

# Ofelia Cornelia Corbu

## List of Publications by Year in descending order

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26  
papers

195  
citations

1307594

7  
h-index

1199594

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g-index

26  
all docs

26  
docs citations

26  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Eco-efficient cementitious composites with large amounts of waste glass and plastic. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2022, 175, 64-74.	0.7	4
2	Study on the Durability of Road Concrete with Blast Furnace Slag Affected by the Corrosion Initiated by Chloride. Advances in Civil Engineering, 2021, 2021, 1-16.	0.7	3
3	Freeze-Thaw Effect on Road Concrete Containing Blast Furnace Slag: NMR Relaxometry Investigations. Materials, 2021, 14, 3288.	2.9	14
4	Revealing the Influence of Microparticles on Geopolymers™ Synthesis and Porosity. Materials, 2020, 13, 3211.	2.9	32
5	Influence of Blast Furnace Slag on the Durability Characteristic of Road Concrete Such as Freeze-Thaw Resistance. Procedia Manufacturing, 2020, 46, 194-201.	1.9	10
6	Influence of slag powder in the cement mortar mixes on the characteristics of compactness and freeze-thaw strength. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012013.	0.6	0
7	Study to achieving a class of road concrete with slag powder addition at the cement mass and substitution with artificial aggregates. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012067.	0.6	1
8	Impact of incorporation of volcanic ash on geopolymerization of eco-friendly geopolymer composites: A review. IOP Conference Series: Materials Science and Engineering, 2019, 572, 012001.	0.6	8
9	Synthesis and Characteristics of Local Fly Ash Based Geopolymers Mixed with Natural Aggregates. Revista De Chimie (discontinued), 2019, 70, 1262-1267.	0.4	43
10	Mixed Wooden-Concrete Piles: A Solution for Structures Located Near Saltwater Lakes. IOP Conference Series: Materials Science and Engineering, 2018, 374, 012078.	0.6	1
11	STUDIES BASED ON CEMENT MORTAR COMPOSITES WITH BLAST FURNACE SLAG POWDER AND ULTRAFINE SILICA. , 2018, , .		1
12	THE EFFECT OF RECYCLED BLAST FURNACE SLAG WASTE ON THE CHARACTERISTICS AND DURABILITY OF CEMENT-BASED MORTARS. , 2018, , .		0
13	SUSTAINABLE SELF-CONSOLIDATING CONCRETE MIXTURE DEVELOPMENT FOR USE IN PREFABRICATED CONCRETE NEW JERSEY BARRIERS. , 2018, , .		0
14	Performance and Characterization of Geopolymer Concrete Reinforced with Short Steel Fiber. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012038.	0.6	24
15	Steel Concrete Materials Performance in Composite Joints Configuration. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012103.	0.6	0
16	Corrosion Evaluation of Some Phosphated Thin Layers on Reinforcing Steel. IOP Conference Series: Materials Science and Engineering, 2017, 209, 012025.	0.6	1
17	UNCONVENTIONAL MORTARS WITH RECYCLED CATHODE RAY TUBES WASTE GLASS. Environmental Engineering and Management Journal, 2015, 14, 2661-2670.	0.6	4
18	OPPORTUNITIES FOR INCREASING THE RECYCLING RATE OF MINERAL WASTE IN CONSTRUCTION INDUSTRY. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
19	SELF-COMPACTING CONCRETE WITH WASTE POWDERS. , 2015, , .		0
20	Construction waste disposal practices: the recycling and recovery of waste. WIT Transactions on Ecology and the Environment, 2014, , .	0.0	9
21	ECOLOGICAL COMPOSITE WITH GLASS FROM WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT CONTENT. , 2014, , .		3
22	OPPORTUNITIES FOR BUILDING MATERIALS WASTE RECYCLING. , 2014, , .		2
23	RECYCLING AND WASTE RECOVERY IN THE CONSTRUCTION FIELD. , 2014, , .		1
24	ECOLOGICAL CONCRETE BY USE OF WASTE GLASS. , 2013, , .		6
25	The Pozzoolanic Activity Level of Powder Waste Glass in Comparisons with other Powders. Key Engineering Materials, 0, 660, 237-243.	0.4	18
26	New Concrete with Recycled Aggregates from Leftover Concrete. Applied Mechanics and Materials, 0, 754-755, 389-394.	0.2	8