

# Jack Goulding

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6721240/publications.pdf>

Version: 2024-02-01

56  
papers

1,258  
citations

430442

18  
h-index

414034

32  
g-index

81  
all docs

81  
docs citations

81  
times ranked

920  
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction industry offsite production: A virtual reality interactive training environment prototype. <i>Advanced Engineering Informatics</i> , 2012, 26, 103-116.	4.0	145
2	An empirical study of the impact of lean construction techniques on sustainable construction in the UK. <i>Construction Innovation</i> , 2014, 14, 88-107.	1.5	122
3	Offsite production: a model for building <i>down</i> barriers. <i>Engineering, Construction and Architectural Management</i> , 2011, 18, 82-101.	1.8	112
4	Offsite production in the UK: the way forward? A UK construction industry perspective. <i>Construction Innovation</i> , 2010, 10, 181-202.	1.5	111
5	Managing information flow and design processes to reduce design risks in offsite construction projects. <i>Engineering, Construction and Architectural Management</i> , 2019, 26, 267-284.	1.8	53
6	Conceptualisation of ambiguous-mixed-methods within building and construction research. <i>Journal of Engineering, Design and Technology</i> , 2014, 12, 244-262.	1.1	41
7	Promoting Off-Site Construction: Future Challenges and Opportunities. <i>Journal of Architectural Engineering</i> , 2012, 18, 75-78.	0.8	40
8	Carbon emission reduction strategies in the UK industrial sectors: an empirical study. <i>International Journal of Climate Change Strategies and Management</i> , 2013, 5, 304-323.	1.5	36
9	Offsite Manufacturing Construction: A Big Opportunity for Housing Delivery in Nigeria. <i>Procedia Engineering</i> , 2014, 85, 319-327.	1.2	34
10	Successful education for AEC professionals: case study of applying immersive game-like virtual reality interfaces. <i>Visualization in Engineering</i> , 2014, 2, .	8.8	30
11	Virtual generative BIM workspace for maximising AEC conceptual design innovation. <i>Construction Innovation</i> , 2015, 15, 24-41.	1.5	30
12	A case study on knowledge management implementation in the banking sector. <i>VINE: the Journal of Information and Knowledge Management Systems</i> , 2006, 36, 211-222.	1.0	29
13	Review of Motivations, Success Factors, and Barriers to the Adoption of Offsite Manufacturing in Nigeria. <i>Procedia Engineering</i> , 2017, 196, 512-519.	1.2	29
14	Offsite Production in the UK: The Construction Industry and Academia. <i>Architectural Engineering and Design Management</i> , 2009, 5, 136-152.	1.2	26
15	E-readiness in construction: an incongruous paradigm of variables. <i>Architectural Engineering and Design Management</i> , 2013, 9, 265-280.	1.2	26
16	Generative BIM workspace for AEC conceptual design automation: prototype development. <i>Engineering, Construction and Architectural Management</i> , 2020, 28, 482-509.	1.8	26
17	Technology adoption: breaking down barriers using a virtual reality design support tool for hybrid concrete. <i>Construction Management and Economics</i> , 2007, 25, 1239-1250.	1.8	25
18	A critical reflection on sustainability within the UK industrial sectors. <i>Construction Innovation</i> , 2012, 12, 317-334.	1.5	24

