

# Derek Clements-Croome

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/55946/derek-clements-croome-publications-by-year.pdf>

**Version:** 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

66  
papers

1,816  
citations

17  
h-index

42  
g-index

112  
ext. papers

2,126  
ext. citations

3.8  
avg, IF

5.06  
L-index

#	Paper	IF	Citations
66	Das Gedeih-Modell für ein Biologisches Design <b>2021</b> , 355-375		1
65	The flourishing of Biophilic workplaces: Second Home Offices as a case study. <i>Intelligent Buildings International</i> , <b>2020</b> , 1-14	1.7	1
64	Flourishing workplaces: a multisensory approach to design and POE. <i>Intelligent Buildings International</i> , <b>2019</b> , 11, 131-144	1.7	13
63	The role of feedback in building design 1980-2018 and onwards. <i>Building Services Engineering Research and Technology</i> , <b>2019</b> , 40, 5-12	2.3	5
62	Sick building syndrome: are we doing enough?. <i>Architectural Science Review</i> , <b>2018</b> , 61, 99-121	2.6	75
61	Decision-making on HVAC&R systems selection: a critical review. <i>Intelligent Buildings International</i> , <b>2018</b> , 10, 133-153	1.7	6
60	A preliminary study on post-occupancy evaluation of four office buildings in the UK based on the Analytic Hierarchy Process. <i>Intelligent Buildings International</i> , <b>2018</b> , 10, 234-246	1.7	13
59	Intelligent or smart cities and buildings: a critical exposition and a way forward. <i>Intelligent Buildings International</i> , <b>2018</b> , 10, 122-129	1.7	24
58	Move beyond green building: A focus on healthy, comfortable, sustainable and aesthetical architecture. <i>Intelligent Buildings International</i> , <b>2017</b> , 9, 88-96	1.7	15
57	A review of air filtration technologies for sustainable and healthy building ventilation. <i>Sustainable Cities and Society</i> , <b>2017</b> , 32, 375-396	10.1	150
56	Planning and Design Scenarios for Liveable Cities <b>2017</b> , 81-97		2
55	Building Energy Management Systems <b>2017</b> , 291-309		9
54	The multi-sensory experience in buildings <b>2017</b> , 57-72		
53	The business case for sustainable healthy buildings <b>2017</b> , 41-56		
52	What is an intelligent building? Analysis of recent interpretations from an international perspective. <i>Architectural Science Review</i> , <b>2016</b> , 59, 338-357	2.6	58
51	Cognitive Appraisals Affect Both Embodiment of Thermal Sensation and Its Mapping to Thermal Evaluation. <i>Frontiers in Psychology</i> , <b>2016</b> , 7, 800	3.4	8
50	Influence of occupants' behaviour on energy and carbon emission reduction in a higher education building in the UK. <i>Intelligent Buildings International</i> , <b>2016</b> , 8, 157-175	1.7	9

49	The development of building assessment criteria framework for sustainable non-residential buildings in Saudi Arabia. <i>Sustainable Cities and Society</i> , <b>2016</b> , 26, 289-305	10.1	46
48	Creative and productive workplaces: a review. <i>Intelligent Buildings International</i> , <b>2015</b> , 7, 164-183	1.7	29
47	The Effect of Agile Workspace and Remote Working on Experiences of Privacy, Crowding and Satisfaction. <i>Buildings</i> , <b>2015</b> , 5, 880-898	3.2	12
46	Carbon brainprint □An estimate of the intellectual contribution of research institutions to reducing greenhouse gas emissions. <i>Chemical Engineering Research and Design</i> , <b>2015</b> , 96, 74-81	5.5	5
45	Intelligent Buildings, 2nd edition <b>2013</b> ,		5
44	Sustainable Built Environments <b>2013</b> , 394-425		3
43	Intelligent Sustainable Liveable Cities <b>2012</b> ,		3
42	Ventilation rates in schools and pupils□performance. <i>Building and Environment</i> , <b>2012</b> , 48, 215-223	6.5	292
41	Sustainability Assessment Indicators and Methodology for Intelligent Buildings. <i>Advanced Materials Research</i> , <b>2011</b> , 368-373, 3829-3832	0.5	3
40	The Interaction Between the Physical Environment and People <b>2011</b> , 239-259		3
39	Key performance indicators (KPIs) and priority setting in using the multi-attribute approach for assessing sustainable intelligent buildings. <i>Building and Environment</i> , <b>2010</b> , 45, 799-807	6.5	215
38	Integration of chaos theory and mathematical models in building simulation. <i>Automation in Construction</i> , <b>2010</b> , 19, 447-451	9.6	9
37	Integration of chaos theory and mathematical models in building simulation. <i>Automation in Construction</i> , <b>2010</b> , 19, 452-457	9.6	12
36	Past, present and future mathematical models for buildings. <i>Intelligent Buildings International</i> , <b>2009</b> , 1, 23-38	1.7	17
35	Exploring the Role of Design Quality in the Building Schools for the Future Programme. <i>Architectural Engineering and Design Management</i> , <b>2009</b> , 5, 249-262	1.2	14
34	Beasties in the creative workplace. <i>Intelligent Buildings International</i> , <b>2009</b> , 1, 222-229	1.7	
33	Past, present and future mathematical models for buildings. <i>Intelligent Buildings International</i> , <b>2009</b> , 1, 131-141	1.7	4
32	Ventilation rates in schools. <i>Building and Environment</i> , <b>2008</b> , 43, 362-367	6.5	119

