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List of Publications by Year in descending order

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52
papers

857
citations

471509

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52
all docs

52
docs citations

52
times ranked

1155
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effect of weather in Dfb climate subtype on properties of hydrophobic coatings on sandstone. <i>Journal of Building Engineering</i> , 2022, 52, 104383.	3.4	1
2	Simple and fast method for determination of preferred crystallographic orientation of nanoparticles: A study on ZnS/kaolinite nanocomposite. <i>Applied Surface Science</i> , 2021, 544, 148966.	6.1	2
3	Polypyrrole/montmorillonite and polypyrrole/ghassoul intercalates as a source of graphite and multi-layer graphene: Preparation of nanocomposites exhibiting strongly anisotropic electrical conductivity. <i>Materials Research Bulletin</i> , 2021, 142, 111429.	5.2	4
4	Easy and low-cost preparation method of magnetic montmorillonite/FexOy composite: initial study for future applications. <i>Monatshefte FÃ¼r Chemie</i> , 2020, 151, 1-10.	1.8	7
5	Preparation of highly wettable coatings on Ti-6Al-4V ELI alloy for traumatological implants using micro-arc oxidation in an alkaline electrolyte. <i>Scientific Reports</i> , 2020, 10, 19780.	3.3	31
6	Electrospinning of Fibrous Layers Containing an Antibacterial Chlorhexidine/Kaolinite Composite. <i>ACS Applied Bio Materials</i> , 2020, 3, 3028-3038.	4.6	10
7	Phytotoxicity of ZnO/kaolinite nanocompositeâ€”is anchoring the right way to lower environmental risk?. <i>Environmental Science and Pollution Research</i> , 2019, 26, 22069-22081.	5.3	4
8	Structural, magnetic, optical, and magneto-optical properties of CoFe2O4 thin films fabricated by a chemical approach. <i>Materials Research Bulletin</i> , 2019, 117, 96-102.	5.2	19
9	Photoactive and hydrophobic nano-ZnO/poly(alkyl siloxane) coating for the protection of sandstone. <i>Construction and Building Materials</i> , 2019, 199, 549-559.	7.2	20
10	Ti and Zn Content in Moss Shoots After Exposure to TiO2 and ZnO Nanoparticles: Biomonitoring Possibilities. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 102, 218-223.	2.7	6
11	Stevensite-Rich Moroccan Clay Intercalated by Polypyrrole: Towards the Enhancement of Electrical Conductivity. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2821-2832.	0.9	2
12	Effect of montmorillonite/polypyrrole ratio and oxidizing agent on structure and electrical conductivity of intercalated nanocomposites. <i>Applied Clay Science</i> , 2019, 168, 459-468.	5.2	6
13	Photoactive and Non-Hazardous Kaolinite/ZnO Nanocomposite: Characterization and Reproducibility of the Preparation Process. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2862-2868.	0.9	2
14	Determination of Oxidative Potential Caused by Brake Wear Debris in Non-Cellular Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 2869-2875.	0.9	5
15	Magnetic modification of Ghassoul. <i>Materials Today: Proceedings</i> , 2018, 5, S45-S51.	1.8	2
16	Modification of microwave assisted preparation of FexOy nanoparticles. <i>Materials Today: Proceedings</i> , 2018, 5, S52-S60.	1.8	2
17	Nanocomposite Kaolin/TiO2 as a Possible Functional Filler in Automotive Brake Pads. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	2.7	4
18	Microstructural Analysis and Magnetic Characterization of Native and Magnetically Modified Montmorillonite and Vermiculite. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	2.7	5

