

Guillaume habert

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.

151
papers

5,988
citations

41
h-index

75
g-index

168
ext. papers

7,839
ext. citations

5.5
avg, IF

6.48
L-index

#	Paper	IF	Citations
151	An environmental evaluation of geopolymer based concrete production: reviewing current research trends. <i>Journal of Cleaner Production</i> , 2011 , 19, 1229-1238	10.3	649
150	Environmental impact of cement production: detail of the different processes and cement plant variability evaluation. <i>Journal of Cleaner Production</i> , 2010 , 18, 478-485	10.3	333
149	Vision of 3D printing with concrete [Technical, economic and environmental potentials. <i>Cement and Concrete Research</i> , 2018 , 112, 25-36	10.3	316
148	LCA allocation procedure used as an incitative method for waste recycling: An application to mineral additions in concrete. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 1231-1240	11.9	279
147	Embodied GHG emissions of buildings [The hidden challenge for effective climate change mitigation. <i>Applied Energy</i> , 2020 , 258, 114107	10.7	187
146	Cement production technology improvement compared to factor 4 objectives. <i>Cement and Concrete Research</i> , 2010 , 40, 820-826	10.3	166
145	Multiscale magmatic cyclicality, duration of pluton construction, and the paradoxical relationship between tectonism and plutonism in continental arcs. <i>Tectonophysics</i> , 2011 , 500, 20-33	3.1	164
144	Recent update on the environmental impact of geopolymers. <i>RILEM Technical Letters</i> , 1, 17		151
143	Productivity of digital fabrication in construction: Cost and time analysis of a robotically built wall. <i>Automation in Construction</i> , 2018 , 92, 297-311	9.6	138
142	Study of two concrete mix-design strategies to reach carbon mitigation objectives. <i>Cement and Concrete Composites</i> , 2009 , 31, 397-402	8.6	134
141	Environmental impacts and decarbonization strategies in the cement and concrete industries. <i>Nature Reviews Earth & Environment</i> , 2020 , 1, 559-573	30.2	126
140	LCA and BIM: Visualization of environmental potentials in building construction at early design stages. <i>Building and Environment</i> , 2018 , 140, 153-161	6.5	125
139	Mechanisms and duration of non-tectonically assisted magma emplacement in the upper crust: The Black Mesa pluton, Henry Mountains, Utah. <i>Tectonophysics</i> , 2006 , 428, 1-31	3.1	114
138	Environmental design guidelines for digital fabrication. <i>Journal of Cleaner Production</i> , 2017 , 142, 2780-2793	10.3	108
137	Assessing the environmental and economic potential of Limestone Calcined Clay Cement in Cuba. <i>Journal of Cleaner Production</i> , 2016 , 124, 361-369	10.3	106
136	Buildings environmental impacts' sensitivity related to LCA modelling choices of construction materials. <i>Journal of Cleaner Production</i> , 2017 , 156, 805-816	10.3	103
135	Carbonation kinetics of a bed of recycled concrete aggregates: A laboratory study on model materials. <i>Cement and Concrete Research</i> , 2013 , 46, 50-65	10.3	97

