Nakshatra Singh

List of Publications by Year
in descending order

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Version: 2024-02-01

50 papers	3,025 citations	201385 27 h-index	197535 49 g-index
50 all docs	50 docs citations	50 times ranked	2938 citing authors

#	Article	IF	Citations
1	Tin Doped Barium Titanate (BaTiO3) Synthesized through Molten Salt Method as Promising Dielectric Material. Asian Journal of Chemistry, 2021, 33, 2212-2218.	0.1	1
2	Graphene Oxide-Polyaniline Coating on Ionic Polymer Blend Membrane for Actuation. Asian Journal of Chemistry, 2021, 33, 2509-2513.	0.1	0
3	Applications of Green Synthesized Nanomaterials in Water Remediation. Current Pharmaceutical Biotechnology, 2021, 22, 733-761.	0.9	9
4	Green Synthesis and Applications of Nanomaterials. Current Pharmaceutical Biotechnology, 2021, 22, 1705-1747.	0.9	20
5	Geopolymers as an alternative to Portland cement: An overview. Construction and Building Materials, 2020, 237, 117455.	3.2	336
6	Multifunctional and fluorine-free superhydrophobic composite coating based on PDMS modified MWCNTs/ZnO with self-cleaning, oil-water separation, and flame retardant properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 597, 124776.	2.3	70
7	Effect of nanomaterials on the properties of geopolymer mortars and concrete. Materials Today: Proceedings, 2018, 5, 9035-9040.	0.9	48
8	Nanoparticles as feed supplement on Growth behaviour of Cultured Catfish (Clarias gariepinus) fingerlings. Materials Today: Proceedings, 2018, 5, 9076-9081.	0.9	27
9	Preparation, Characterization, Properties and Applications of nano Zinc Ferrite. Materials Today: Proceedings, 2018, 5, 9148-9155.	0.9	35
10	Preparation and characterization of zinc ferriteâ€"Polyaniline nanocomposite for removal of rhodamine B dye from aqueous solution. Environmental Nanotechnology, Monitoring and Management, 2018, 9, 154-163.	1.7	29
11	Influence of alkali solutions on properties of pond fly ash-based geopolymer mortar cured under different conditions. Advances in Cement Research, 2018, 30, 1-7.	0.7	14
12	Fly Ash-Based Geopolymer Binder: A Future Construction Material. Minerals (Basel, Switzerland), 2018, 8, 299.	0.8	137
13	Durability of fly ash based geopolymer concrete in the presence of silica fume. Journal of Cleaner Production, 2017, 149, 1062-1067.	4.6	197
14	Nanoscience of Cement and Concrete. Materials Today: Proceedings, 2017, 4, 5478-5487.	0.9	71
15	Fire Resistant Properties of Alumino Silicate Geopolymer cement Mortars. Materials Today: Proceedings, 2017, 4, 5605-5612.	0.9	45
16	Recent developments in conducting polymer based composites for sensing devices. Materials Today: Proceedings, 2017, 4, 5672-5681.	0.9	33
17	Water purification by polymer nanocomposites: an overview. Nanocomposites, 2017, 3, 47-66.	2.2	194
18	Nanocomposites: an overview. Emerging Materials Research, 2016, 5, 5-43.	0.4	26

