

# Deepti Mishra

## List of Publications by Year in descending order

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15  
papers

228  
citations

840776

11  
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996975

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15  
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docs citations

15  
times ranked

97  
citing authors

#	ARTICLE	IF	CITATIONS
1	Green conversion of hazardous red mud into diagnostic X-ray shielding tiles. <i>Journal of Hazardous Materials</i> , 2022, 424, 127507.	12.4	20
2	Progress in fabrication and manufacturing of sodium aluminosilicate materials (geopolymers) as protective coating materials: A review. <i>Journal of Polymer Research</i> , 2022, 29, .	2.4	3
3	Multifaceted geopolymer coating: Material development, characterization and study of long term anti-corrosive properties. <i>Microporous and Mesoporous Materials</i> , 2021, 317, 110995.	4.4	16
4	Metal-polymer composites for radiation protection: a review. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	35
5	Novel non-hydroxyl synthesis and fabrication of advanced hybrid inorganic-organic geopolymeric coating material for corrosion protection. <i>International Journal of Adhesion and Adhesives</i> , 2021, 110, 102951.	2.9	2
6	Corrosion and Fire Protective Behavior of Advanced Phosphatic Geopolymeric Coating on Mild Steel Substrate. <i>Silicon</i> , 2020, 12, 487-500.	3.3	19
7	Multinuclear MAS <sup>27</sup> Al NMR Characterization of Fly Ash Based Advanced Sodium Aluminosilicate Geopolymer: Exploring Solid State Reactions. <i>ChemistrySelect</i> , 2020, 5, 4920-4927.	1.5	13
8	Quadrifunctionality Variation of Aluminosilicate Silicon Nucleus on Solid State Geopolymerisation Observed by <sup>29</sup> Si Magic Angle Spinning Nuclear Magnetic Resonance Studies. <i>Silicon</i> , 2019, 11, 2127-2133.	3.3	4
9	Development and Characterization of Inorganic-Organic (Si-O-Al) Hybrid Geopolymeric Precursors via Solid State Method. <i>Silicon</i> , 2019, 11, 221-232.	3.3	17
10	<sup>27</sup> Al NMR MAS Spectral Studies Inferring the Initiation of Geopolymerization Reaction on Together Mechanochemical Grinding of Raw Materials. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 485-489.	1.4	4
11	Facile and controlled synthesis of copper sulfide nanostructures of varying morphology. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5597-5602.	2.2	11
12	Studies on fly ash based geopolymeric material for coating on mild steel by paint brush technique. <i>International Journal of Adhesion and Adhesives</i> , 2017, 75, 139-144.	2.9	24
13	Synthesis of advanced phosphatic geopolymers utilizing fly ash by way of greener route. <i>Emerging Materials Research</i> , 2017, 6, 168-177.	0.7	11
14	Evolution of advanced geopolymeric cementitious material via a novel process. <i>Advances in Cement Research</i> , 2017, 29, 125-134.	1.6	19
15	Formulation of Mechanochemically Evolved Fly Ash Based Hybrid Inorganic-Organic Geopolymers with Multilevel Characterization. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2017, 27, 385-398.	3.7	30