31	Understanding the indoor environment through mining sensory data – a case study. <i>Energy and Buildings</i> , <b>2007</b> , 39, 1183-1191	7	37
30	The closure of a multicriteria lifespan energy efficiency approach to intelligent building assessment – by Chen et al. [Energy and Building 38(5) (2006) 393-409]: Discussed by K.C. Wong, Albert So, and Andrew Leung, Asian Institute of Intelligent Buildings. <i>Energy and Buildings</i> , <b>2007</b> , 39, 506-507	7	
29	Burn-in policies for products having dormant states. <i>Reliability Engineering and System Safety</i> , <b>2007</b> , 92, 278-285	6.3	15
28	. <i>Industrial Informatics, 2009 INDIN 2009 7th IEEE International Conference on</i> , <b>2007</b> ,		8
27	A novel repair model for imperfect maintenance. <i>IMA Journal of Management Mathematics</i> , <b>2006</b> , 17, 235-243	1.4	39
26	Reliability in the whole life cycle of building systems. <i>Engineering, Construction and Architectural Management</i> , <b>2006</b> , 13, 136-153	3.1	27
25	A multicriteria lifespan energy efficiency approach to intelligent building assessment. <i>Energy and Buildings</i> , <b>2006</b> , 38, 393-409	7	87
24	Contextual prerequisites for the application of ILS principles to the building services industry. <i>Engineering, Construction and Architectural Management</i> , <b>2005</b> , 12, 307-328	3.1	3
23	Building fades: sustainability, maintenance and refurbishment. <i>Proceedings of the Institution of Civil Engineers: Engineering Sustainability</i> , <b>2005</b> , 158, 89-95	0.9	6
22	Preventive maintenance models with random maintenance quality. <i>Reliability Engineering and System Safety</i> , <b>2005</b> , 90, 99-105	6.3	67
21	Sustainable building solutions: a review of lessons from the natural world. <i>Building and Environment</i> , <b>2005</b> , 40, 319-328	6.5	132
20	. <i>IEEE Transactions on Reliability</i> , <b>2005</b> , 54, 338-346	4.6	52
19	Designing the Indoor Environment for People. <i>Architectural Engineering and Design Management</i> , <b>2005</b> , 1, 45-55	1.2	9
18	Achieving quality through statistical prediction for building services systems. <i>Building Services Engineering Research and Technology</i> , <b>2004</b> , 25, 99-110	2.3	3
17	University courses in intelligent buildings - new learning approaches. <i>Facilities</i> , <b>1997</b> , 15, 171-176	2.2	6
16	What do we mean by intelligent buildings?. <i>Automation in Construction</i> , <b>1997</b> , 6, 395-400	9.6	60
15	Natural ventilation in the United Kingdom: Design issues for commercial and public buildings. <i>Building Services Engineering Research and Technology</i> , <b>1996</b> , 17, 1-5	2.3	1
14	Freshness, ventilation and temperature in offices. <i>Building Services Engineering Research and Technology</i> , <b>1996</b> , 17, 21-27	2.3	1

13	The effect of geopathic stress on building occupants. <i>Renewable Energy</i> , <b>1994</b> , 5, 993-996	8.1	3
12	Evaluation of thermal comfort and indoor air quality in offices. <i>Building Research and Information</i> , <b>1992</b> , 20, 211-225	4.3	7
11	The determinants of architectural form in modern buildings within the Arab world. <i>Building and Environment</i> , <b>1991</b> , 26, 349-362	6.5	6
10	Review paper: Building services engineering—the invisible architecture. <i>Building Services Engineering Research and Technology</i> , <b>1990</b> , 11, 27-31	2.3	7
9	Technological innovation. <i>Building Research and Information</i> , <b>1990</b> , 18, 174-182		
8	Acoustic design for flexible membrane structures. <i>Applied Acoustics</i> , <b>1985</b> , 18, 399-433	3.1	3
7	Covered northern township. <i>International Journal of Ambient Energy</i> , <b>1985</b> , 6, 171-186	2	4
6	Saving energy in health buildings. <i>Building Services Engineering Research and Technology</i> , <b>1983</b> , 4, 129-138.	3	
5	Building environmental engineering higher education. <i>Building Services Engineering Research and Technology</i> , <b>1981</b> , 2, 27-36	2.3	
4	Man, environment and buildings. <i>Building and Environment</i> , <b>1980</b> , 15, 235-238	6.5	
3	The role of feedback in building design. <i>Building Services Engineering Research and Technology</i> , <b>1980</b> , 1, 1-9	2.3	2
2	Predicting the sound emission from airconditioning and ventilating systems. <i>Applied Acoustics</i> , <b>1977</b> , 10, 315-316	3.1	
1	Road traffic noise—its nuisance value. <i>Applied Acoustics</i> , <b>1969</b> , 2, 279-296	3.1	5