

# Kriengsak Panuwatwanich

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,869  
citations

304368

22  
h-index

264894

42  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1715  
citing authors

#	ARTICLE	IF	CITATIONS
1	Examining transition pathways to construction innovation in Russia: a system dynamics approach. <i>International Journal of Construction Management</i> , 2022, 22, 556-578.	2.2	6
2	Awareness of the prevention through design (PtD) concept among design engineers in the Philippines. <i>Engineering Management in Production and Services</i> , 2022, 14, 78-92.	0.5	2
3	Effects of a Brief Team Training Program on Surgical Teams' Nontechnical Skills: An Interrupted Time-Series Study. <i>Journal of Patient Safety</i> , 2021, 17, e448-e454.	0.7	10
4	IDENTIFICATION AND EVALUATION OF GREEN BUILDING ASSESSMENT INDICATORS FOR MYANMAR. <i>Journal of Green Building</i> , 2021, 16, 143-172.	0.4	9
5	Virtual reality application to aid civil engineering laboratory course: A multicriteria comparative study. <i>Computer Applications in Engineering Education</i> , 2021, 29, 1771-1792.	2.2	20
6	Construction Planning and Scheduling of a Renovation Project Using BIM-Based Multi-Objective Genetic Algorithm. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4716.	1.3	17
7	Application of Eye Tracking Technology in Aviation, Maritime, and Construction Industries: A Systematic Review. <i>Sensors</i> , 2021, 21, 4289.	2.1	33
8	Enhancing Innovativeness in the Construction Sector: A System Dynamics Analysis. <i>Advances in Science, Technology and Innovation</i> , 2021, , 41-46.	0.2	1
9	Achieving career satisfaction through fostering innovation: lessons from the engineering profession in the Australian public sector. <i>Engineering Management in Production and Services</i> , 2021, 13, 7-21.	0.5	2
10	Development of Augmented Reality Application for Onsite Inspection of Expressway Structures Using Microsoft HoloLens. <i>Journal of Construction in Developing Countries</i> , 2021, 26, 87-116.	0.3	3
11	Introducing an innovation promotion model for construction projects. <i>Engineering, Construction and Architectural Management</i> , 2020, 28, 728-746.	1.8	5
12	Ambient Intelligence to Improve Construction Site Safety: Case of High-Rise Building in Thailand. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 8124.	1.2	6
13	Bayesian network revealing pathways to workplace innovation and career satisfaction in the public service. <i>Journal of Management Analytics</i> , 2020, 7, 253-280.	1.6	19
14	Applying Mixed Methods Sequential Explanatory Design to Innovation Management. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 485-495.	0.3	5
15	Drivers and barriers to innovation in the Australian public service: A qualitative thematic analysis. <i>Engineering Management in Production and Services</i> , 2019, 11, 7-22.	0.5	22
16	Analyzing client-led innovation enablers in Australian construction projects. <i>International Journal of Managing Projects in Business</i> , 2019, 13, 388-408.	1.3	14
17	Perceived Impacts of Industry 4.0 on Manufacturing Industry and Its Workforce: Case of Germany. <i>Lecture Notes in Mechanical Engineering</i> , 2018, , 199-208.	0.3	8
18	Implementing e-tendering to improve the efficiency of public construction contract in Saudi Arabia. <i>International Journal of Procurement Management</i> , 2018, 11, 267.	0.1	7

