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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

39 papers	692 citations	16 h-index	26 g-index
42 ext. papers	830 ext. citations	4.3 avg, IF	4.22 L-index

#	Paper	IF	Citations
39	Nano-MgO reinforced chitosan nanocomposites for high performance packaging applications with improved mechanical, thermal and barrier properties. <i>Carbohydrate Polymers</i> , 2017 , 157, 739-747	10.3	117
38	Facile synthesis of both needle-like and spherical hydroxyapatite nanoparticles: effect of synthetic temperature and calcination on morphology, crystallite size and crystallinity. <i>Materials Science and Engineering C</i> , 2014 , 42, 83-90	8.3	64
37	Drug-Loaded Halloysite Nanotube-Reinforced Electrospun Alginate-Based Nanofibrous Scaffolds with Sustained Antimicrobial Protection. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 33913-33922	9.5	43
36	Photocatalytic activity of electrospun MgO nanofibres: Synthesis, characterization and applications. <i>Materials Research Bulletin</i> , 2018 , 99, 204-210	5.1	37
35	Preparation of bone-implants by coating hydroxyapatite nanoparticles on self-formed titanium dioxide thin-layers on titanium metal surfaces. <i>Materials Science and Engineering C</i> , 2016 , 63, 172-84	8.3	35
34	Magnesium Oxide Nanoparticles Reinforced Electrospun Alginate-Based Nanofibrous Scaffolds with Improved Physical Properties. <i>International Journal of Biomaterials</i> , 2017 , 2017, 1391298	3.2	34
33	Precipitated calcium carbonate/poly(methyl methacrylate) nanocomposite using dolomite: Synthesis, characterization and properties. <i>Powder Technology</i> , 2013 , 235, 628-632	5.2	33
32	Nanocrystalline magnesium oxide from dolomite via poly(acrylate) stabilized magnesium hydroxide colloids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 443, 201-208	5.1	31
31	Preparation of amorphous calcium carbonate nanoparticles from impure dolomitic marble with the aid of poly(acrylic acid) as a stabilizer. <i>Advanced Powder Technology</i> , 2014 , 25, 591-598	4.6	30
30	Carbon quantum dots-decorated nano-zirconia: A highly efficient photocatalyst. <i>Applied Catalysis A: General</i> , 2019 , 570, 23-30	5.1	29
29	Urea-assisted synthesis of hydroxyapatite nanorods from naturally occurring impure apatite rocks for biomedical applications. <i>RSC Advances</i> , 2017 , 7, 24806-24812	3.7	27
28	Formation of hollow bone-like morphology of calcium carbonate on surfactant/polymer templates. <i>Journal of Crystal Growth</i> , 2014 , 392, 52-59	1.6	22
27	Graphite intercalated polyaniline composite with superior anticorrosive and hydrophobic properties, as protective coating material on steel surfaces. <i>Applied Surface Science</i> , 2017 , 410, 445-453	6.7	20
26	Convenient routes to synthesize uncommon vaterite nanoparticles and the nanocomposites of alkyd resin/polyaniline/vaterite: The latter possessing superior anticorrosive performance on mild steel surfaces. <i>Electrochimica Acta</i> , 2014 , 117, 460-469	6.7	19
25	Preparation and characterization of mesoporous hydroxyapatite with non-cytotoxicity and heavy metal adsorption capacity. <i>New Journal of Chemistry</i> , 2018 , 42, 10271-10278	3.6	18
24	Surfactant assisted synthesis of precipitated calcium carbonate nanoparticles using dolomite: Effect of pH on morphology and particle size. <i>Advanced Powder Technology</i> , 2020 , 31, 269-278	4.6	17
23	Synthesis of high purity calcium carbonate micro- and nano-structures on polyethylene glycol templates using dolomite. <i>Crystal Research and Technology</i> , 2016 , 51, 207-214	1.3	15