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19	Effects of binder choice in converter and blast furnace sludge briquette preparation: Environmental and practical implications. <i>Waste Management</i> , 2018, 79, 30-37.	7.4	17
20	On the stability of alkali metal promoters in Co mixed oxides during direct NO catalytic decomposition. <i>Molecular Catalysis</i> , 2017, 428, 33-40.	2.0	22
21	Catalytic activity of cobalt grafted on ordered mesoporous silica materials in N ₂ O decomposition and CO oxidation. <i>Molecular Catalysis</i> , 2017, 437, 57-72.	2.0	13
22	Photoactive and non-hazardous kaolin/ZnO composites prepared by calcination of sodium zinc carbonate. <i>Applied Clay Science</i> , 2017, 143, 345-353.	5.2	8
23	Release of volatile organic compounds by oxidative wear of automotive friction materials. <i>Wear</i> , 2017, 376-377, 705-716.	3.1	28
24	Testing the stability of magnetic iron oxides/kaolinite nanocomposite under various pH conditions. <i>Journal of Solid State Chemistry</i> , 2017, 253, 329-335.	2.9	14
25	Effects of Continuous and Pulsating Water Jet on CNT/Concrete Composite. <i>Strojnicki Vestnik/Journal of Mechanical Engineering</i> , 2017, 63, 583-589.	1.1	11
26	Leaching test for calcined kaolinite and kaolinite/TiO ₂ photoactive composite. <i>Chemical Papers</i> , 2016, 70, .	2.2	1
27	Influence of thermal and UV treatment on the polypropylene/graphite composite. <i>Polymer Testing</i> , 2016, 52, 46-53.	4.8	8
28	Recycling of blast furnace sludge by briquetting with starch binder: Waste gas from thermal treatment utilizable as a fuel. <i>Waste Management</i> , 2016, 48, 471-477.	7.4	32
29	Highly anisotropic conductivity of tablets pressed from polyaniline-montmorillonite nanocomposite. <i>Materials Research Bulletin</i> , 2016, 75, 139-143.	5.2	4
30	The Study of the Antibacterial Activity of Kaolinite/ZnO Composites. <i>Advanced Science Letters</i> , 2016, 22, 695-698.	0.2	3
31	Functional nanostructures of montmorillonite with conducting polyaniline. <i>Clay Minerals</i> , 2015, 50, 341-351.	0.6	5
32	Magnetically Modified TiO ₂ Powders – Microstructure and Magnetic Properties. <i>Physics Procedia</i> , 2015, 75, 1450-1457.	1.2	4
33	Iron-based granules in body of bumblebees. <i>BioMetals</i> , 2015, 28, 89-99.	4.1	9
34	Metal-based particles in human amniotic fluids of fetuses with normal karyotype and congenital malformation – a pilot study. <i>Environmental Science and Pollution Research</i> , 2015, 22, 7582-7589.	5.3	15
35	Photocatalytic H ₂ generation from aqueous ammonia solution using ZnO photocatalysts prepared by different methods. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 8530-8538.	7.1	34
36	Functional and eco-friendly nanocomposite kaolinite/ZnO with high photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2015, 162, 392-400.	20.2	51

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37	Structure and properties of polyaniline/montmorillonite nanocomposites prepared under various conditions. <i>Materials Technology</i> , 2014, 29, 301-306.	3.0	2
38	Polyaniline/TiO ₂ /kaolinite: The composite material with high electrical anisotropy. <i>Materials Chemistry and Physics</i> , 2014, 146, 146-152.	4.0	6
39	Modified clay minerals efficiency against chemical and biological warfare agents for civil human protection. <i>Journal of Hazardous Materials</i> , 2014, 271, 65-72.	12.4	29
40	Electrically conductive and optically transparent polyaniline/montmorillonite nanocomposite thin films. <i>Thin Solid Films</i> , 2014, 562, 319-325.	1.8	18
41	The stability of photoactive kaolinite/TiO ₂ composite. <i>Composites Part B: Engineering</i> , 2014, 67, 262-269.	12.0	24
42	Antibacterial activity of kaolinite/nanoTiO ₂ composites in relation to irradiation time. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 135, 17-22.	3.8	34
43	A low-cost photoactive composite quartz sand/TiO ₂ . <i>Chemical Engineering Journal</i> , 2013, 222, 488-497.	12.7	31
44	Synthesis of nanostructured TiO ₂ /SiO ₂ as an effective photocatalyst for degradation of acid orange. <i>Applied Surface Science</i> , 2013, 279, 384-390.	6.1	56
45	Alkali metals as promoters in Co-Mn-Al mixed oxide for N ₂ O decomposition. <i>Applied Catalysis A: General</i> , 2013, 462-463, 227-235.	4.3	62
46	High electrical anisotropy in hydrochloric acid doped polyaniline/phyllsilicate nanocomposites: Effect of phyllosilicate matrix, synthesis pathway and pressure. <i>Applied Clay Science</i> , 2013, 80-81, 126-132.	5.2	18
47	Enhanced electrical conductivity of polyaniline films by postsynthetic DC high-voltage electrical field treatment. <i>Synthetic Metals</i> , 2013, 179, 116-121.	3.9	0
48	Monitoring conductivity and optical homogeneity during the growth of polyaniline thin films. <i>Thin Solid Films</i> , 2013, 537, 58-64.	1.8	5
49	Texture and electrical conductivity of pellets pressed from PANI and PANI/montmorillonite intercalate. <i>Acta Geodynamica Et Geomaterialia</i> , 2013, , 371-377.	0.5	2
50	Montmorillonite intercalated by conducting polyanilines. <i>Journal of Physics and Chemistry of Solids</i> , 2012, 73, 1530-1533.	4.0	11
51	Preparation and characterization of photoactive composite kaolinite/TiO ₂ . <i>Journal of Hazardous Materials</i> , 2011, 188, 212-220.	12.4	113
52	Preparation and characterization of antibacterial silver/vermiculites and silver/montmorillonites. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 6287-6300.	3.9	35