

SUPREE PINITSOONTORN

List of Publications by Year in descending order

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papers

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430442

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times ranked

953
citing authors

#	ARTICLE	IF	CITATIONS
1	Amine-Functionalized and Hydroxyl-Functionalized Magnesium Ferrite Nanoparticles for Congo Red Adsorption. <i>ACS Applied Nano Materials</i> , 2019, 2, 5329-5341.	2.4	105
2	Structure, magnetic, and dielectric properties of Ti-doped LaFeO ₃ ceramics synthesized by polymer pyrolysis method. <i>Materials Research Bulletin</i> , 2015, 67, 118-125.	2.7	80
3	Electrical conductivity and compressive strength of carbon fiber reinforced fly ash geopolymeric composites. <i>Construction and Building Materials</i> , 2017, 135, 164-176.	3.2	76
4	Engineering Bacterial Cellulose Films by Nanocomposite Approach and Surface Modification for Biocompatible Triboelectric Nanogenerator. <i>ACS Applied Electronic Materials</i> , 2020, 2, 2498-2506.	2.0	69
5	Thermoelectric properties of transition metals-doped Ca ₃ Co _{3.8} Mn _{0.2} O ₉ + δ (M=Co, Cr, Fe, Ni, Cu and Zn). <i>Journal of Materials Science: Materials in Electronics</i> , 2012, 23, 1050-1056.	1.1	61
6	Synthesis, mechanical and magnetic properties of transition metals-doped Ca ₃ Co _{3.8} Mn _{0.2} O ₉ . <i>Journal of Alloys and Compounds</i> , 2010, 503, 431-435.	2.8	50
7	Carbon Nanofiber Aerogel/Magnetic Core-Shell Nanoparticle Composites as Recyclable Oil Sorbents. <i>ACS Applied Nano Materials</i> , 2020, 3, 3939-3950.	2.4	44
8	Bacterial cellulose-based magnetic nanocomposites: A review. <i>Carbohydrate Polymers</i> , 2021, 254, 117228.	5.1	39
9	Polymer pyrolysis synthesis and magnetic properties of LaFeO ₃ nanoparticles. <i>Physica B: Condensed Matter</i> , 2015, 476, 55-60.	1.3	36
10	Enhancing piezoelectric properties of bacterial cellulose films by incorporation of MnFe ₂ O ₄ nanoparticles. <i>Carbohydrate Polymers</i> , 2020, 231, 115730.	5.1	36
11	Magnetically responsive and flexible bacterial cellulose membranes. <i>Carbohydrate Polymers</i> , 2018, 192, 251-262.	5.1	34
12	White magnetic paper based on a bacterial cellulose nanocomposite. <i>Journal of Materials Chemistry C</i> , 2018, 6, 11427-11435.	2.7	30
13	First-Principles Study of the Electronic Structure and Thermoelectric Properties of Al-Doped ZnO. <i>Journal of Electronic Materials</i> , 2014, 43, 1689-1696.	1.0	26
14	Controlling the processing of co-precipitated magnetic bacterial cellulose/iron oxide nanocomposites. <i>Materials and Design</i> , 2020, 196, 109148.	3.3	25
15	Enhancing thermoelectric properties of p-type SiGe alloy through optimization of carrier concentration and processing parameters. <i>Materials Science in Semiconductor Processing</i> , 2018, 88, 239-249.	1.9	21
16	Nanoporous Magnetic Carbon Nanofiber Aerogels with Embedded Fe^{2+} - Fe^{3+} Core-Shell Nanoparticles for Oil Sorption and Recovery. <i>ACS Applied Nano Materials</i> , 2022, 5, 2885-2896.	2.4	21
17	Synthesis and thermoelectric properties of Ca ₃ Co ₄ O ₉ prepared by a simple thermal hydro-decomposition method. <i>Electronic Materials Letters</i> , 2012, 8, 305-308.	1.0	20
18	Magnetic bacterial cellulose and carbon nanofiber aerogel by simple immersion and pyrolysis. <i>Journal of Materials Science</i> , 2020, 55, 4113-4126.	1.7	20

