

Llewellyn Tang

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43 papers	744 citations	15 h-index	26 g-index
45 ext. papers	953 ext. citations	5.3 avg, IF	4.32 L-index

#	Paper	IF	Citations
43	A review of air filtration technologies for sustainable and healthy building ventilation. <i>Sustainable Cities and Society</i> , 2017 , 32, 375-396	10.1	150
42	A review of thermal absorbers and their integration methods for the combined solar photovoltaic/thermal (PV/T) modules. <i>Renewable and Sustainable Energy Reviews</i> , 2017 , 75, 839-854	16.2	69
41	Empirical Study of BIM ImplementationBased Perceptions among Chinese Practitioners. <i>Journal of Management in Engineering - ASCE</i> , 2017 , 33, 04017025	5.3	55
40	BIM Investment, Returns, and Risks in China's AEC Industries. <i>Journal of Construction Engineering and Management - ASCE</i> , 2017 , 143, 04017089	4.2	55
39	Project-based pedagogy in interdisciplinary building design adopting BIM. <i>Engineering, Construction and Architectural Management</i> , 2018 , 25, 1376-1397	3.1	35
38	BIM-based integrated management workflow design for schedule and cost planning of building fabric maintenance. <i>Automation in Construction</i> , 2019 , 107, 102944	9.6	32
37	High value information in engineering organisations. <i>International Journal of Information Management</i> , 2008 , 28, 246-258	16.4	24
36	Barriers and policy recommendations for developing green buildings from local government perspective: a case study of Ningbo China. <i>Intelligent Buildings International</i> , 2018 , 10, 61-77	1.7	23
35	Identifying design development factors in Australian PPP projects using an AHP framework. <i>Construction Management and Economics</i> , 2013 , 31, 20-39	3	22
34	A Review on Recent Development of Cooling Technologies for Concentrated Photovoltaics (CPV) Systems. <i>Energies</i> , 2018 , 11, 3416	3.1	22
33	Simulating Construction Duration for Multistory Buildings with Controlling Activities. <i>Journal of Construction Engineering and Management - ASCE</i> , 2013 , 139, 951-959	4.2	21
32	An entropy-based SWOT evaluation process of critical success factors for international market entry: a case study of a medium-sized consulting company. <i>Construction Management and Economics</i> , 2012 , 30, 821-834	3	21
31	The early design stage for building renovation with a novel loop-heat-pipe based solar thermal facade (LHP-STF) heat pump water heating system: Techno-economic analysis in three European climates. <i>Energy Conversion and Management</i> , 2015 , 106, 964-986	10.6	20
30	Characteristic study of a novel compact Solar Thermal Facade (STF) with internally extruded pin-fin flow channel for building integration. <i>Applied Energy</i> , 2016 , 168, 48-64	10.7	19
29	Cup-of-Water Theory: A Review on the Interaction of BIM, IoT and Blockchain During the Whole Building Lifecycle 2018 ,		18
28	Entropy Application to Improve Construction Finance Decisions. <i>Journal of Construction Engineering and Management - ASCE</i> , 2006 , 132, 1099-1113	4.2	13
27	Smart meter and in-home display for energy savings in residential buildings: a pilot investigation in Shanghai, China. <i>Intelligent Buildings International</i> , 2019 , 11, 4-26	1.7	13

26	A review of factors affecting the efficiency of clean-in-place procedures in closed processing systems. <i>Energy</i> , 2019 , 178, 57-71	7.9	11
25	A framework for integrating syntax, semantics and pragmatics for computer-aided professional practice: With application of costing in construction industry. <i>Computers in Industry</i> , 2016 , 83, 28-45	11.6	11
24	An indoor environment monitoring system using low-cost sensor network. <i>Energy Procedia</i> , 2017 , 141, 660-666	2.3	10
23	Development of low-cost mobile laser scanning for 3D construction indoor mapping by using inertial measurement unit, ultra-wide band and 2D laser scanner. <i>Engineering, Construction and Architectural Management</i> , 2019 , 26, 1367-1386	3.1	9
22	Entropic Risk Analysis by a High Level Decision Support System for Construction SMEs. <i>Journal of Computing in Civil Engineering</i> , 2010 , 24, 81-94	5	9
21	A Numerical Simulation of Air Distribution in an Office Room Ventilated by 4-Way Cassette Air-conditioner. <i>Energy Procedia</i> , 2017 , 105, 2506-2511	2.3	8
20	Codification vs personalisation: A study of the information evaluation practice between aerospace and construction industries. <i>International Journal of Information Management</i> , 2010 , 30, 315-325	16.4	8
19	Indoor environment monitoring based on humidity conditions using a low-cost sensor network. <i>Energy Procedia</i> , 2018 , 145, 464-471	2.3	8
18	Factors affecting greenhouse microclimate and its regulating techniques: A review. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 167, 012019	0.3	8
17	An entropy-based financial decision support system (e-FDSS) for project analysis in construction SMEs. <i>Construction Management and Economics</i> , 2009 , 27, 499-513	3	6
16	Design Strategy of a Compact Unglazed Solar Thermal Facade (STF) for Building Integration Based on BIM Concept. <i>Energy Procedia</i> , 2017 , 105, 1-6	2.3	5
15	Cost Estimation in Building Information Models 2013 ,		5
14	Case Study on the Determination of Building Materials Using a Support Vector Machine. <i>Journal of Computing in Civil Engineering</i> , 2014 , 28, 315-326	5	4
13	BIM-BASED DESIGN COORDINATION FOR CHINA'S ARCHITECTURE, ENGINEERING AND CONSTRUCTION INDUSTRY 2017 ,		4
12	Building Information Modeling and Building Performance Optimization 2017 , 311-320		3
11	Defining a framework for the evaluation of information. <i>International Journal of Information Quality</i> , 2008 , 2, 115	0	3
10	Efficient Management of Construction Process Using RFID+PMIS System: A Case Study. <i>Applied Mathematics and Information Sciences</i> , 2013 , 7, 19-26	2.4	3
9	The Early Design Stage of a Novel Solar Thermal Façade (STF) for Building Integration: Energy Performance Simulation and Socio-Economic Analysis. <i>Energy Procedia</i> , 2016 , 96, 55-66	2.3	3

8	Intelligent BVAC information capturing system for smart building information modelling 2013 ,		2
7	Conceptual Development of a Compact Unglazed Solar Thermal Facade (STF) for Building Integration. <i>Energy Procedia</i> , 2016 , 96, 42-54	2.3	2
6	Optimizing the Configuration of a Compact Thermal Facade Module for Solar Renovation Concept in Buildings. <i>Energy Procedia</i> , 2016 , 104, 9-14	2.3	2
5	Automatic layer classification method-based elevation recognition in architectural drawings for reconstruction of 3D BIM models. <i>Automation in Construction</i> , 2020 , 113, 103082	9.6	2
4	Assessment of the Effectiveness of Investment Strategy in Solar Photovoltaic (PV) Energy Sector: A Case Study. <i>Energy Procedia</i> , 2017 , 105, 2977-2982	2.3	1
3	A characteristic based information evaluation model 2008 ,		1
2	Experimental Study of a Compact Unglazed Solar Thermal Facade (STF) for Energy-efficient Buildings. <i>Energy Procedia</i> , 2016 , 104, 3-8	2.3	1
1	Analysis of Improvement of BIM-Based Digitalization in Engineering, Procurement, and Construction (EPC) Projects in China. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11895	2.6	1