

# Ioannis Ioannou

## List of Publications by Year in descending order

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104  
papers

7,451  
citations

172386

29  
h-index

66879

78  
g-index

110  
all docs

110  
docs citations

110  
times ranked

5346  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Behaviour of Earth Building Materials. RILEM State-of-the-Art Reports, 2022, , 127-180.	0.3	4
2	Mechanical Characterization of Adobe Bricks. Building Pathology and Rehabilitation, 2021, , 35-54.	0.1	2
3	The influence of ophiolitic crushed fine aggregate properties on the performance of cement mortars. Bulletin of Engineering Geology and the Environment, 2021, 80, 8903-8920.	1.6	7
4	Mechanical Reinforcement of Lime Pastes by Electrospun Cellulose Acetate Polymer Fibers. Fibers and Polymers, 2021, 22, 676-684.	1.1	5
5	Iron-Stimulated Production and Antimicrobial Potential of a Novel Biosurfactant Produced by a Drilling Waste-Degrading Pseudomonas citronellolis Strain. Processes, 2021, 9, 686.	1.3	11
6	Durability performance of non-stabilized Compressed Earth Blocks with optimized granular composition. , 2021, , .		0
7	Reproduction of traditional adobes using varying percentage contents of straw and sawdust. Construction and Building Materials, 2021, 294, 123516.	3.2	22
8	State of Conservation of Concrete Heritage Buildings: A European Screening. Infrastructures, 2021, 6, 109.	1.4	3
9	Influence of microencapsulated Phase Change Materials (PCMs) on the properties of polymer modified cementitious repair mortar. Journal of Building Engineering, 2021, 40, 102328.	1.6	18
10	Experimental research on salt contamination procedures and methods for assessment of the salt distribution. Construction and Building Materials, 2021, 298, 123862.	3.2	12
11	Improving the carbonation of air lime mortars at ambient conditions via the incorporation of ball-milled quarry waste. Construction and Building Materials, 2021, 301, 124073.	3.2	13
12	Assessing the quality of concrete “ reinforcement interface in Self Compacting Concrete. Construction and Building Materials, 2020, 240, 117933.	3.2	20
13	Seismic appraisal of heritage ruins: The case study of the St. Mary of Carmel church in Cyprus. Engineering Structures, 2020, 224, 111209.	2.6	18
14	Use of Ultrafine Mafic Rocks for the Enhancement of Carbonation Reaction in Lime Renders. International Journal of Architectural Heritage, 2020, 14, 1087-1097.	1.7	3
15	A novel methodology for synthesizing the wetting capillary pressure curve of rocks through sorptivity data. Journal of Petroleum Science and Engineering, 2019, 180, 413-423.	2.1	4
16	Correlations between the Properties of Crushed Fine Aggregates. Minerals (Basel, Switzerland), 2019, 9, 86.	0.8	14
17	Comparative evaluation of a novel environmentally responsive modular wall system based on integrated quantitative and qualitative criteria. Energy, 2019, 188, 115966.	4.5	8
18	Experimental Investigation of the Structural Response of Adobe Buildings to Lateral Loading Before and After the Implementation of Compatible Grout Repairs. RILEM Bookseries, 2019, , 1548-1556.	0.2	0