134	Influence of construction material uncertainties on residential building LCA reliability. <i>Journal of Cleaner Production</i> , 2017 , 144, 33-47	10.3	94
133	Fast-growing bio-based materials as an opportunity for storing carbon in exterior walls. <i>Building and Environment</i> , 2018 , 129, 117-129	6.5	90
132	Flow properties of MK-based geopolymer pastes. A comparative study with standard Portland cement pastes. <i>Soft Matter</i> , 2014 , 10, 1134-41	3.6	89
131	Potential benefits of digital fabrication for complex structures: Environmental assessment of a robotically fabricated concrete wall. <i>Journal of Cleaner Production</i> , 2017 , 154, 330-340	10.3	84
130	Limestone calcined clay cement as a low-carbon solution to meet expanding cement demand in emerging economies. <i>Development Engineering</i> , 2017 , 2, 82-91	2.5	80
129	Evaluation of BIM-based LCA results for building design. <i>Automation in Construction</i> , 2020 , 109, 102972	9.6	80
128	Development of a depletion indicator for natural resources used in concrete. <i>Resources, Conservation and Recycling</i> , 2010 , 54, 364-376	11.9	79
127	Emplacement of multiple magma sheets and wall rock deformation: Trachyte Mesa intrusion, Henry Mountains, Utah. <i>Journal of Structural Geology</i> , 2008 , 30, 491-512	3	79
126	Reducing environmental impact by increasing the strength of concrete: quantification of the improvement to concrete bridges. <i>Journal of Cleaner Production</i> , 2012 , 35, 250-262	10.3	78
125	Lowering the global warming impact of bridge rehabilitations by using Ultra High Performance Fibre Reinforced Concretes. <i>Cement and Concrete Composites</i> , 2013 , 38, 1-11	8.6	77
124	Effects of the secondary minerals of the natural pozzolans on their pozzolanic activity. <i>Cement and Concrete Research</i> , 2008 , 38, 963-975	10.3	76
123	Mechanical properties and compositional heterogeneities of fresh geopolymer pastes. <i>Cement and Concrete Research</i> , 2013 , 48, 9-16	10.3	75
122	Continuous BIM-based assessment of embodied environmental impacts throughout the design process. <i>Journal of Cleaner Production</i> , 2019 , 211, 941-952	10.3	71
121	The impact of future scenarios on building refurbishment strategies towards plus energy buildings. <i>Energy and Buildings</i> , 2016 , 124, 153-163	7	70
120	Environmental impacts of bamboo-based construction materials representing global production diversity. <i>Journal of Cleaner Production</i> , 2014 , 69, 117-127	10.3	59
119	Clay content of argillites: Influence on cement based mortars. <i>Applied Clay Science</i> , 2009 , 43, 322-330	5.2	58
118	Method to analyse the contribution of material's sensitivity in buildings' environmental impact. <i>Journal of Cleaner Production</i> , 2014 , 66, 54-64	10.3	57
117	Is gravel becoming scarce? Evaluating the local criticality of construction aggregates. <i>Resources, Conservation and Recycling</i> , 2017 , 126, 25-33	11.9	54

116	Comparison of generic and product-specific Life Cycle Assessment databases: application to construction materials used in building LCA studies. <i>International Journal of Life Cycle Assessment</i> , 2015 , 20, 1473-1490	4.6	52
115	Cement paste content and water absorption of recycled concrete coarse aggregates. <i>Materials and Structures/Materiaux Et Constructions</i> , 2014 , 47, 1451-1465	3.4	52
114	Transportation matters ¶Does it? GIS-based comparative environmental assessment of concrete mixes with cement, fly ash, natural and recycled aggregates. <i>Resources, Conservation and Recycling</i> , 2018 , 137, 1-10	11.9	46
113	Correlations in Life Cycle Impact Assessment methods (LCIA) and indicators for construction materials: What matters?. <i>Ecological Indicators</i> , 2016 , 67, 174-182	5.8	43
112	Top-down or bottom-up? ¶How environmental benchmarks can support the design process. <i>Building and Environment</i> , 2019 , 153, 148-157	6.5	42
111	A multinuclear static NMR study of geopolymerisation. <i>Cement and Concrete Research</i> , 2015 , 75, 104-109	10.3	41
110	Emplacement and assembly of shallow intrusions from multiple magma pulses, Henry Mountains, Utah. <i>Earth and Environmental Science Transactions of the Royal Society of Edinburgh</i> , 2009 , 100, 117-132	0.9	41
109	Life cycle assessment (LCA) of alkali-activated cements and concretes 2015 , 663-686		38
108	Self-Compacted Clay based Concrete (SCCC): proof-of-concept. <i>Journal of Cleaner Production</i> , 2016 , 117, 160-168	10.3	34
107	Biogenic carbon in buildings: a critical overview of LCA methods. <i>Buildings and Cities</i> , 2020 , 1, 504-524	3.3	34
106	Lime as an Anti-Plasticizer for Self-Compacting Clay Concrete. <i>Materials</i> , 2016 , 9,	3.5	33
105	Retrofit as a carbon sink: The carbon storage potentials of the EU housing stock. <i>Journal of Cleaner Production</i> , 2019 , 214, 365-376	10.3	33
104	Industrial or Traditional Bamboo Construction? Comparative Life Cycle Assessment (LCA) of Bamboo-Based Buildings. <i>Sustainability</i> , 2018 , 10, 3096	3.6	30
103	Global or local construction materials for post-disaster reconstruction? Sustainability assessment of twenty post-disaster shelter designs. <i>Building and Environment</i> , 2015 , 92, 692-702	6.5	28
102	The Maya blue nanostructured material concept applied to colouring geopolymers. <i>RSC Advances</i> , 2015 , 5, 98834-98841	3.7	28
101	LCA and BIM: Integrated Assessment and Visualization of Building Elements¶Embodied Impacts for Design Guidance in Early Stages. <i>Procedia CIRP</i> , 2018 , 69, 218-223	1.8	28
100	Fabric studies within the Cascade Lake shear zone, Sierra Nevada, California. <i>Tectonophysics</i> , 2005 , 400, 209-226	3.1	27
99	Uncertainty of building elements¶Service lives in building LCA & LCC: What matters?. <i>Building and Environment</i> , 2020 , 183, 106904	6.5	26

