

Chris I Goodier

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/700574/publications.pdf>

Version: 2024-02-01

82
papers

2,219
citations

304602

22
h-index

254106

43
g-index

92
all docs

92
docs citations

92
times ranked

2061
citing authors

#	ARTICLE	IF	CITATIONS
1	Key drivers for green building project financing in Ghana. <i>Engineering, Construction and Architectural Management</i> , 2022, 29, 3023-3050.	1.8	19
2	The office of the future: Operational energy consumption in the post-pandemic era. <i>Energy Research and Social Science</i> , 2022, 87, 102472.	3.0	19
3	Interface management of offsite bathroom construction: a conceptual model. <i>Construction Innovation</i> , 2022, ahead-of-print, .	1.5	2
4	Corrosion risk assessment of structural concrete with coarse crushed concrete aggregate. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2020, 173, 57-69.	0.7	5
5	Long-term hybrid galvanic corrosion protection of reinforced-concrete structures. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2020, , 1-14.	0.7	1
6	The impact of accurately modelling corridor thermodynamics in the overheating risk assessment of multi-residential dwellings. <i>Energy and Buildings</i> , 2020, 224, 110302.	3.1	10
7	Assessing the application and limitations of a standardised overheating risk-assessment methodology in a real-world context. <i>Building and Environment</i> , 2020, 181, 107070.	3.0	18
8	The importance of infiltration pathways in assessing and modelling overheating risks in multi-residential buildings. <i>Building Services Engineering Research and Technology</i> , 2020, 41, 261-279.	0.9	8
9	Factors affecting the slump and strength development of geopolymers concrete. <i>Construction and Building Materials</i> , 2020, 261, 119945.	3.2	41
10	Modularisation and offsite in engineering construction: an early decision-support tool. <i>Proceedings of the Institution of Civil Engineers: Civil Engineering</i> , 2019, 172, 3-14.	0.3	9
11	Alternative quality control of steel fibre reinforced sprayed concrete (SFRSC). <i>Construction and Building Materials</i> , 2019, 223, 1008-1015.	3.2	12
12	Lean approach in precast concrete component production. <i>Built Environment Project and Asset Management</i> , 2019, 9, 457-470.	0.9	21
13	Nanomaterials in construction – what is being used, and where?. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2019, 172, 49-62.	0.7	31
14	Fibre distribution and tensile response anisotropy in sprayed fibre reinforced concrete. <i>Materials and Structures/Materiaux Et Constructions</i> , 2018, 51, 1.	1.3	12
15	Hybrid anode concrete corrosion protection – independent study. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2018, 171, 149-160.	0.7	10
16	Long-Term Performance of Hybrid Anodes for Cathodic Protection of Reinforced Concrete. <i>MATEC Web of Conferences</i> , 2018, 199, 05003.	0.1	0
17	Towards arresting reinforced concrete corrosion – a review. <i>MATEC Web of Conferences</i> , 2018, 199, 05001.	0.1	1
18	Nanotechnology in construction and demolition: What we know, what we don't. <i>Construction Research and Innovation</i> , 2018, 9, 55-58.	0.2	13