22	Facile and low-cost synthesis of pure hematite (FeO) nanoparticles from naturally occurring laterites and their superior adsorption capability towards acid-dyes.. <i>RSC Advances</i> , 2019 , 9, 21249-21257	3.7	14
21	Synthesis of a hydroxyapatite/poly(methyl methacrylate) nanocomposite using dolomite. <i>Nanoscale Advances</i> , 2019 , 1, 86-88	5.1	14
20	Fabrication of ZnO nanoarchitected fluorine-free robust superhydrophobic and UV shielding polyester fabrics for umbrella canopies.. <i>RSC Advances</i> , 2018 , 8, 31406-31413	3.7	11
19	Synthesis of calcium carbonate microcapsules as self-healing containers.. <i>RSC Advances</i> , 2019 , 9, 23666-23677	3.7	10
18	Effect of networked hybridized nanoparticle reinforcement on the thermal conductivity and mechanical properties of natural rubber composites.. <i>RSC Advances</i> , 2019 , 9, 636-644	3.7	7
17	Surfactant-assisted synthesis of pure calcium carbonate nanoparticles from Sri Lankan dolomite. <i>Journal of the National Science Foundation of Sri Lanka</i> , 2014 , 42, 247	1.6	5
16	Low-temperature thermocatalytic particulate carbon decomposition via urea solution-combustion derived CeO ₂ nanostructures. <i>Journal of Rare Earths</i> , 2021 , 39, 67-74	3.7	5
15	Sunlight active U ₃ O ₈ @ZnO nanocomposite superfast photocatalyst: synthesis, characterization and application. <i>Nanoscale Advances</i> , 2019 , 1, 481-485	5.1	4
14	Akaganeite nanorices deposited muscovite mica surfaces as sunlight active green photocatalyst. <i>Royal Society Open Science</i> , 2019 , 6, 182212	3.3	4
13	Synthesis of Hematite Nanodiscs from Natural Laterites and Investigating Their Adsorption Capability of Removing Ni ²⁺ and Cd ²⁺ Ions from Aqueous Solutions. <i>Journal of Composites Science</i> , 2020 , 4, 57	3	4
12	Current review on the utilization of nanoparticles for ceramic matrix reinforcement 2020 , 345-367		4
11	Facile fabrication of fluoro-polymer self-assembled ZnO nanoparticles mediated, durable and robust omniphobic surfaces on polyester fabrics. <i>Journal of Fluorine Chemistry</i> , 2020 , 235, 109565	2.1	4
10	Filler matrix interfaces of inorganic/biopolymer composites and their applications 2020 , 95-112		3
9	Eco-Friendly, Green Packaging Materials from Akaganeite and Hematite Nanoparticle-Reinforced Chitosan Nanocomposite Films. <i>Journal of Nanomaterials</i> , 2019 , 2019, 1-11	3.2	3
8	Combined Zr and Y phosphate coatings reinforced with chemically anchored B ₂ O ₃ for the oxidation inhibition of carbon fiber. <i>Materialia</i> , 2021 , 15, 100984	3.2	3
7	Synthesis of low-cost magnetite nano-architectures from Sri Lankan laterites 2021 , 21, 91		2
6	Industrial and environmental significance of photonic zirconia nanoflakes: Influence of boron doping on structure and band states. <i>Journal of Industrial and Engineering Chemistry</i> , 2021 , 95, 203-214	6.3	2
5	Cost effective, industrially viable production of Fe ₂ O ₃ nanoparticles from laterites and its adsorption capability. <i>Materials Research Express</i> , 2019 , 6, 105077	1.7	1

- 4 Fabrication of multifunctional smart polyester fabric via electrochemical deposition of ZnO nano-/microhierarchical structures. *Journal of Coatings Technology Research*, 1 0
- 3 Surfactant/Citrate Assisted Synthesis of Calcium Carbonate Nanostructures from Natural Calcite. *Lecture Notes in Civil Engineering*, **2021**, 291-301 0.3
- 2 Urea-Assisted Synthesis of Nanospherical and Plate-Like Magnesium Oxides for Efficient Removal of Reactive Dye Wastes. *Journal of Nanomaterials*, **2020**, 2020, 1-10 3.2
- 1 Laterite and its potential as an alternative-bauxite. *Cleaner Materials*, **2021**, 1, 100016