#	ARTICLE	IF	CITATIONS
19	An Integrated Participatory Systems Modelling Approach: Application to Construction Innovation. Systems, 2018, 6, 33.	1.2	18
20	Pathways to workplace innovation and career satisfaction in the public service. International Journal of Organizational Analysis, 2018, 26, 890-914.	1.6	44
21	Implementing e-tendering to improve the efficiency of public construction contract in Saudi Arabia. International Journal of Procurement Management, 2018, 11, 267.	0.1	1
22	Influence of Total Quality Management on Performance of Vietnamese Construction Firms. Procedia Engineering, 2017, 182, 548-555.	1.2	34
23	Influence of Organisational Culture on Total Quality Management Implementation and Firm Performance: Evidence from the Vietnamese Construction Industry. Management and Production Engineering Review, 2017, 8, 5-15.	1.4	25
24	Exploring leadership styles for innovation: an exploratory factor analysis. Engineering Management in Production and Services, 2017, 9, 7-17.	0.5	25
25	Workplace Innovation: Exploratory and Confirmatory Factor Analysis for Construct Validation. Management and Production Engineering Review, 2017, 8, 57-68.	1.4	16
26	A framework of innovative learning for skill development in complex operational tasks. Automation in Construction, 2017, 83, 29-40.	4.8	55
27	Influence of safety motivation and climate on safety behaviour and outcomes: evidence from the Saudi Arabian construction industry. International Journal of Occupational Safety and Ergonomics, 2017, 23, 60-75.	1.1	65
28	Statistical Data Analysis of Culture for Innovation Using an Open Data Set from the Australian Public Service. Lecture Notes in Computer Science, 2017, , 78-89.	1.0	6
29	Model of the Russian Federation Construction Innovation System: An Integrated Participatory Systems Approach. Systems, 2016, 4, 29.	1.2	14
30	Concurrency in BIM-Based Project Implementation: An Exploratory Study of Chongqing Jiangbei International Airport's Terminal 3A. Lecture Notes in Computer Science, 2016, , 257-262.	1.0	0
31	Novel bottom-up urban water demand forecasting model: Revealing the determinants, drivers and predictors of residential indoor end-use consumption. Resources, Conservation and Recycling, 2015, 95, 15-37.	5.3	73
32	The contribution of structural design to green building rating systems: An industry perspective and comparison of life cycle energy considerations. Sustainable Cities and Society, 2015, 16, 39-48.	5.1	31
33	Using LOD in Structural Cost Estimation during Building Design Stage: Pilot Study. Procedia Engineering, 2014, 85, 543-552.	1.2	13
34	Developing a comprehensive safety performance evaluation framework for Saudi schools. International Journal of Productivity and Performance Management, 2014, 63, 446-476.	2.2	13
35	Determining the causal relationships among balanced scorecard perspectives on school safety performance: Case of Saudi Arabia. Accident Analysis and Prevention, 2014, 68, 57-74.	3.0	41
36	Variations in embodied energy and carbon emission intensities of construction materials. Environmental Impact Assessment Review, 2014, 49, 31-48.	4.4	70

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37	Assessment of the embodied carbon in precast concrete wall panels using a hybrid life cycle assessment approach in Malaysia. <i>Sustainable Cities and Society</i> , 2014, 10, 101-111.	5.1	96
38	Revealing the determinants of shower water end use consumption: enabling better targeted urban water conservation strategies. <i>Journal of Cleaner Production</i> , 2013, 60, 129-146.	4.6	90
39	Leveraging power of learning capability upon manufacturing operations. <i>International Journal of Production Economics</i> , 2013, 145, 233-252.	5.1	14
40	Showering behavioural response to alarming visual display monitors: longitudinal mixed method study. <i>Behaviour and Information Technology</i> , 2013, 32, 695-711.	2.5	57
41	Evaluating innovation diffusion readiness among architectural and engineering design firms: Empirical evidence from Australia. <i>Automation in Construction</i> , 2012, 27, 50-59.	4.8	35
42	Redesigning the ICU Nursing Discharge Process: A Quality Improvement Study. <i>Worldviews on Evidence-Based Nursing</i> , 2012, 9, 40-48.	1.2	26
43	Linking project health to project performance indicators: Multiple case studies of construction projects in Saudi Arabia. <i>International Journal of Project Management</i> , 2012, 30, 296-307.	2.7	60
44	Critical Success Factors for Safety Program Implementation among Construction Companies in Saudi Arabia. <i>Procedia Engineering</i> , 2011, 14, 148-155.	1.2	78
45	Quantifying the influence of environmental and water conservation attitudes on household end use water consumption. <i>Journal of Environmental Management</i> , 2011, 92, 1996-2009.	3.8	270
46	Alarming visual display monitors affecting shower end use water and energy conservation in Australian residential households. <i>Resources, Conservation and Recycling</i> , 2010, 54, 1117-1127.	5.3	136
47	Transforming care strategies and nursing sensitive patient outcomes. <i>Journal of Advanced Nursing</i> , 2010, 66, 1111-1119.	1.5	34
48	Web-based knowledge management system: linking smart metering to the future of urban water planning. <i>Australian Planner</i> , 2010, 47, 66-74.	0.6	115
49	Critical pathways to enhanced innovation diffusion and business performance in Australian design firms. <i>Automation in Construction</i> , 2009, 18, 790-797.	4.8	27
50	Validation of an empirical model for innovation diffusion in Australian design firms. <i>Construction Innovation</i> , 2009, 9, 449-467.	1.5	25
51	The role of climate for innovation in enhancing business performance. <i>Engineering, Construction and Architectural Management</i> , 2008, 15, 407-422.	1.8	69
52	A GIS Based Crash Assignment Model for Signalized T Intersections. <i>Applied Mechanics and Materials</i> , 0, 543-547, 4472-4475.	0.2	0
53	Variability in Embodied Energy and Carbon Intensities of Building Materials Using Hybrid LCA: Malaysian Experience. <i>Applied Mechanics and Materials</i> , 0, 699, 858-863.	0.2	0
54	Understanding Students' Use of Online Learning Tools through Online Learning Readiness Assessment. <i>Advances in Higher Education and Professional Development Book Series</i> , 0, , 227-240.	0.1	3