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19	Earth masonry. , 2019, , 89-127.		1
20	Effect of ball milling on the carbon sequestration efficiency of serpentized peridotites. Minerals Engineering, 2018, 120, 66-74.	1.8	19
21	Towards a more effective and reliable salt crystallization test for porous building materials: state of the art. Materials and Structures/Materiaux Et Constructions, 2018, 51, 1.	1.3	78
22	Thermal performance assessment of vernacular residential semi-open spaces in Mediterranean climate. Indoor and Built Environment, 2018, 27, 1050-1068.	1.5	23
23	Utilization of Electrolytic Manganese Dioxide (E.M.D.) waste in concrete exposed to salt crystallization. Construction and Building Materials, 2018, 158, 708-718.	3.2	18
24	Carbon sequestration via enhanced weathering of peridotites and basalts in seawater. Applied Geochemistry, 2018, 91, 197-207.	1.4	52
25	Ball Milling Effect on the CO2 Uptake of Mafic and Ultramafic Rocks: A Review. Geosciences (Switzerland), 2018, 8, 406.	1.0	14
26	Thermal performance and embodied energy of standard and retrofitted wall systems encountered in Southern Europe. Energy, 2018, 161, 1016-1027.	4.5	21
27	Sustainable exploitation of mafic rock quarry waste for carbon sequestration following ball milling. Resources Policy, 2018, 59, 24-32.	4.2	10
28	In Situ Analysis of Moisture in Cement Based Materials. Smart Sensors, Measurement and Instrumentation, 2018, , 97-109.	0.4	0
29	Comparison of adobes from pre-history to-date. Journal of Archaeological Science: Reports, 2017, 12, 437-448.	0.2	15
30	Tracing the Salt Crystallization Front in Limestone Using the DRMS. Springer Series in Geomechanics and Geoengineering, 2017, , 259-266.	0.0	2
31	Effect of Straw Fiber Reinforcement on the Mechanical Properties of Adobe Bricks. , 2017, , .		11
32	The temperature variation of the water sorptivity of construction materials. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	14
33	Validation of the repair effectiveness of clay-based grout injections by lateral load testing of an adobe model building. Construction and Building Materials, 2017, 153, 174-184.	3.2	18
34	Experimental assessment of adobe masonry assemblages under monotonic and loading-unloading compression. Materials and Structures/Materiaux Et Constructions, 2017, 50, 1.	1.3	14
35	Satellite Retrievals of Karenia brevis Harmful Algal Blooms in the West Florida Shelf Using Neural Networks and Comparisons with Other Techniques. Remote Sensing, 2016, 8, 377.	1.8	23
36	The Effect of Target Difficulty on Target Completion: The Case of Reducing Carbon Emissions. Accounting Review, 2016, 91, 1467-1492.	1.7	134

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37	PCM-enhanced Lime Plasters for Vernacular and Contemporary Architecture. Energy Procedia, 2016, 97, 539-545.	1.8	22
38	Amelioration of crushed brick - lime composites using nano-additives. Cement and Concrete Composites, 2016, 68, 77-87.	4.6	26
39	On the potential use of quarry waste material for CO <sub>2</sub> sequestration. Journal of CO <sub>2</sub> Utilization, 2016, 16, 361-370.	3.3	15
40	Effect of fly ash chemical composition on the reinforcement corrosion, thermal diffusion and strength of blended cement concretes. Construction and Building Materials, 2016, 126, 86-97.	3.2	63
41	Influence of iron mill scale additive on the physico-mechanical properties and chloride penetration resistance of concrete. Advances in Cement Research, 2016, 28, 389-402.	0.7	12
42	Mind the gap: The interplay between external and internal actions in the case of corporate social responsibility. Strategic Management Journal, 2016, 37, 2569-2588.	4.7	306
43	Enhancing the rate of ex situ mineral carbonation in dunites via ball milling. Advanced Powder Technology, 2016, 27, 360-371.	2.0	30
44	Physico-mechanical properties and durability performance of natural building and decorative carbonate stones from Cyprus. Geological Society Special Publication, 2016, 416, 145-162.	0.8	13
45	Cradle to site Life Cycle Assessment (LCA) of adobe bricks. Journal of Cleaner Production, 2016, 112, 443-452.	4.6	88
46	A method to enhance the CO <sub>2</sub> storage capacity of pyroxenitic rocks. , 2015, 5, 577-591.		12
47	Carbon dioxide storage in olivine basalts: Effect of ball milling process. Powder Technology, 2015, 273, 220-229.	2.1	41
48	Micro-destructive cutting techniques for the characterization of natural limestone. International Journal of Rock Mechanics and Minings Sciences, 2015, 76, 98-103.	2.6	20
49	Micro-destructive mapping of the salt crystallization front in limestone. Engineering Geology, 2015, 193, 337-347.	2.9	26
50	Mechanical properties and durability performance of reinforced concrete containing fly ash. Construction and Building Materials, 2015, 101, 810-817.	3.2	68
51	Anticorrosive Effect of Electrochemical Manganese Dioxide By-Products in Reinforced Concrete. Journal of Materials Science and Chemical Engineering, 2015, 03, 9-20.	0.2	11
52	Presence of <i>Coxiella burnetii</i> in Fleas in Cyprus. Vector-Borne and Zoonotic Diseases, 2014, 14, 685-687.	0.6	23
53	Corporate social responsibility and access to finance. Strategic Management Journal, 2014, 35, 1-23.	4.7	2,013
54	Adobe bricks under compression: Experimental investigation and derivation of stress-strain equation. Construction and Building Materials, 2014, 53, 83-90.	3.2	97