98	Influence of simplification of life cycle inventories on the accuracy of impact assessment: application to construction products. <i>Journal of Cleaner Production</i> , 2014 , 79, 142-151	10.3	26
97	When CO2 counts: Sustainability assessment of industrialized bamboo as an alternative for social housing programs in the Philippines. <i>Building and Environment</i> , 2016 , 103, 44-53	6.5	26
96	A method for allocation according to the economic behaviour in the EU-ETS for by-products used in cement industry. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 113-126	4.6	23
95	Cradle-to-gate life cycle assessment of self-healing engineered cementitious composite with in-house developed (semi-)synthetic superabsorbent polymers. <i>Cement and Concrete Composites</i> , 2018 , 94, 166-180	8.6	21
94	Review of visualising LCA results in the design process of buildings. <i>Building and Environment</i> , 2021 , 190, 107530	6.5	20
93	When more is better [Comparative LCA of wall systems with stone. <i>Building and Environment</i> , 2014 , 82, 628-639	6.5	19
92	Adaptation of environmental data to national and sectorial context: application for reinforcing steel sold on the French market. <i>International Journal of Life Cycle Assessment</i> , 2013 , 18, 926-938	4.6	19
91	Assessing the environmental impact of conventional and green cement production 2014 , 199-238		18
90	Carbon budgets for buildings: harmonising temporal, spatial and sectoral dimensions. <i>Buildings and Cities</i> , 2020 , 1, 429-452	3.3	18
89	Land-cover-based indicator to assess the accessibility of resources used in the construction sector. <i>Resources, Conservation and Recycling</i> , 2015 , 94, 80-91	11.9	17
88	Integrated BIM-Based LCA for the Entire Building Process Using an Existing Structure for Cost Estimation in the Swiss Context. <i>Sustainability</i> , 2020 , 12, 3748	3.6	17
87	A fresh look at dense clay paste: Deflocculation and thixotropy mechanisms. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 539, 252-260	5.1	17
86	Using anticipatory life cycle assessment to enable future sustainable construction. <i>Journal of Industrial Ecology</i> , 2020 , 24, 178-192	7.2	17
85	Investigating transparency regardingecoinvent users'system model choices. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1-5	4.6	16
84	Dynamic Assessment of Construction Materials in Urban Building Stocks: A Critical Review. <i>Environmental Science & Technology</i> , 2019 , 53, 9992-10006	10.3	15
83	Power: A new paradigm for energy use in sustainable construction. <i>Ecological Indicators</i> , 2012 , 23, 109-115	5.8	15
82	Method and application of characterisation of life cycle impact data of construction materials using geographic information systems. <i>International Journal of Life Cycle Assessment</i> , 2017 , 22, 1210-1219	4.6	13
81	Embodied GHGs in a Fast Growing City: Looking at the Evolution of a Dwelling Stock using Structural Element Breakdown and Policy Scenarios. <i>Journal of Industrial Ecology</i> , 2018 , 22, 1339-1351	7.2	13