#	ARTICLE	IF	CITATIONS
19	Size Effect on Post-cracking Strength of High Performance Fibre-Reinforced Concrete. , 2018, , 182-190.		0
20	Lateral Stability of Prestressed Precast Concrete Girders During Lifting: Study Case. , 2018, , 1530-1537.		0
21	Simplified Analytical Assessment of Damaged Induced by the External Sulphate Attack in Concrete Piles. , 2018, , 2282-2289.		1
22	Durability performance of sustainable structural concrete: Effect of coarse crushed concrete aggregate on microstructure and water ingress. Construction and Building Materials, 2017, 145, 183-195.	3.2	35
23	Managing the unknown â€œ Addressing the potential health risks of nanomaterials in the built environment. Construction Management and Economics, 2017, 35, 122-136.	1.8	13
24	Durability performance of sustainable structural concrete: Effect of coarse crushed concrete aggregate on rapid chloride migration and accelerated corrosion. Construction and Building Materials, 2017, 155, 511-521.	3.2	35
25	Discussion: Hybrid anode concrete corrosion protection â€œ independent study. Proceedings of Institution of Civil Engineers: Construction Materials, 2017, 170, 265-270.	0.7	3
26	Optimising construction with self-compacting concrete. Proceedings of Institution of Civil Engineers: Construction Materials, 2017, 170, 104-114.	0.7	8
27	Briefing: Concrete â€œ innovations and practical applications. Proceedings of Institution of Civil Engineers: Construction Materials, 2016, 169, 282-284.	0.7	1
28	Adaptation of the standard EN 196-1 for mortar with accelerator. Construction and Building Materials, 2016, 127, 125-136.	3.2	18
29	Probabilistic analysis of solar photovoltaic selfâ€œconsumption using Bayesian network models. IET Renewable Power Generation, 2016, 10, 448-455.	1.7	14
30	Probabilistic evaluation of solar photovoltaic systems using Bayesian networks: a discounted cash flow assessment. Progress in Photovoltaics: Research and Applications, 2016, 24, 1592-1605.	4.4	3
31	The financial entanglements of local energy projects. Geoforum, 2015, 59, 1-11.	1.4	14
32	Nanomaterials in construction and demolition - how can we assess the risk if we don't know where they are?. Journal of Physics: Conference Series, 2015, 617, 012031.	0.3	7
33	Maturity method to predict the evolution of the properties of sprayed concrete. Construction and Building Materials, 2015, 79, 357-369.	3.2	40
34	Understanding and enhancing future infrastructure resiliency: a socioâ€œecological approach. Disasters, 2015, 39, 407-426.	1.1	16
35	Resistivity and water absorption of concrete. , 2015, , 227-233.		1
36	Variations of humidity within a relatively large ASR-affected concrete cylinder exposed to a natural environment. , 2015, , 30-30.		0

#	ARTICLE	IF	CITATIONS
37	Investigations into the cause and consequence of incipient anodes in repaired reinforced concrete structures. , 2015, , 841-848.		0
38	Cathodic protection on the UK's Midland Links motorway viaducts. Proceedings of the Institution of Civil Engineers: Bridge Engineering, 2014, 167, 43-53.	0.3	7
39	Success in international decentralised urban energy initiatives: a matter of understanding?. Local Environment, 2014, 19, 479-496.	1.1	9
40	Alternative future energy pathways: Assessment of the potential of innovative decentralised energy systems in the UK. Energy Policy, 2014, 66, 62-72.	4.2	41
41	Building information modelling and its effect on off-site construction in UK civil engineering. Proceedings of Institution of Civil Engineers: Management, Procurement and Law, 2014, 167, 152-159.	0.4	13
42	A new arrangement of galvanic anodes for the repair of reinforced concrete structures. Construction and Building Materials, 2014, 50, 300-307.	3.2	11
43	Concern or compliance? Drivers of urban decentralised energy initiatives. Sustainable Cities and Society, 2014, 10, 122-129.	5.1	42
44	Briefing: The future of construction materials research. Proceedings of Institution of Civil Engineers: Construction Materials, 2014, 167, 281-282.	0.7	2
45	Non-technical barriers for decentralised energy and energy efficient buildings. International Journal of Energy Sector Management, 2014, 8, 544-561.	1.2	9
46	Long-term performance of surface impregnation of reinforced concrete structures with silane. Construction and Building Materials, 2013, 48, 708-716.	3.2	96
47	Diagnosing the cause of incipient anodes in repaired reinforced concrete structures. Corrosion Science, 2013, 69, 123-129.	3.0	26
48	Energyscapes: Linking the energy system and ecosystem services in real landscapes. Biomass and Bioenergy, 2013, 55, 17-26.	2.9	51
49	Constructing Resilient Futures: Integrating UK multi-stakeholder transport and energy resilience for 2050. Futures, 2013, 49, 49-63.	1.4	27
50	Briefing: Potential of energy saving partnerships in the UK: an example of Berlin. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2013, 166, 315-319.	0.4	7
51	Building future scenarios using cognitive mapping. Journal of Maps, 2013, 9, 203-217.	1.0	10
52	Future use of life-cycle assessment in civil engineering. Proceedings of Institution of Civil Engineers: Construction Materials, 2013, 166, 204-212.	0.7	23
53	Heat wave adaptations for UK dwellings and development of a retrofit toolkit. International Journal of Disaster Resilience in the Built Environment, 2013, 4, 269-286.	0.7	33
54	Briefing: Potential for seawater district heating and cooling in the UK. Proceedings of Institution of Civil Engineers: Energy, 2013, 166, 102-106.	0.5	1