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55	The Impact of Corporate Sustainability on Organizational Processes and Performance. <i>Management Science</i> , 2014, 60, 2835-2857.	2.4	1,397
56	Laboratory testing and finite element simulation of the structural response of an adobe masonry building under horizontal loading. <i>Engineering Structures</i> , 2014, 80, 362-376.	2.6	53
57	<i>Coxiella burnetii</i> in wildlife and ticks in an endemic area. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2014, 108, 625-631.	0.7	35
58	Algorithms for the remote estimation of chlorophyll-a in the Chesapeake Bay. <i>Proceedings of SPIE</i> , 2014, , .	0.8	4
59	Remote estimation of in water constituents in coastal waters using neural networks. <i>Proceedings of SPIE</i> , 2014, , .	0.8	5
60	Overview of the Pathology, Repair and Strengthening of Adobe Structures. <i>International Journal of Architectural Heritage</i> , 2013, 7, 165-188.	1.7	37
61	Neural network approach for the derivation of chlorophyll concentration from ocean color. <i>Proceedings of SPIE</i> , 2013, , .	0.8	8
62	Deriving ocean color products using neural networks. <i>Remote Sensing of Environment</i> , 2013, 134, 78-91.	4.6	70
63	Testing the soundness of aggregates using different methodologies. <i>Construction and Building Materials</i> , 2013, 40, 604-610.	3.2	18
64	New evidence of early use of artificial pozzolanic material in mortars. <i>Journal of Archaeological Science</i> , 2013, 40, 3263-3269.	1.2	61
65	Identification of a Novel Uncultured <i>Rickettsia</i> Species Strain ( <i>Rickettsia</i> Species Strain Tselenti) in Cyprus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 698-700.	0.6	3
66	What drives corporate social performance? The role of nation-level institutions. <i>Journal of International Business Studies</i> , 2012, 43, 834-864.	4.6	1,013
67	Murine typhus in Cyprus: a 9-year survey. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2012, 106, 489-495.	0.7	15
68	Durability performance of self-compacting concrete. <i>Construction and Building Materials</i> , 2012, 37, 320-325.	3.2	84
69	In-situ measurement of liquid phase moisture in cement mortar. <i>NDT and E International</i> , 2012, 45, 162-168.	1.7	8
70	Spotted Fever Group <i>Rickettsiae</i> in Ticks in Cyprus. <i>Microbial Ecology</i> , 2012, 63, 314-323.	1.4	62
71	Neural network approach to retrieve the inherent optical properties of the ocean from observations of MODIS. <i>Applied Optics</i> , 2011, 50, 3168.	2.1	55
72	Haemorrhagic Diathesis in a Ram with <i>Anaplasma phagocytophilum</i> Infection. <i>Journal of Comparative Pathology</i> , 2011, 144, 82-85.	0.1	8

