

Jeffrey Boon Hui Yap

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

915
citations

471509

17
h-index

526287

27
g-index

61
all docs

61
docs citations

61
times ranked

480
citing authors

#	ARTICLE	IF	CITATIONS
1	Collaborative model: Managing design changes with reusable project experiences through project learning and effective communication. <i>International Journal of Project Management</i> , 2017, 35, 1253-1271.	5.6	73
2	Criticality of Construction Industry Problems in Developing Countries: Analyzing Malaysian Projects. <i>Journal of Management in Engineering - ASCE</i> , 2019, 35, .	4.8	64
3	Investigating design changes in Malaysian building projects. <i>Architectural Engineering and Design Management</i> , 2018, 14, 218-238.	1.7	59
4	Revisiting critical delay factors for construction: Analysing projects in Malaysia. <i>AEJ - Alexandria Engineering Journal</i> , 2021, 60, 1717-1729.	6.4	53
5	Rework in Malaysian building construction: impacts, causes and potential solutions. <i>Journal of Engineering, Design and Technology</i> , 2017, 15, 591-618.	1.7	46
6	Preventive Mitigation of Overruns with Project Communication Management and Continuous Learning: PLS-SEM Approach. <i>Journal of Construction Engineering and Management - ASCE</i> , 2018, 144, .	3.8	46
7	Housing affordability in Malaysia: perception, price range, influencing factors and policies. <i>International Journal of Housing Markets and Analysis</i> , 2018, 11, 476-497.	1.1	41
8	Exploring the underlying factors inducing design changes during building production. <i>Production Planning and Control</i> , 2018, 29, 586-601.	8.8	37
9	Analysing the benefits, techniques, tools and challenges of knowledge management practices in the Malaysian construction SMEs. <i>Journal of Engineering, Design and Technology</i> , 2017, 15, 803-825.	1.7	34
10	Rework Causation that Undermines Safety Performance during Production in Construction. <i>Journal of Construction Engineering and Management - ASCE</i> , 2020, 146, .	3.8	34
11	Systemic View to Understanding Design Change Causation and Exploitation of Communications and Knowledge. <i>Project Management Journal</i> , 2019, 50, 288-305.	4.3	29
12	Analysing the underlying factors affecting safety performance in building construction. <i>Production Planning and Control</i> , 2020, 31, 1061-1076.	8.8	28
13	Emergency evacuation simulation at starting connection of cross-sea bridge: Case study on Haicang Avenue Subway Station in Xiamen Rail Transit Line. <i>Journal of Building Engineering</i> , 2020, 29, 101163.	3.4	26
14	Ameliorating time and cost control with project learning and communication management. <i>International Journal of Managing Projects in Business</i> , 2020, 13, 767-792.	2.5	25
15	Cellular automaton model for social forces interaction in building evacuation for sustainable society. <i>Sustainable Cities and Society</i> , 2020, 53, 101913.	10.4	23
16	Capitalising teamwork for enhancing project delivery and management in construction: empirical study in Malaysia. <i>Engineering, Construction and Architectural Management</i> , 2020, 27, 1479-1503.	3.1	22
17	Novel Capability-Based Risk Assessment Calculator for Construction Contractors Venturing Overseas. <i>Journal of Construction Engineering and Management - ASCE</i> , 2019, 145, .	3.8	20
18	Knowledge modelling for contract disputes and change control. <i>Production Planning and Control</i> , 2019, 30, 650-664.	8.8	20

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19	Analysing the causes of corruption in the Malaysian construction industry. <i>Journal of Engineering, Design and Technology</i> , 2020, 18, 1823-1847.	1.7	18
20	BARRIERS TO THE ADOPTION OF NEW SAFETY TECHNOLOGIES IN CONSTRUCTION: A DEVELOPING COUNTRY CONTEXT. <i>Journal of Civil Engineering and Management</i> , 2022, 28, 120-133.	3.5	16
21	Corruption in the Malaysian construction industry: investigating effects, causes, and preventive measures. <i>International Journal of Construction Management</i> , 2022, 22, 1525-1536.	3.2	14
22	Safety enablers using emerging technologies in construction projects: empirical study in Malaysia. <i>Journal of Engineering, Design and Technology</i> , 2023, 21, 1414-1440.	1.7	13
23	Determining the potential and requirements of transit-oriented development (TOD). <i>Property Management</i> , 2017, 35, 394-413.	0.8	12
24	Capturing and reusing knowledge: analysing the what, how and why for construction planning and control. <i>Production Planning and Control</i> , 2021, 32, 875-888.	8.8	12
25	A Conceptual Framework for Managing Design Changes in Building Construction. <i>MATEC Web of Conferences</i> , 2016, 66, 00021.	0.2	10
26	Towards Sustainable Mobility with Transit-Oriented Development (TOD): Understanding Greater Kuala Lumpur. <i>Planning Practice and Research</i> , 2021, 36, 314-336.	1.7	9
27	CAPABILITIES-BASED FORECASTING MODEL FOR INNOVATION DEVELOPMENT IN SMALL-AND-MEDIUM CONSTRUCTION FIRMS (SMCFS). <i>Journal of Civil Engineering and Management</i> , 2018, 24, 167-182.	3.5	9
28	System Dynamics Outlook on BIM and LEAN Interaction in Construction Quantity Surveying. <i>Iranian Journal of Science and Technology - Transactions of Civil Engineering</i> , 2022, 46, 3947-3962.	1.9	9
29	Developing Internet Online Procurement Frameworks for Construction Firms. <i>Future Internet</i> , 2019, 11, 136.	3.8	8
30	Investigating the principal factors impacting knowledge management implementation in construction organisations. <i>Journal of Engineering, Design and Technology</i> , 2019, 18, 55-69.	1.7	8
31	Fire Evacuation Process Using Both Elevators and Staircases for Aging People: Simulation Case Study on Personnel Distribution in High-Rise Nursing Home. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-14.	0.9	8
32	Investigating the managerial "nuts and bolts" for the construction industry. <i>Built Environment Project and Asset Management</i> , 2020, 10, 331-348.	1.6	7
33	Systemic Approach for Constraint-Free Computer Maintenance Management System in Oil and Gas Engineering. <i>Journal of Management in Engineering - ASCE</i> , 2019, 35, .	4.8	6
34	Key challenges faced by Chinese contractors in Malaysian construction industry. <i>Journal of Engineering, Design and Technology</i> , 2019, 18, 705-726.	1.7	6
35	Application of e-booking system in enhancing Malaysian property developers' competitive advantage. <i>Property Management</i> , 2018, 36, 86-102.	0.8	5
36	Topographical survey engineering education retrofitted by computer-aided 3D printing. <i>Computer Applications in Engineering Education</i> , 2018, 26, 2116-2130.	3.4	5