#	ARTICLE	IF	CITATIONS
55	Case Study Analysis of Urban Decentralised Energy Systems. <i>Climate Change Management</i> , 2013, , 307-323.	0.6	1
56	Environmental Impact Assessment, ecosystems services and the case of energy crops in England. <i>Journal of Environmental Planning and Management</i> , 2012, 55, 369-385.	2.4	24
57	House-Building Business Models and Off-Site Construction Take-Up. <i>Journal of Architectural Engineering</i> , 2012, 18, 84-93.	0.8	92
58	UK contractorsâ€™ views on self-compacting concrete in construction. <i>Proceedings of Institution of Civil Engineers: Construction Materials</i> , 2012, 165, 201-210.	0.7	3
59	Briefing: Future trends in UK housebuilding. <i>Proceedings of the Institution of Civil Engineers: Municipal Engineer</i> , 2012, 165, 65-67.	0.4	6
60	Ranking of interventions to reduce dwelling overheating during heat waves. <i>Energy and Buildings</i> , 2012, 55, 16-27.	3.1	221
61	On-site transient analysis for the corrosion assessment of reinforced concrete. <i>Corrosion Science</i> , 2012, 62, 176-183.	3.0	29
62	Unravelling the complexity of collective mental models: A method for developing and analysing scenarios in multi-organisational contexts. <i>Futures</i> , 2011, 43, 890-907.	1.4	22
63	Adapting dwellings for heat waves. <i>Sustainable Cities and Society</i> , 2011, 1, 81-90.	5.1	73
64	Evaluating The Impacts Of Community Renewable Energy Initiatives. , 2011, , .		1
65	Assessment of interventions to reduce dwelling overheating during heat waves considering annual energy use and cost. , 2011, , .		0
66	Briefing: Challenging lock-in through urban energy systems. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2010, 163, 149-151.	0.6	4
67	Planning for peak oil: learning from Cuba's â€œspecial periodâ€™. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2010, 163, 169-176.	0.6	12
68	Editorial: Sustainable energy and sustainable cities. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2010, 163, 147-148.	0.6	4
69	Causal mapping and scenario building with multiple organisations. <i>Futures</i> , 2010, 42, 219-229.	1.4	56
70	Assessing the long term benefits of Impressed Current Cathodic Protection. <i>Corrosion Science</i> , 2010, 52, 2671-2679.	3.0	154
71	Briefing: Heat-wave-coping measures for housing. <i>Proceedings of Institution of Civil Engineers: Energy</i> , 2009, 162, 101-103.	0.5	2
72	Briefing: Community resilience to extreme weather. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2008, 161, 97-99.	0.6	4

#	ARTICLE	IF	CITATIONS
73	Future opportunities for offsite in the UK. Construction Management and Economics, 2007, 25, 585-595.	1.8	250
74	The futures of construction: a critical review of construction future studies. Construction Management and Economics, 2007, 25, 477-493.	1.8	54
75	Low-volume wet-process sprayed concrete: hardened properties. Materials and Structures/Materiaux Et Constructions, 2007, 41, 99-111.	1.3	12
76	Low-volume wet-process sprayed concrete: pumping and spraying. Materials and Structures/Materiaux Et Constructions, 2005, 38, 229-237.	1.3	3
77	Development of self-compacting concrete. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2003, 156, 405-414.	0.4	78
78	Development of self-compacting concrete. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2003, 156, 405-414.	0.4	3
79	The performance of hardened wet-process sprayed mortars. Magazine of Concrete Research, 2000, 52, 195-208.	0.9	18
80	Workability, Shear Strength and Build of Wet-process Sprayed Mortars. , 1999, , 141-51.		0
81	The rheological performance of wet-process sprayed mortars. Magazine of Concrete Research, 1999, 51, 341-352.	0.9	31
82	Design in Modular Construction. , 0, , .		145