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19	Effect of silica fume on the mechanical properties of fly ash based-geopolymer concrete. Ceramics International, 2016, 42, 3000-3006.	2.3	221
20	Removal of toxic hexavalent chromium from aqueous solution by nickel ferrite-polyaniline nanocomposite. Desalination and Water Treatment, 2016, 57, 17757-17766.	1.0	24
21	Mechanical properties of alkali activated flyash/Kaolin based geopolymer concrete. Construction and Building Materials, 2015, 98, 685-691.	3.2	126
22	Fly ash/Kaolin based geopolymer green concretes and their mechanical properties. Data in Brief, 2015, 5, 739-744.	0.5	34
23	Zinc ferriteâ€“PVA nanocomposite and removal of chromium from aqueous solution. Emerging Materials Research, 2014, 3, 222-229.	0.4	7
24	Potential production of bioenergy from biomass in an Indian perspective. Renewable and Sustainable Energy Reviews, 2014, 39, 65-78.	8.2	62
25	Fast ion conducting phosphate glasses and glass ceramic composites: Promising materials for solid state batteries. Journal of Non-Crystalline Solids, 2012, 358, 2841-2846.	1.5	29
26	Hydration of multicomponent composite cement: OPC-FA-SF-MK. Construction and Building Materials, 2012, 36, 681-686.	3.2	19
27	Phase equilibria and molecular interaction studies on (naphthols+vanillin) systems. Journal of Chemical Thermodynamics, 2012, 48, 291-299.	1.0	22
28	Combined effect of sodium sulphate and superplasticizer on the hydration of fly ash blended PortlandÂ® cement. Materials Research, 2010, 13, 177-183.	0.6	12
29	Phase Equilibria, Crystallization, and Microstructural Studies of Naphthalen-2-ol + 1,3-Dinitrobenzene. Journal of Chemical & Engineering Data, 2010, 55, 4206-4210.	1.0	12
30	Solidification Behavior of the Benzamide + O-Chlorobenzoic Acid Eutectic System. Journal of Chemical & Engineering Data, 2009, 54, 1529-1536.	1.0	20
31	Computer simulation, thermodynamic and microstructural studies of benzamideâ€“benzoic acid eutectic system. Journal of Crystal Growth, 2008, 310, 2878-2884.	0.7	36
32	Phase equillibria and solidification behaviour in the vanillinâ€“p-anisidine system. Journal of Crystal Growth, 2008, 311, 118-122.	0.7	18
33	Portland cement hydration in the presence of admixtures: black gram pulse and superplasticizer. Materials Research, 2008, 11, 427-431.	0.6	16
34	Calcium sulphate hemihydrate hydration leading to gypsum crystallization. Progress in Crystal Growth and Characterization of Materials, 2007, 53, 57-77.	1.8	397
35	Hydrothermal synthesis of Î²-dicalcium silicate (Î²-Ca2SiO4). Progress in Crystal Growth and Characterization of Materials, 2006, 52, 77-83.	1.8	49
36	Examination of Portland cement paste hydrated in the presence of malic acid. Cement and Concrete Research, 2004, 34, 455-462.	4.6	18

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37	Formation of copper oxide through NaNO3â€“KNO3 eutectic melt and its catalytic activity in the decomposition of ammonium perchlorate. Thermochimica Acta, 2002, 390, 67-72.	1.2	45
38	Highly Reactive ?-Dicalcium Silicate. Journal of the American Ceramic Society, 2002, 85, 2171-2176.	1.9	19
39	Effect of lignosulfonate, calcium chloride and their mixture on the hydration of RHA-blended portland cement. Cement and Concrete Research, 2002, 32, 387-392.	4.6	44
40	Hydration of bagasse ash-blended portland cement. Cement and Concrete Research, 2000, 30, 1485-1488.	4.6	177
41	Hydration of portland blended cements. Cement and Concrete Research, 1995, 25, 1023-1030.	4.6	7
42	Effect of alkali bypass dust on the hydration of granulated blast furnace slag blended cement. Cement and Concrete Research, 1995, 25, 883-892.	4.6	13
43	Organic solid state reactivity. Tetrahedron, 1994, 50, 6441-6493.	1.0	82
44	Effect of superplasticizers on the hydration of cement. Cement and Concrete Research, 1992, 22, 725-735.	4.6	31
45	Effect of citric acid on the hydration of portland cement. Cement and Concrete Research, 1986, 16, 911-920.	4.6	50
46	Effect of lactic acid on the hydration of portland cement. Cement and Concrete Research, 1986, 16, 545-553.	4.6	33
47	Effect of calcium formate on the hydration of tricalcium silicate. Cement and Concrete Research, 1983, 13, 619-625.	4.6	22
48	Organic solid-state reactions. Journal of Solid State Chemistry, 1977, 20, 191-200.	1.4	32
49	Effect of gluconates on the hydration of cement. Cement and Concrete Research, 1976, 6, 455-460.	4.6	42
50	Influence of calcium gluconate with calcium chloride or glucose on the hydration of cements. Cement and Concrete Research, 1975, 5, 545-550.	4.6	14