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19	Silica-coated magnesium ferrite nanoadsorbent for selective removal of methylene blue. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125483.	2.3	20
20	Size-Controllable Melt-Electrospun Polycaprolactone (PCL) Fibers with a Sodium Chloride Additive. <i>Polymers</i> , 2019, 11, 1768.	2.0	16
21	Hard magnetic membrane based on bacterial cellulose α -Barium ferrite nanocomposites. <i>Carbohydrate Polymers</i> , 2021, 264, 118016.	5.1	15
22	A simple method for fabricating flexible thermoelectric nanocomposites based on bacterial cellulose nanofiber and Ag ₂ Se. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	15
23	Flexible Thermoelectric Paper and Its Thermoelectric Generator from Bacterial Cellulose/Ag ₂ Se Nanocomposites. <i>ACS Applied Energy Materials</i> , 2022, 5, 3489-3501.	2.5	14
24	Flexible supercapacitors based on mesoporous nanocrystalline cobalt ammonium phosphates and bacterial cellulose composite electrode. <i>International Journal of Energy Research</i> , 2021, 45, 3075-3088.	2.2	13
25	Mechanical and Dielectric Properties of Fly Ash Geopolymer/Sugarcane Bagasse Ash Composites. <i>Polymers</i> , 2022, 14, 1140.	2.0	13
26	Magnetic Properties and Morphology Copper-Substituted Barium Hexaferrites from Sol-Gel Auto-Combustion Synthesis. <i>Materials</i> , 2021, 14, 5873.	1.3	9
27	Thermoelectric Properties of Ca ₃ Co _{4-x} Ga _x O ₉ Prepared by Thermal Hydro-decomposition. <i>Journal of Electronic Materials</i> , 2014, 43, 2064-2071.	1.0	8
28	Enhancing Thermoelectric Properties of Higher Manganese Silicide (HMS) by Partial Ta Substitution. <i>Journal of Electronic Materials</i> , 2020, 49, 2726-2733.	1.0	8
29	Co ₂ P ₂ O ₇ Microplate/Bacterial Cellulose α -Derived Carbon Nanofiber Composites with Enhanced Electrochemical Performance. <i>Nanomaterials</i> , 2021, 11, 2015.	1.9	8
30	Electronic structure of iron-doped misfit-layered calcium cobaltite. <i>Computational Materials Science</i> , 2016, 114, 64-71.	1.4	7
31	Synthesis and Characterization of a Magnetic Carbon Nanofiber Derived from Bacterial Cellulose for the Removal of Diclofenac from Water. <i>ACS Omega</i> , 2022, 7, 7572-7584.	1.6	7
32	Local structure determination of substitutional elements in Ca ₃ Co _{4-x} M _x O ₉ (M = Fe, Cr, Ga) using X-ray absorption spectroscopy. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1732-1739.	0.8	6
33	Synthesis of Silicon and Higher Manganese Silicide Bulk Nano-composites and Their Thermoelectric Properties. <i>Journal of Electronic Materials</i> , 2020, 49, 2920-2927.	1.0	6
34	Giant dielectric behavior observed in Ca ₃ Co ₄ O ₉ ceramic. <i>Electronic Materials Letters</i> , 2013, 9, 347-351.	1.0	5
35	Improvement of electrochemical properties of Ca ₃ Co ₄ O ₉ as anode materials for lithium-ion batteries by Cr doping. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1197-1202.	1.2	5
36	Machine Learning Approach for Maximizing Thermoelectric Properties of BiCuSeO and Discovering New Doping Element. <i>Energies</i> , 2022, 15, 779.	1.6	5

#	ARTICLE	IF	CITATIONS
37	The observation of spin Seebeck effect in opposite spin Hall angle materials of polycrystalline bulk-Fe ₃ O ₄ /(Co/Fe) systems. AIP Advances, 2022, 12, .	0.6	4
38	Correlating the effect of preparation methods on the structural and magnetic properties, and reducibility of CuFe ₂ O ₄ catalysts. RSC Advances, 2022, 12, 15526-15533.	1.7	3
39	Thermoelectric Properties of Bulk Yttrium Silicide (YSi ₂) Fabricated by Arc Melting and Spark Plasma Sintering. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1700769.	0.8	1
40	Development of co-doped Li ₂ S-borate-based glass system as energy storage applications: X-ray absorption spectroscopy aspect. Journal of Non-Crystalline Solids, 2021, 562, 120781.	1.5	1
41	Enhanced transverse thermoelectric voltage in the Au/Ni foil bilayer system via the combination of spin Seebeck effect and anomalous Nernst effect. Physica Status Solidi (A) Applications and Materials Science, 0, , .	0.8	0