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37	Enhancing project delivery performances in construction through experiential learning and personal constructs: competency development. <i>International Journal of Construction Management</i> , 2022, 22, 436-452.	3.2	5
38	Analysing the desired quality of housing in the Klang Valley region, Malaysia. <i>Pacific Rim Property Research Journal</i> , 2019, 25, 125-140.	0.4	5
39	Developing Shuffled Frog-Leaping Algorithm (SFLA) Method to Solve Power Load-Constrained TCRTO Problems in Civil Engineering. <i>Advances in Civil Engineering</i> , 2019, 2019, 1-16.	0.7	5
40	Green building performance assessment in China using a cloud model. <i>Environment, Development and Sustainability</i> , 2022, 24, 11626-11650.	5.0	5
41	Standard operational procedures (SOP) for effective fire safety evacuation visualization in college dormitory buildings. <i>Journal of Visualization</i> , 2021, 24, 1207-1235.	1.8	4
42	Assessing the expected current and future competencies of quantity surveyors in the Malaysian built environment. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 2415-2436.	3.1	4
43	Grid algorithm for large-scale topographic oblique photogrammetry precision enhancement in vegetation coverage areas. <i>Earth Science Informatics</i> , 2021, 14, 931-953.	3.2	3
44	Investigating Rework: Insights from the Malaysian Construction Industry. <i>ASM Science Journal</i> , 0, 14, 1-9.	0.1	3
45	Student Learning Experiences in Higher Education: Investigating a Quantity Surveying Programme in Malaysia. <i>Construction Economics and Building</i> , 2022, 22, .	0.9	3
46	System dynamics tool for entropy-based risk control on sleeve grouting in prefabricated buildings. <i>Engineering, Construction and Architectural Management</i> , 2023, 30, 538-567.	3.1	3
47	Building Information Modeling-Embedded Building Energy Efficiency Protocol for a Sustainable Built Environment and Society. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6051.	2.5	3
48	Feng Shui principles and the Malaysian housing market: what matters in property selection and pricing?. <i>Property Management</i> , 2020, 38, 643-664.	0.8	2
49	Developing Novel Monocular-Vision-Based Standard Operational Procedures for Nondestructive Inspection on Constructed Concrete Cracks. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, 04020012.	2.0	2
50	Criticality of project knowledge and experience in the delivery of construction projects. <i>Journal of Engineering, Design and Technology</i> , 2022, 20, 800-822.	1.7	2
51	EARNED VALUE ANALYSIS, IMPLEMENTATION BARRIERS, AND MATURITY LEVEL IN OIL & GAS PRODUCTION. <i>South African Journal of Industrial Engineering</i> , 2019, 30, .	0.2	2
52	Novel Quality-Embedded Earned Value Performance Analysis Tool for Sustainable Project Portfolio Production. <i>Sustainability</i> , 2022, 14, 8174.	3.2	2
53	Towards a "branded" property developer: key traits for Malaysian housing market. <i>International Journal of Housing Markets and Analysis</i> , 2019, 12, 626-643.	1.1	1
54	Project Management Body of Knowledge for motion picture production in a fast-developing economy. <i>South African Journal of Business Management</i> , 2020, 51, .	0.8	1

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55	Retrofitting ancient timber glulam mortise & tenon construction joints through computer-aided laser cutting. <i>Heliyon</i> , 2020, 6, e03671.	3.2	1
56	Energy Efficient Design Protocol for Sustainable Pitch Roof Modification from Flat Roof. <i>Proceedings of Institution of Civil Engineers: Energy</i> , 0, , 1-46.	0.6	1
57	Capitalising knowledge management (KM) for improving project delivery in construction. <i>Ain Shams Engineering Journal</i> , 2022, 13, 101790.	6.1	1
58	Geographic information system and system dynamics combination technique for municipal solid waste treatment station site selection. <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	2.7	1
59	Fabricated Components Hoisting Activity Recognition and Collision Analysis Based on Inertial Measurement Unit IMU. <i>Buildings</i> , 2022, 12, 923.	3.1	1
60	Non-technical innovation and entrepreneurship in project-based small service firms. <i>South African Journal of Economic and Management Sciences</i> , 2020, 23, .	0.9	0
61	DEVELOPING STANDARD WINDOW TO FLOOR RATIO (WFR) SYSTEM FOR GREEN RESIDENTIAL BUILDINGS IN SUBTROPICS. <i>Journal of Green Building</i> , 2021, 16, 109-134.	0.8	0