

Steve Goodhew

List of Publications by Year in descending order

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49
papers

966
citations

471509

17
h-index

454955

30
g-index

59
all docs

59
docs citations

59
times ranked

941
citing authors

#	ARTICLE	IF	CITATIONS
1	Living wall systems for improved thermal performance of existing buildings. Building and Environment, 2022, 207, 108491.	6.9	19
2	Earth construction: Field variabilities and laboratory reproducibility. Construction and Building Materials, 2022, 314, 125591.	7.2	16
3	Engaging People with Energy Efficiency: A Randomised Controlled Trial Testing the Effects of Thermal Imaging Visuals in a Letter Communication. Sustainability, 2021, 13, 3543.	3.2	1
4	Improving the thermal performance of earthen walls to satisfy current building regulations. Energy and Buildings, 2021, 240, 110873.	6.7	17
5	Novel Dual Walling Cob Building: Dynamic Thermal Performance. Energies, 2021, 14, 7663.	3.1	9
6	Hospital ward temperatures related to hypothermic risk in orthopaedic patients. Building Research and Information, 2020, 48, 286-300.	3.9	5
7	Thermal performance exploration of 3D printed cob. Architectural Science Review, 2019, 62, 230-237.	2.2	28
8	Building with earth: How we are working to revive an ancient, sustainable building technique. Construction Research and Innovation, 2019, 10, 105-108.	0.2	6
9	A New Methodology for the Selective Measurement of building Performance and Safety. Energy Procedia, 2017, 111, 338-346.	1.8	7
10	Mental models: Exploring how people think about heat flows in the home. Energy Research and Social Science, 2017, 31, 145-157.	6.4	12
11	The "Safety Gap"™ in buildings: Perceptions of Welsh Fire Safety Professionals. Energy Procedia, 2017, 134, 787-796.	1.8	8
12	The Actual Performance of Aspiring Low Energy Social Houses in the United Kingdom. Energy Procedia, 2017, 105, 2181-2186.	1.8	4
13	Thermal properties of cob retrofitted with external hemp "lime. Proceedings of Institution of Civil Engineers: Construction Materials, 2017, 170, 55-67.	1.1	3
14	Assessment and performance evaluation of buildings and construction processes. , 2016, , 188-248.		0
15	The practicalities of building with sustainable technologies. , 2016, , 270-312.		0
16	Future of sustainable construction. , 2016, , 313-335.		0
17	Measured Indoor Temperatures, Thermal Comfort and Overheating Risk: Post-occupancy Evaluation of Low Energy Houses in the UK. Energy Procedia, 2016, 88, 714-720.	1.8	38
18	An investigation of the appropriateness of current methodologies for energy certification of Mediterranean housing. Energy and Buildings, 2016, 130, 210-218.	6.7	36

#	ARTICLE	IF	CITATIONS
19	Building defect detection: External versus internal thermography. Building and Environment, 2016, 105, 317-331.	6.9	74
20	Improving the visibility of energy use in home heating in England: Thermal images and the role of visual tailoring. Energy Research and Social Science, 2016, 14, 111-121.	6.4	22
21	Time-lapse thermography for building defect detection. Energy and Buildings, 2015, 92, 95-106.	6.7	63
22	Making Heat Visible. Environment and Behavior, 2015, 47, 1059-1088.	4.7	45
23	Thermography methodologies for detecting energy related building defects. Renewable and Sustainable Energy Reviews, 2014, 40, 296-310.	16.4	89
24	The potential for using geopolymers in the UK. Proceedings of Institution of Civil Engineers: Construction Materials, 2013, 166, 195-203.	1.1	31
25	A comparative analysis of implementation of the Energy Performance of Buildings Directive in the Mediterranean. International Journal of Law in the Built Environment, 2013, 5, 222-240.	0.5	3
26	Earth Footprint of the Construction Phase of the Wales Institute for Sustainable Education at the Centre for Alternative Technology. International Journal of Sustainability Education, 2013, 8, 73-91.	0.2	1
27	Sustainability of solid brick walls with retrofitted external hemp-lime insulation. Structural Survey, 2012, 30, 312-332.	1.0	5
28	In-Construction Testing of the Thermal Performance of Dwellings Using Thermography. Smart Innovation, Systems and Technologies, 2012, , 307-318.	0.6	3
29	The Monitoring and Assessment of Indoor Environment and Domestic Electricity Use in a Preliminary Post-occupancy Case Study. Smart Innovation, Systems and Technologies, 2012, , 331-340.	0.6	0
30	A Preliminary Case Study in the Built Environment Applying Smart Environment Techniques of Monitoring and Data Analysis. , 2011, , .		0
31	Development of a cost effective probe for the long term monitoring of straw bale buildings. Building and Environment, 2011, 46, 156-164.	6.9	22
32	Identifying an appropriate approach to judge low carbon buildings. Structural Survey, 2011, 29, 436-446.	1.0	4
33	The flexural strength of earth-block masonry for sustainable walling. Structural Survey, 2011, 29, 46-62.	1.0	1
34	Briefing: Challenges related to straw bale construction. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2010, 163, 185-189.	0.7	8
35	The perceived barriers to the inclusion of rainwater harvesting systems by UK house building companies. Urban Water Journal, 2010, 7, 257-265.	2.1	35
36	The feasibility of earth block masonry for building sustainable walling in the United Kingdom. Journal of Building Appraisal, 2010, 6, 99-108.	0.4	23

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37	In Situ Thermal Conductivity Measurements of Building Materials with a Thermal Probe. Journal of Testing and Evaluation, 2010, 38, 339-346.	0.7	4
38	Investigating the sustainability of water management in Alwihat, Libya. , 2010, , .		2
39	Evolution and validation of a thermal probe model. Journal of Building Performance Simulation, 2009, 2, 85-94.	2.0	4
40	The noise insulation properties of non-food-crop walling for schools and colleges: A case study. Journal of Building Appraisal, 2009, 5, 29-40.	0.4	18
41	Validation of data analysis routines for a thermal probe apparatus using numerical data sets. Building Simulation, 2008, 1, 36-45.	5.6	7
42	Thermal Probe Technology for Buildings: Transition from Laboratory to Field Measurements. Journal of Architectural Engineering, 2008, 14, 111-118.	1.6	7
43	An assessment of the potential returns of energy certificates for the UK household sector. Journal of Financial Management of Property and Construction, 2008, 13, 187-199.	1.4	6
44	Environmental Sustainability: Sustainable Construction Education â€œ A UK Case Study. International Journal of Environmental, Cultural, Economic and Social Sustainability, 2007, 2, 9-22.	0.1	4
45	Sustainable earth walls to meet the building regulations. Energy and Buildings, 2005, 37, 451-459.	6.7	171
46	Investigation into the Variations of Moisture Content of Two Buildings Constructed with Light Earth Walls. Journal of Architectural Engineering, 2005, 11, 147-155.	1.6	0
47	Analysis of thermal-probe measurements using an iterative method to give sample conductivity and diffusivity data. Applied Energy, 2004, 77, 205-223.	10.1	38
48	An investigation of the moisture content in the walls of a straw-bale building. Building and Environment, 2004, 39, 1443-1451.	6.9	50
49	Flexible learning in construction education: a building pathology case study. Structural Survey, 2004, 22, 242-250.	1.0	7