

# Kriengsak Panuwatwanich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5412667/publications.pdf>

Version: 2024-02-01

54  
papers

1,869  
citations

304743

22  
h-index

265206

42  
g-index

55  
all docs

55  
docs citations

55  
times ranked

1715  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.8	270
2	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.	10.8	136
3	Web-based knowledge management system: linking smart metering to the future of urban water planning. <i>Australian Planner</i> , 2010, 47, 66-74.	1.1	115
4	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.	10.4	96
5	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.	9.3	90
6	Critical Success Factors for Safety Program Implementation among Construction Companies in Saudi Arabia. <i>Procedia Engineering</i> , 2011, 14, 148-155.	1.2	78
7	Novel bottom-up urban water demand forecasting model: Revealing the determinants, drivers and predictors of residential indoor end-use consumption. <i>Resources, Conservation and Recycling</i> , 2015, 95, 15-37.	10.8	73
8	Variations in embodied energy and carbon emission intensities of construction materials. <i>Environmental Impact Assessment Review</i> , 2014, 49, 31-48.	9.2	70
9	The role of climate for innovation in enhancing business performance. <i>Engineering, Construction and Architectural Management</i> , 2008, 15, 407-422.	3.1	69
10	Influence of safety motivation and climate on safety behaviour and outcomes: evidence from the Saudi Arabian construction industry. <i>International Journal of Occupational Safety and Ergonomics</i> , 2017, 23, 60-75.	1.9	65
11	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.	5.6	60
12	Showering behavioural response to alarming visual display monitors: longitudinal mixed method study. <i>Behaviour and Information Technology</i> , 2013, 32, 695-711.	4.0	57
13	A framework of innovative learning for skill development in complex operational tasks. <i>Automation in Construction</i> , 2017, 83, 29-40.	9.8	55
14	Pathways to workplace innovation and career satisfaction in the public service. <i>International Journal of Organizational Analysis</i> , 2018, 26, 890-914.	2.9	44
15	Determining the causal relationships among balanced scorecard perspectives on school safety performance: Case of Saudi Arabia. <i>Accident Analysis and Prevention</i> , 2014, 68, 57-74.	5.7	41
16	Evaluating innovation diffusion readiness among architectural and engineering design firms: Empirical evidence from Australia. <i>Automation in Construction</i> , 2012, 27, 50-59.	9.8	35
17	Transforming care strategies and nursing sensitive patient outcomes. <i>Journal of Advanced Nursing</i> , 2010, 66, 1111-1119.	3.3	34
18	Influence of Total Quality Management on Performance of Vietnamese Construction Firms. <i>Procedia Engineering</i> , 2017, 182, 548-555.	1.2	34

#	ARTICLE	IF	CITATIONS
19	Application of Eye Tracking Technology in Aviation, Maritime, and Construction Industries: A Systematic Review. <i>Sensors</i> , 2021, 21, 4289.	3.8	33
20	The contribution of structural design to green building rating systems: An industry perspective and comparison of life cycle energy considerations. <i>Sustainable Cities and Society</i> , 2015, 16, 39-48.	10.4	31
21	Critical pathways to enhanced innovation diffusion and business performance in Australian design firms. <i>Automation in Construction</i> , 2009, 18, 790-797.	9.8	27
22	Redesigning the ICU Nursing Discharge Process: A Quality Improvement Study. <i>Worldviews on Evidence-Based Nursing</i> , 2012, 9, 40-48.	2.9	26
23	Validation of an empirical model for innovation diffusion in Australian design firms. <i>Construction Innovation</i> , 2009, 9, 449-467.	2.7	25
24	Influence of Organisational Culture on Total Quality Management Implementation and Firm Performance: Evidence from the Vietnamese Construction Industry. <i>Management and Production Engineering Review</i> , 2017, 8, 5-15.	1.4	25
25	Exploring leadership styles for innovation: an exploratory factor analysis. <i>Engineering Management in Production and Services</i> , 2017, 9, 7-17.	0.9	25
26	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.	0.9	22
27	Virtual reality application to aid civil engineering laboratory course: A multicriteria comparative study. <i>Computer Applications in Engineering Education</i> , 2021, 29, 1771-1792.	3.4	20
28	Bayesian network revealing pathways to workplace innovation and career satisfaction in the public service. <i>Journal of Management Analytics</i> , 2020, 7, 253-280.	2.5	19
29	An Integrated Participatory Systems Modelling Approach: Application to Construction Innovation. <i>Systems</i> , 2018, 6, 33.	2.3	18
30	Construction Planning and Scheduling of a Renovation Project Using BIM-Based Multi-Objective Genetic Algorithm. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4716.	2.5	17
31	Workplace Innovation: Exploratory and Confirmatory Factor Analysis for Construct Validation. <i>Management and Production Engineering Review</i> , 2017, 8, 57-68.	1.4	16
32	Leveraging power of learning capability upon manufacturing operations. <i>International Journal of Production Economics</i> , 2013, 145, 233-252.	8.9	14
33	Model of the Russian Federation Construction Innovation System: An Integrated Participatory Systems Approach. <i>Systems</i> , 2016, 4, 29.	2.3	14
34	Analyzing client-led innovation enablers in Australian construction projects. <i>International Journal of Managing Projects in Business</i> , 2019, 13, 388-408.	2.5	14
35	Using LOD in Structural Cost Estimation during Building Design Stage: Pilot Study. <i>Procedia Engineering</i> , 2014, 85, 543-552.	1.2	13
36	Developing a comprehensive safety performance evaluation framework for Saudi schools. <i>International Journal of Productivity and Performance Management</i> , 2014, 63, 446-476.	3.7	13

#	ARTICLE	IF	CITATIONS
37	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.	1.7	10
38	IDENTIFICATION AND EVALUATION OF GREEN BUILDING ASSESSMENT INDICATORS FOR MYANMAR. <i>Journal of Green Building</i> , 2021, 16, 143-172.	0.8	9
39	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.	0.4	8
40	Implementing e-tendering to improve the efficiency of public construction contract in Saudi Arabia. <i>International Journal of Procurement Management</i> , 2018, 11, 267.	0.2	7
41	Examining transition pathways to construction innovation in Russia: a system dynamics approach. <i>International Journal of Construction Management</i> , 2022, 22, 556-578.	3.2	6
42	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.	2.6	6
43	Statistical Data Analysis of Culture for Innovation Using an Open Data Set from the Australian Public Service. <i>Lecture Notes in Computer Science</i> , 2017, , 78-89.	1.3	6
44	Introducing an innovation promotion model for construction projects. <i>Engineering, Construction and Architectural Management</i> , 2020, 28, 728-746.	3.1	5
45	Applying Mixed Methods Sequential Explanatory Design to Innovation Management. <i>Lecture Notes in Mechanical Engineering</i> , 2020, , 485-495.	0.4	5
46	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.	0.2	3
47	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.	0.6	3
48	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.	0.9	2
49	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.	0.9	2
50	Implementing e-tendering to improve the efficiency of public construction contract in Saudi Arabia. <i>International Journal of Procurement Management</i> , 2018, 11, 267.	0.2	1
51	Enhancing Innovativeness in the Construction Sector: A System Dynamics Analysis. <i>Advances in Science, Technology and Innovation</i> , 2021, , 41-46.	0.4	1
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	Concurrency in BIM-Based Project Implementation: An Exploratory Study of Chongqing Jiangbei International Airport'™s Terminal 3A. <i>Lecture Notes in Computer Science</i> , 2016, , 257-262.	1.3	0