80	A design integrated parametric tool for real-time Life Cycle Assessment [Bombyx project]. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012112	0.3	13
79	Environmental impact of Portland cement production 2013 , 3-25		13
78	Life Cycle Analysis of Strengthening Existing RC Structures with R-PE-UHPFRC. <i>Sustainability</i> , 2019 , 11, 6923	3.6	13
77	A matter of speed: The impact of material choice in post-disaster reconstruction. <i>International Journal of Disaster Risk Reduction</i> , 2019 , 34, 34-44	4.5	12
76	Detailed Assessment of Embodied Carbon of HVAC Systems for a New Office Building Based on BIM. <i>Sustainability</i> , 2020 , 12, 3372	3.6	11
75	Influence of material choice, renovation rate, and electricity grid to achieve a Paris Agreement-compatible building stock: A Portuguese case study. <i>Building and Environment</i> , 2021 , 195, 107773	6.5	11
74	From casting to 3D printing geopolymers: A proof of concept. <i>Cement and Concrete Research</i> , 2021 , 143, 106374	10.3	11
73	Environmental assessment of multi-functional building elements constructed with digital fabrication techniques. <i>International Journal of Life Cycle Assessment</i> , 2019 , 24, 1027-1039	4.6	10
72	Influence of magnesium on deflocculated kaolinite suspension: Mechanism and kinetic control. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 544, 196-204	5.1	10
71	Comparison of the environmental assessment of an identical office building with national methods. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012037	0.3	10
70	Achieving net zero greenhouse gas emissions in the cement industry via value chain mitigation strategies. <i>One Earth</i> , 2021 , 4, 1398-1411	8.1	9
69	Environmental impact assessment of wood bio-concretes: Evaluation of the influence of different supplementary cementitious materials. <i>Construction and Building Materials</i> , 2021 , 268, 121146	6.7	9
68	What is the optimal robust environmental and cost-effective solution for building renovation? Not the usual one. <i>Energy and Buildings</i> , 2021 , 251, 111329	7	9
67	Foaming of Recyclable Clays into Energy-Efficient Low-Cost Thermal Insulators. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 15597-15606	8.3	8
66	Consistent BIM-led LCA during the entire building design process. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012099	0.3	8
65	Linking research activities and their implementation in practice in the construction sector: the LCA Construction 2012 experience. <i>International Journal of Life Cycle Assessment</i> , 2014 , 19, 463-470	4.6	8
64	Statistical method to identify robust building renovation choices for environmental and economic performance. <i>Building and Environment</i> , 2020 , 183, 107143	6.5	8
63	The future in and of criticality assessments. <i>Journal of Industrial Ecology</i> , 2019 , 23, 751-766	7.2	8

62	Sustainable built environment: transition towards a net zero carbon built environment. <i>International Journal of Life Cycle Assessment</i> , 2020 , 25, 1160-1167	4.6	7
61	Land availability in Europe for a radical shift toward bio-based construction. <i>Sustainable Cities and Society</i> , 2021 , 70, 102929	10.1	7
60	Embodied GHG Emissions of Wooden Buildings Challenges of Biogenic Carbon Accounting in Current LCA Methods. <i>Frontiers in Built Environment</i> , 2021 , 7,	2.2	7
59	Decarbonizing the cement and concrete sector: integration of the full value chain to reach net zero emissions in Europe. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 225, 012009	0.3	6
58	Evaluating the risks in the construction wood product system through a criticality assessment framework. <i>Resources, Conservation and Recycling</i> , 2019 , 146, 68-76	11.9	6
57	Global or local construction materials for post-disaster reconstruction? Sustainability assessment of 20 post-disaster shelter designs. <i>Data in Brief</i> , 2015 , 4, 308-14	1.2	6
56	Using a budget approach for decision-support in the design process. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012026	0.3	6
55	Environmental Savings Potential from the Use of Bahareque (Mortar Cement Plastered Bamboo) in Switzerland. <i>Key Engineering Materials</i> , 2014 , 600, 21-33	0.4	6
54	Emplacement and assembly of shallow intrusions from multiple magma pulses, Henry Mountains, Utah 2010 ,		6
53	Rate of construction of the Black Mesa bysmalith, Henry Mountains, Utah. <i>Geological Society Special Publication</i> , 2004 , 234, 163-173	1.7	6
52	Regional circular economy of building materials: Environmental and economic assessment combining Material Flow Analysis, Input-Output Analyses, and Life Cycle Assessment. <i>Journal of Industrial Ecology</i> ,	7.2	6
51	Designing Reinforced Concrete Beams Containing Supplementary Cementitious Materials. <i>Materials</i> , 2019 , 12,	3.5	5
50	Exploring the Potential for Utilization of Medium and Highly Sulfidic Mine Tailings in Construction Materials: A Review. <i>Sustainability</i> , 2021 , 13, 12150	3.6	5
49	Powder bed 3D printing with quarry waste. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 588, 042056	0.3	5
48	Influence of additives on poured earth strength development. <i>Materials and Structures/Materiaux Et Constructions</i> , 2020 , 53, 1	3.4	5
47	A data-driven parametric tool for under-specified LCA in the design phase. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 052018	0.3	4
46	Where does the money go? Economic flow analysis of construction projects. <i>Building Research and Information</i> , 2018 , 46, 348-366	4.3	4
45	Fleet-based LCA applied to the building sector Environmental and economic analysis of retrofit strategies. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012172	0.3	4