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73	TICK-BORNE BACTERIA IN MOUFLONS AND THEIR ECTOPARASITES IN CYPRUS. <i>Journal of Wildlife Diseases</i> , 2011, 47, 300-306.	0.3	35
74	A study of the mechanical behaviour of adobe masonry. <i>WIT Transactions on the Built Environment</i> , 2011, , .	0.0	10
75	Rats as indicators of the presence and dispersal of six zoonotic microbial agents in Cyprus, an island ecosystem: a seroepidemiological study. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2010, 104, 733-739.	0.7	46
76	<i>Rickettsia typhi</i> and <i>Rickettsia felis</i> in <i>Xenopsylla cheopis</i> and <i>Leptopsylla segnis</i> Parasitizing Rats in Cyprus. <i>American Journal of Tropical Medicine and Hygiene</i> , 2010, 83, 1301-1304.	0.6	33
77	Crushed limestone as an aggregate in concrete production: the Cyprus case. <i>Geological Society Special Publication</i> , 2010, 331, 127-135.	0.8	14
78	Human Anaplasmosis and <i>Anaplasma ovis</i> Variant. <i>Emerging Infectious Diseases</i> , 2010, 16, 1031-1032.	2.0	127
79	The Effect of Locally Delivered Doxycycline in the Treatment of Chronic Periodontitis. A Clinical and Microbiological Cohort Study. <i>Journal of Oral &amp; Maxillofacial Research</i> , 2010, 1, e1.	0.3	5
80	Phylogentic analysis of <i>Anaplasma ovis</i> strains isolated from sheep and goats using groEL and mps4 genes. <i>Veterinary Microbiology</i> , 2009, 138, 394-400.	0.8	11
81	Application of the Sharp Front Model to capillary absorption in a vuggy limestone. <i>Engineering Geology</i> , 2009, 105, 20-23.	2.9	23
82	Hand instrumentation versus ultrasonic debridement in the treatment of chronic periodontitis: a randomized clinical and microbiological trial. <i>Journal of Clinical Periodontology</i> , 2009, 36, 132-141.	2.3	64
83	Carriage of <i>Rickettsia</i> spp., <i>Coxiella burnetii</i> and <i>Anaplasma</i> spp. by endemic and migratory wild birds and their ectoparasites in Cyprus. <i>Clinical Microbiology and Infection</i> , 2009, 15, 158-160.	2.8	59
84	Seroprevalence of <i>Anaplasma phagocytophilum</i> in a high-risk human population. <i>Journal of Infection</i> , 2009, 58, 87-88.	1.7	5
85	Prevalence of <i>Anaplasma</i> sp. in Goats and Sheep in Cyprus. <i>Vector-Borne and Zoonotic Diseases</i> , 2009, 9, 457-463.	0.6	46
86	Kawasaki disease and <i>Anaplasma</i> sp. infection of an infant in Cyprus. <i>International Journal of Infectious Diseases</i> , 2009, 13, e71-e73.	1.5	11
87	Adobe: an environmentally friendly construction material. <i>WIT Transactions on Ecology and the Environment</i> , 2009, , .	0.0	6
88	Use of crushed fired clay ceramics in the production of mortars. , 2009, , .		3
89	Towards more sustainable and environmentally-friendly concretes: the use of silica fume. <i>WIT Transactions on Ecology and the Environment</i> , 2009, , .	0.0	3
90	Capillary absorption of water and n-decane by autoclaved aerated concrete. <i>Cement and Concrete Research</i> , 2008, 38, 766-771.	4.6	54

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91	Water repellent influence on salt crystallisation in masonry. Proceedings of Institution of Civil Engineers: Construction Materials, 2008, 161, 17-23.	0.7	14
92	Application of UV and NIR Bands for the Advanced IOP Retrieval Algorithms in Coastal Waters. , 2008, , .		2
93	Anaplasma phagocytophilum Infection in a Child. Pediatric Infectious Disease Journal, 2008, 27, 664-666.	1.1	15
94	Spectral dependence of the bidirectional reflectance function in coastal waters and its impact on retrieval algorithms. , 2007, , .		1
95	Murine typhus in Cyprus: 21 paediatric cases. European Journal of Clinical Microbiology and Infectious Diseases, 2007, 26, 491-493.	1.3	27
96	Synchrotron radiation energy-dispersive X-ray diffraction analysis of salt distribution in LÃ©pine limestone. Analyst, The, 2005, 130, 1006.	1.7	14
97	On the role of organic adlayers in the anomalous water sorptivity of LÃ©pine limestone. Journal of Colloid and Interface Science, 2004, 279, 228-234.	5.0	26
98	Direct measurement of the wetting front capillary pressure in a clay brick ceramic. Journal Physics D: Applied Physics, 2003, 36, 3176-3182.	1.3	27
99	The Impact of Corporate Social Responsibility on Investment Recommendations. SSRN Electronic Journal, 0, , .	0.4	27
100	Corporate Social Responsibility and Access to Finance. SSRN Electronic Journal, 0, , .	0.4	48
101	The Impact of a Corporate Culture of Sustainability on Corporate Behavior and Performance. SSRN Electronic Journal, 0, , .	0.4	122
102	Pay for Environmental Performance: The Effect of Incentive Provision on Carbon Emissions. SSRN Electronic Journal, 0, , .	0.4	6
103	Do Actions Speak Louder than Words? The Case of Corporate Social Responsibility (CSR). SSRN Electronic Journal, 0, , .	0.4	9
104	Engineered Cementitious Composites for the Conservation of 20<sup>th</sup> Century Concrete Architectural Heritage. Key Engineering Materials, 0, 919, 108-120.	0.4	0