

# Diana Bajare

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,284  
citations

430442

18  
h-index

360668

35  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodeterioration of Sustainable Hemp Shive Biocomposite Based on Gypsum and Phosphogypsum. <i>Journal of Natural Fibers</i> , 2022, 19, 10550-10563.	1.7	5
2	Environmental Benefit of Alternative Binders in Construction Industry: Life Cycle Assessment. <i>Environments - MDPI</i> , 2022, 9, 6.	1.5	13
3	Processing of Gypsum Construction and Demolition Waste and Properties of Secondary Gypsum Binder. <i>Recycling</i> , 2022, 7, 30.	2.3	10
4	The Influence of Zeolitic By-Product Containing Ammonium Ions on Properties of Hardened Cement Paste. <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 123.	0.8	5
5	Alkali-Activated Zeolite 4A Granules Characterization and Suitability Assessment for the Application of Adsorption. <i>Crystals</i> , 2021, 11, 360.	1.0	2
6	Evaluation of Methodologies for Assessing Self-Healing Performance of Concrete with Mineral Expansive Agents: An Interlaboratory Study. <i>Materials</i> , 2021, 14, 2024.	1.3	29
7	Evaluation of Heating and Cooling Loads for a Well-Insulated Single-Family House under Variable Climate Pattern. <i>Environmental and Climate Technologies</i> , 2021, 25, 750-763.	0.5	6
8	Micro-scale modeling-based approach for calculation of thermal conductivity of bio-based building composite. <i>AIP Conference Proceedings</i> , 2021, , .	0.3	2
9	A review of the legal framework in shallow geothermal energy in selected European countries: Need for guidelines. <i>Renewable Energy</i> , 2020, 147, 2556-2571.	4.3	62
10	Evaluation of Industrial by-products as pozzolans: A road map for use in concrete production. <i>Case Studies in Construction Materials</i> , 2020, 13, e00424.	0.8	18
11	Novel Mycelium-Based Biocomposites (MBB) as Building Materials. <i>Journal of Renewable Materials</i> , 2020, 8, 1067-1076.	1.1	27
12	Gypsum, Geopolymers, and Starch Alternative Binders for Bio-Based Building Materials: A Review and Life-Cycle Assessment. <i>Sustainability</i> , 2020, 12, 5666.	1.6	51
13	Properties of Foamed Lightweight High-Performance Phosphogypsum-Based Ternary System Binder. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6222.	1.3	20
14	Low-Calcium, Porous, Alkali-Activated Materials as Novel pH Stabilizers for Water Media. <i>Minerals (Basel, Switzerland)</i> , 2020, 10, 935.	0.8	4
15	Addressing the need for standardization of test methods for self-healing concrete: an inter-laboratory study on concrete with macrocapsules. <i>Science and Technology of Advanced Materials</i> , 2020, 21, 661-682.	2.8	50
16	Fast Setting Binders for Application in 3D Printing of Bio-Based Building Materials. <i>Sustainability</i> , 2020, 12, 8838.	1.6	14
17	Metals removal from aqueous solutions by tailored porous waste-based granulated alkali-activated materials. <i>Applied Clay Science</i> , 2019, 179, 105147.	2.6	38
18	Experimental testing of phase change materials in a warm-summer humid continental climate. <i>Energy and Buildings</i> , 2019, 195, 205-215.	3.1	27

#	ARTICLE	IF	CITATIONS
19	Alkali-Activated Metakaolin as a Zeolite-Like Binder for the Production of Adsorbents. <i>Inorganics</i> , 2019, 7, 141.	1.2	12
20	Comparative life cycle assessment of magnesium binders as an alternative for hemp concrete. <i>Resources, Conservation and Recycling</i> , 2018, 133, 288-299.	5.3	82
21	Applicability of freeze-thaw resistance testing methods for high strength concrete at extreme $\sim 52.5^{\circ}\text{C}$ and standard $\sim 18^{\circ}\text{C}$ testing conditions. <i>Case Studies in Construction Materials</i> , 2018, 8, 139-149.	0.8	12
22	Clean vs. Green: Redefining renewable energy. Evidence from Latvia, Lithuania, and Romania. <i>Renewable Energy</i> , 2018, 121, 412-419.	4.3	24
23	Bio-based construction panels for low carbon development. <i>Energy Procedia</i> , 2018, 147, 220-226.	1.8	24
24	In-situ measurements of hemp-lime insulation materials for energy efficiency improvement. <i>Energy Procedia</i> , 2018, 147, 242-248.	1.8	9
25	Technological properties of phosphogypsum binder obtained from fertilizer production waste. <i>Energy Procedia</i> , 2018, 147, 301-308.	1.8	33
26	A Review of Self-Healing Concrete for Damage Management of Structures. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800074.	1.9	412
27	Porous alkali activated materials with slow alkali release dynamic. Role of composition. <i>Materiales De Construccion</i> , 2018, 68, 145.	0.2	3
28	Impact of reactive $\text{SiO}_2/\text{Al}_2\text{O}_3$ ratio in precursor on durability of porous alkali activated materials. <i>Ceramics International</i> , 2017, 43, 5471-5477.	2.3	39
29	The use of different by-products in the production of lightweight alkali activated building materials. <i>Construction and Building Materials</i> , 2017, 135, 315-322.	3.2	51
30	Effect of Pozzolanic Additives on the Strength Development of High Performance Concrete. <i>Procedia Engineering</i> , 2017, 172, 202-210.	1.2	57
31	Compressive Strength of Cement Mortar Affected by Sand Microfiller Obtained with Collision Milling in Disintegrator. <i>Procedia Engineering</i> , 2017, 172, 149-156.	1.2	14
32	Unconventional experimental technologies used for phase change materials (PCM) characterization: part 2 – morphological and structural characterization, physico-chemical stability and mechanical properties. <i>Renewable and Sustainable Energy Reviews</i> , 2015, 43, 1415-1426.	8.2	33
33	The Effect of Activator on the Properties of Low-Calcium Alkali-Activated Mortars. <i>Key Engineering Materials</i> , 2014, 604, 169-172.	0.4	6
34	The Formation of Microstructure in High Strength Concrete Containing Micro and Nanosilica. <i>Key Engineering Materials</i> , 2014, 604, 83-86.	0.4	10
35	Alkaline Activated Material for pH Control in Biotechnologies. <i>Key Engineering Materials</i> , 2014, 604, 223-226.	0.4	10
36	Coal Combustion Bottom Ash as Microfiller with Pozzolanic Properties for Traditional Concrete. <i>Procedia Engineering</i> , 2013, 57, 149-158.	1.2	55

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37	The Properties of Mineral Additives Obtained by Collision Milling in Disintegrator. Key Engineering Materials, 0, 721, 327-331.	0.4	7
38	Durability of High Strength Self Compacting Concrete with Metakaolin Containing Waste. Key Engineering Materials, 0, 674, 65-70.	0.4	6
39	The workability kinetics of phosphogypsum binder. , 0, , .		2
40	INVESTIGATION OF SOCIAL OPINION ON GREEN LIFESTYLE, ECO-FRIENDLY BUILDINGS AND SAVING OF RESOURCES. EMPIRICAL RESEARCH. , 0, , .		0