#	ARTICLE	IF	CITATIONS
19	Understanding the gap between green building practice and legislation requirements in South Africa. Smart and Sustainable Built Environment, 2015, 4, 67-96.	2.2	24
20	Collaborative engagement approaches for delivering sustainable infrastructure projects in the AEC sector: A review. International Journal of Construction Supply Chain Management, 2011, 1, 1-24.	0.3	21
21	Building and Construction Classification Systems. Architectural Engineering and Design Management, 2008, 4, 206-220.	1.2	16
22	Developing work breakdown structure matrix for managing offsite construction projects. Architectural Engineering and Design Management, 2018, 14, 381-397.	1.2	16
23	Investigating the cost of offsite construction housing in Western Australia. International Journal of Housing Markets and Analysis, 2019, 12, 5-24.	0.7	16
24	Positioning construction businesses on an 'evolution'innovation' continuum: conceptualization of the 'equivocal zone'. International Journal of Construction Management, 2016, 16, 220-233.	2.2	13
25	Knowledge-Based Learning Environments for Construction. The Journal for Education in the Built Environment, 2006, 1, 51-72.	0.4	12
26	G-BIM Framework and Development Process for Integrated AEC Design Automation. Procedia Engineering, 2014, 85, 10-17.	1.2	11
27	Redefining ICT embeddedness in the construction industry: maximizing technology diffusion capabilities to support agility. Building Research and Information, 2020, 48, 922-944.	2.0	11
28	Understanding off-site readiness in Indian construction organisations. Construction Innovation, 2021, 21, 105-122.	1.5	10
29	Supply chain transactional barriers to design cost management. Construction Innovation, 2007, 7, 274-287.	1.5	9
30	The 'ecological-triad' considerations for construction management research. Journal of Engineering, Design and Technology, 2017, 15, 286-304.	1.1	9
31	E-readiness in construction (ERiC): self-assessment framework for UK small and medium enterprise building services providers. Architectural Engineering and Design Management, 2020, 16, 3-22.	1.2	9
32	Value-based perspectives of stakeholders' building requirements in low cost and government subsidised housing projects in South Africa. Construction Innovation, 2013, 13, 424-444.	1.5	8
33	Perceptions and Reality: Revealing the BIM Gap Between the UK and Turkey. International Journal of 3-D Information Modeling, 2013, 2, 1-15.	0.2	7
34	Collaborative framework for road infrastructure management. Infrastructure Asset Management, 2016, 3, 71-80.	1.2	7
35	Enterprise-wide information system for construction: A document based approach. KSCE Journal of Civil Engineering, 2011, 15, 271-280.	0.9	6
36	Public-private perception of collaborative infrastructure projects in Nigeria. International Journal of Procurement Management, 2013, 6, 235.	0.1	6

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37	A study on the validity of a four-variant diagnostic learning styles questionnaire. Education and Training, 2014, 56, 141-164.	1.7	6
38	An off-site construction readiness maturity model for the Indian construction sector. Construction Innovation, 2021, 21, 123-142.	1.5	6
39	Interrelationships between theory and research impact. Engineering, Construction and Architectural Management, 2014, 21, 674-696.	1.8	5
40	Enablers, challenges and relationships between research impact and theory generation. Engineering, Construction and Architectural Management, 2016, 23, 20-39.	1.8	4
41	Securing the embeddedness of psychosocial diffusion indicators into the Turkish construction industry. Journal of Financial Management of Property and Construction, 2018, 23, 90-111.	0.9	4
42	Organisational e-readiness: Embracing IT for sustainable competitive advantage. Construction Innovation, 2008, 8, .	1.5	4
43	Performance Modelling for the Design of a Hybrid Concrete Structural Frame. Architectural Engineering and Design Management, 2005, 1, 83-91.	1.2	3
44	The <i>n</i>-D-based Computer Game: Engaging School Children in the Construction Design Process. Architectural Engineering and Design Management, 2007, 3, 222-237.	1.2	3
45	Learning Styles Inventory: A Diagnostic Questionnaire for Construction. , 2009, , .		3
46	Artificial neural network analysis of teachersâ€™ performance against thermal comfort. International Journal of Building Pathology and Adaptation, 2018, 39, 20-32.	0.7	3
47	Identification and analysis of UK and US BIM standards to aid collaboration. WIT Transactions on the Built Environment, 2015, , .	0.0	3
48	The role of the HyCon designâ€™support tool in elevating hybrid concrete as a design option for structural frames. Engineering, Construction and Architectural Management, 2005, 12, 568-586.	1.8	2
49	Manubuild Construction Site Training Simulator for Offsite Manufacturing. , 2009, , .		2
50	Building Information Modelling. , 2012, , 385-407.		2
51	Low-cost housing: a cost management model for process integration and evaluation. Architectural Engineering and Design Management, 2020, 16, 411-425.	1.2	2
52	Housing and Society: Need for Progressive Sustainability Indicators for Societal Sustainability. , 2013, , .		1
53	Sustainable human capacity development in the African built environment. Smart and Sustainable Built Environment, 2016, 5, 212-231.	2.2	1
54	The social life of the novel idea: what did social psychologists ever do for us?. Engineering, Construction and Architectural Management, 2013, 20, 250-266.	1.8	0

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55	Scenario Thinking Approach for Leveraging ICT to Support SMEs in the Indian Construction Industry. <i>Procedia Engineering</i> , 2014, 85, 446-453.	1.2	0
56	PRODUCTION: an outcome-oriented dissertation study model for construction engineering students. <i>Journal of Engineering, Design and Technology</i> , 2017, 15, 104-117.	1.1	0