44	Primary data priorities for the life cycle inventory of construction products: focus on foreground processes. <i>International Journal of Life Cycle Assessment</i> , 2020 , 25, 980-997	4.6	3
43	Discussion of Earth concrete. Stabilization revisited <i>Cement and Concrete Research</i> , 2020 , 130, 105991	10.3	3
42	Probabilistic LCA and LCC to identify robust and reliable renovation strategies. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012058	0.3	3
41	Carbon Footprint Assessment of a Novel Bio-Based Composite for Building Insulation. <i>Sustainability</i> , 2022 , 14, 1384	3.6	3
40	Introducing Low Carbon Cement in Cuba - A Life Cycle Sustainability Assessment Study. <i>RILEM Bookseries</i> , 2018 , 415-421	0.5	3
39	Invasive alien plants as an alternative resource for concrete production \square multi-scale optimization including carbon compensation, cleared land and saved water runoff in South Africa. <i>Resources, Conservation and Recycling</i> , 2021 , 167, 105361	11.9	3
38	Evaluation of dry wall system and its features in environmental sustainability. <i>Journal of Cleaner Production</i> , 2021 , 278, 123290	10.3	3
37	A time-series material-product chain model extended to a multiregional industrial symbiosis: The case of material circularity in the cement sector. <i>Ecological Economics</i> , 2021 , 179, 106872	5.6	3
36	Material Diets for Climate-Neutral Construction.. <i>Environmental Science & Technology</i> , 2022 ,	10.3	3
35	Implications of using systematic decomposition structures to organize building LCA information: A comparative analysis of national standards and guidelines- IEA EBC ANNEX 72. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 022008	0.3	2
34	Dynamic life cycle assessment of straw-based renovation: A case study from a Portuguese neighbourhood. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 042054	0.3	2
33	The informal city as a socio-technical system: Construction management and money distribution in the informal and upgraded communities of Bangkok. <i>Journal of Cleaner Production</i> , 2020 , 256, 120142	10.3	2
32	Massive timber building vs. conventional masonry building. A comparative life cycle assessment of an Italian case study. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012016	0.3	2
31	Composite UHPFRC-concrete construction for rehabilitation \square most recent advances and applications. <i>Bridge Maintenance, Safety and Management</i> , 2010 , 445-446		2
30	Component-Based Model for Building Material Stock and Waste-Flow Characterization: A Case in the Île-de-France Region. <i>Sustainability</i> , 2021 , 13, 13159	3.6	2
29	Rethinking the roles in the AEC industry to accommodate digital fabrication 2018 ,		2
28	Geopolymer Formulation for Binder Jet 3D Printing. <i>RILEM Bookseries</i> , 2020 , 153-161	0.5	2
27	Design-Integrated LCA Using Early BIM 2018 , 269-279		2

