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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9157745/publications.pdf

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22	1,073	759055 12	677027 22
papers	citations	h-index	g-index

23	23	23	692
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Life cycle assessment of lightweight concrete containing recycled plastics and fly ash. European Journal of Environmental and Civil Engineering, 2022, 26, 2722-2735.	1.0	23
2	Production and compatibility assessment of denitrifying biogranules tailored for self-healing concrete applications. Cement and Concrete Composites, 2022, 126, 104344.	4.6	1
3	Compatibility and Biomineralization Oriented Optimization of Nutrient Content in Nitrate-Reducing-Biogranules-Based Microbial Self-Healing Concrete. Sustainability, 2021, 13, 8990.	1.6	4
4	Microbially Induced Desaturation and Carbonate Precipitation through Denitrification: A Review. Applied Sciences (Switzerland), 2021, 11, 7842.	1.3	15
5	The effect of chemical- versus microbial-induced calcium carbonate mineralization on the enhancement of fine recycled concrete aggregate: A comparative study. Journal of Building Engineering, 2021, 44, 103316.	1.6	4
6	Self-Healing Performance of Biogranule Containing Microbial Self-Healing Concrete Under Intermittent Wet/Dry Cycles. Journal of Polytechnic, 2021, 24, 323-332.	0.4	4
7	Surface Consolidation of Maastricht Limestone by Means of Bacillus Sphaericus under Varying Treatment Conditions. Journal of Materials in Civil Engineering, 2020, 32, 04020342.	1.3	7
8	Production of concrete compatible biogranules for self-healing concrete applications. MATEC Web of Conferences, 2019, 289, 01002.	0.1	7
9	Durability of self-healing concrete. MATEC Web of Conferences, 2019, 289, 01003.	0.1	8
10	Overlooked Strategies in Exploitation of Microorganisms in the Field of Building Materials. Ecowise, 2019, , 19-45.	0.1	10
11	Volume Fraction, Thickness, and Permeability of the Sealing Layer in Microbial Self-Healing Concrete Containing Biogranules. Frontiers in Built Environment, 2018, 4, .	1.2	20
12	Nitrite producing bacteria inhibit reinforcement bar corrosion in cementitious materials. Scientific Reports, 2018, 8, 14092.	1.6	27
13	Impact of air entraining admixtures on biogenic calcium carbonate precipitation and bacterial viability. Cement and Concrete Research, 2017, 98, 44-49.	4.6	64
14	Enhanced crack closure performance of microbial mortar through nitrate reduction. Cement and Concrete Composites, 2016, 70, 159-170.	4.6	138
15	Nitrate reducing CaCO3 precipitating bacteria survive in mortar and inhibit steel corrosion. Cement and Concrete Research, 2016, 83, 19-30.	4.6	122
16	Application of microorganisms in concrete: a promising sustainable strategy to improve concrete durability. Applied Microbiology and Biotechnology, 2016, 100, 2993-3007.	1.7	146
17	Bio-Based Self-Healing Concrete: From Research to Field Application. Advances in Polymer Science, 2016, , 345-385.	0.4	44
18	Self-protected nitrate reducing culture for intrinsic repair of concrete cracks. Frontiers in Microbiology, 2015, 6, 1228.	1.5	75

#	Article	IF	Citations
19	Microbially induced CaCO3 precipitation through denitrification: An optimization study in minimal nutrient environment. Biochemical Engineering Journal, 2015, 101, 108-118.	1.8	148
20	Screening of bacteria and concrete compatible protection materials. Construction and Building Materials, 2015, 88, 196-203.	3.2	176
21	The effect of seed sludge type on aerobic granulation via anoxicâ€“aerobic operation. Environmental Technology (United Kingdom), 2014, 35, 2928-2939.	1.2	10
22	The effects of aerobic/anoxic period sequence on aerobic granulation and COD/N treatment efficiency. Bioresource Technology, 2013, 148, 149-156.	4.8	18