysis and mitigation measures. <i>International Journal of Construction Supply Chain Management</i> , 2014, 4, 22-33.	0.5	6
30	Factors influencing the accuracy of pre-contract stage estimation of final contract price in New Zealand. <i>International Journal of Construction Supply Chain Management</i> , 2014, 4, 51-64.	0.5	9
31	Critical success factors, opportunities and threats of the cost management profession: the case of Australasian quantity surveying firms. <i>International Journal of Project Organisation and Management</i> , 2013, 5, 4.	0.1	14
32	Challenges faced by facilities managers in the Australasian universities. <i>Journal of Facilities Management</i> , 2013, 11, 136-151.	1.8	39
33	Prefabrication as an onsite productivity enhancer: analysis of impact levels of the underlying constraints and improvement measures in New Zealand construction industry. <i>International Journal of Project Organisation and Management</i> , 2013, 5, 334.	0.1	10
34	On-site Labour Productivity of New Zealand Construction Industry: Key Constraints and Improvement Measures. <i>Construction Economics and Building</i> , 2011, 11, 18-33.	0.9	125
35	Sources of contractor's payment risks and cash flow problems in the New Zealand construction industry: project team's perceptions of the risks and mitigation measures. <i>Construction Management and Economics</i> , 2011, 29, 1027-1041.	3.0	32
36	Diagnosing the strategic health of an organization from SWOT analysis results: case study of the Australasian cost management profession. <i>Construction Management and Economics</i> , 2011, 29, 287-303.	3.0	9

#	ARTICLE	IF	CITATIONS
37	Conceptual framework for the assessment of subcontractors' eligibility and performance in the construction industry. Construction Management and Economics, 2008, 26, 471-484.	3.0	85
38	Factors constraining successful building project implementation in South Africa. Construction Management and Economics, 2007, 25, 39-54.	3.0	33
39	Conceptual framework for assessment of client needs and satisfaction in the building development process. Construction Management and Economics, 2006, 24, 31-44.	3.0	65
40	Use of Timber Prefab System for Ensuring Sustainable Residential Housing Supply in New Zealand. , 0, , .		0