26	Assessment of Sustainability of Low Carbon Cement in Cuba. Cement Pilot Production and Prospective Case. <i>RILEM Bookseries</i> , 2015 , 189-194	0.5	2
25	Dataset of service life data for 100 building elements and technical systems including their descriptive statistics and fitting to lognormal distribution. <i>Data in Brief</i> , 2021 , 36, 107062	1.2	2
24	Embodied versus operational energy in residential and commercial buildings: where should we focus?. <i>Journal of Physics: Conference Series</i> , 2019 , 1343, 012178	0.3	2
23	Mechanisms for efficient clay dispersing effect with tannins and sodium hydroxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 630, 127589	5.1	2
22	A Life-Cycle Approach to Building Energy Retrofitting: Bio-Based Technologies for Sustainable Urban Regeneration. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 290, 012057	0.3	1
21	Embodied GHG emissions of buildings [Critical reflection of benchmark comparison and in-depth analysis of drivers. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 032048	0.3	1
20	Sustainability assessment in Cuban cement sector- a methodological approach. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012128	0.3	1
19	Eco-efficiency assessment of conventional OPC/PPC replacement by LC3 in Cuban residential buildings. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012129	0.3	1
18	Towards a model for circular renovation of the existing building stock: a preliminary study on the potential for CO2 reduction of bio-based insulation materials. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 323, 012176	0.3	1
17	Influence of tannin and iron ions on the water resistance of clay materials. <i>Construction and Building Materials</i> , 2022 , 323, 126571	6.7	1
16	Environmental Potential of Earth-Based Building Materials: Key Facts and Issues from a Life Cycle Assessment Perspective. <i>RILEM State-of-the-Art Reports</i> , 2022 , 261-296	1.3	1
15	Advances in Binder-Jet 3D Printing of Non-cementitious Materials. <i>RILEM Bookseries</i> , 2020 , 103-112	0.5	1
14	Sustainability of Cuban Construction Supply Chain by Means of LC3 Cement: Case Studies in Villa Clara Province. <i>RILEM Bookseries</i> , 2018 , 105-109	0.5	1
13	Robust and resilient renovation solutions in different climate change scenarios. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 032042	0.3	1
12	Tracking the Environmental Consequences of Circular Economy over Space and Time: The Case of Close- and Open-Loop Recovery of Postconsumer Glass. <i>Environmental Science & Technology</i> , 2021 , 55, 11521-11532	10.3	1
11	Stakeholder influence on global warming potential of reinforced concrete structure. <i>Journal of Building Engineering</i> , 2021 , 44, 102979	5.2	1
10	Regional environmental-economic assessment of building materials to promote circular economy: comparison of three Swiss cantons. <i>Resources, Conservation and Recycling</i> , 2022 , 181, 106247	11.9	1
9	Bio-based materials as a robust solution for building renovation: A case study. <i>Applied Energy</i> , 2022 , 316, 119102	10.7	1

8	When low strength materials meet funicular structures: a sustainable clay floor structure solution for emerging contexts. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 042024	0.3	0
7	A reverse engineering approach for low environmental impact earth stabilization technique. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 042058	0.3	0
6	Clay particles as binder for earth buildings materials: a fresh look into rheology of dense clay suspensions. <i>EPJ Web of Conferences</i> , 2017 , 140, 13010	0.3	0
5	Challenges and Opportunities for Circular Economy Promotion in the Building Sector. <i>Sustainability</i> , 2022 , 14, 1569	3.6	0
4	Uncertainty, variability, price changes and their implications on a regional building materials industry: The case of Swiss canton Argovia. <i>Journal of Cleaner Production</i> , 2022 , 330, 129944	10.3	0
3	Deriving global carbon budgets for the Swiss built environment. <i>Journal of Physics: Conference Series</i> , 2021 , 2042, 012172	0.3	0
2	Beyond materials: The construction process in space, time and culture in the informal settlement of Mathare, Nairobi. <i>Development Engineering</i> , 2021 , 100071	2.5	0
1	Supply chain mapping and stakeholders assessment towards the Sustainable Development Goals: the case of the construction sector in the informal settlement of Mathare, Nairobi. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020 , 588, 042033	0.3	0