

Srikantaswamy Shivanna

List of Publications by Year in descending order

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papers

715
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566801

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of CeO ₂ nanoparticles on dielectric properties of PVB/CeO ₂ polymer nanodielectrics: a positron lifetime study. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 1063-1077.	1.1	8
2	Fabrication of spherical porous pAg ₂ O-nWO ₃ /Ag/GNS heterostructure with enhanced photocatalytic activity through plasmonic S-scheme mechanism and its complementing biological interest. <i>Chemosphere</i> , 2022, 294, 133715.	4.2	2
3	Rational construction of plasmonic Z-scheme Ag-ZnO-CeO ₂ heterostructures for highly enhanced solar photocatalytic H ₂ evolution. <i>Applied Surface Science</i> , 2021, 541, 148457.	3.1	39
4	Hydrothermal synthesis of MoO ₃ /ZnO heterostructure with highly enhanced photocatalysis and their environmental interest. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105040.	3.3	25
5	Hydrothermal synthesis of Ga ₂ O ₃ /TiO ₂ nanocomposites with highly enhanced solar photocatalysis and their biological interest. <i>Journal of Photochemistry and Photobiology</i> , 2021, 6, 100020.	1.1	8
6	Photo-catalytic dye degradation of methylene blue by using ZrO ₂ /MWCNT nanocomposites. <i>Water Practice and Technology</i> , 2021, 16, 1265-1276.	1.0	2
7	Hydrothermal processing of interfacial BiCeO ₃ /MWCNTs photocatalyst for rapid dye degradation and its biological interest. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105774.	3.3	13
8	Microwave hydrothermal synthesis of copper induced ZnO/gC ₃ N ₄ heterostructure with efficient photocatalytic degradation through S-scheme mechanism. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 418, 113394.	2.0	18
9	Designing of Fe ₂ O ₃ /GO heterostructure with enhanced photocatalytic activity and biological applications. <i>Nanotechnology for Environmental Engineering</i> , 2021, 6, 1.	2.0	1
10	Synthesis of graphene nanosheets by emitted black carbon and its sustainable applications. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104071.	3.3	7
11	Hydrothermal synthesis, characterization and enhanced photocatalytic activity and toxicity studies of a rhombohedral Fe ₂ O ₃ nanomaterial. <i>RSC Advances</i> , 2019, 9, 25158-25169.	1.7	16
12	Synthesis of graphite oxide nanoparticles and conductivity studies of PSF/GO and PSAN/GO polymer nanocomposites. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 246, 62-75.	1.7	16
13	Photocatalytic dye degradation and biological activities of the Fe ₂ O ₃ /Cu ₂ O nanocomposite. <i>RSC Advances</i> , 2019, 9, 8557-8568.	1.7	119
14	Dry-Coated Graphite onto Sandpaper for Triboelectric Nanogenerator as an Active Power Source for Portable Electronics. <i>Nanomaterials</i> , 2019, 9, 1585.	1.9	20
15	Comparative Study on the Effects of Surface Area, Conduction Band and Valence Band Positions on the Photocatalytic Activity of ZnO-M<sub>g</sub>O<sub>g</sub>y<sub>g</sub> Heterostructures. <i>Journal of Water Resource and Protection</i> , 2019, 11, 357-370.	0.3	17
16	Electronically semitransparent ZnO nanorods with superior electron transport ability for DSSCs and solar photocatalysis. <i>Ceramics International</i> , 2018, 44, 7202-7208.	2.3	33
17	Visible Light Assisted Photocatalytic Degradation of Chromium (VI) by Using Nanoporous Fe ₂ O ₃ . <i>Journal of Materials</i> , 2018, 2018, 1-13.	0.1	9
18	Synthesis, Characterization of Copper Metavanadate (CuV ₂ O ₆) Nanostructures Via Hydrothermal Method and their Photocatalytic Performance. <i>Oriental Journal of Chemistry</i> , 2018, 34, 1263-1269.	0.1	2

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19	Ecofriendly Synthesis of Metal/Metal Oxide Nanoparticles and Their Application in Food Packaging and Food Preservation. , 2018, , 197-216.		11
20	The correlation among morphology, oxygen vacancies and properties of ZnO nanoflowers. Journal of Materials Science: Materials in Electronics, 2018, 29, 13551-13560.	1.1	19
21	Microwave treated sol-gel synthesis and characterization of hybrid ZnO-RGO composites for efficient photodegradation of dyes. New Journal of Chemistry, 2017, 41, 1723-1735.	1.4	49
22	Simultaneous removal of dye and heavy metals in a single step reaction using PVA/MWCNT composites. Analytical Methods, 2016, 8, 2408-2412.	1.3	19
23	Dispersion of Multiwall Carbon Nanotubes in Organic Solvents through Hydrothermal Supercritical Condition. Journal of Nanomaterials, 2015, 2015, 1-6.	1.5	21
24	Speciation of heavy metals in biosolids of wastewater treatment plants at Mysore, Karnataka, India. Environmental Monitoring and Assessment, 2012, 184, 239-249.	1.3	13
25	Environmental Flow Requirements in Tungabhadra River, Karnataka, India. Natural Resources Research, 2011, 20, 193-205.	2.2	3
26	Statistical Multivariate Analysis in the Assessment of River Water Quality in the Vicinity of KRS Dam, Karnataka, India. Natural Resources Research, 2009, 18, 235-247.	2.2	17
27	Stability of single-wall carbon nanotubes under hydrothermal conditions. Journal of Materials Research, 2002, 17, 734-737.	1.2	17
28	Evolution of single-wall carbon nanotubes during hydrothermal treatment. Solid State Ionics, 2002, 151, 205-211.	1.3	9
29	Phase and structural change of carbonized wood materials by hydrothermal treatment. Solid State Ionics, 2002, 151, 197-203.	1.3	16
30	Carbon nanocells and nanotubes grown in hydrothermal fluids. Chemical Physics Letters, 2000, 329, 317-322.	1.2	77
31	Recent progress in the growth and characterization of aluminum orthophosphate crystals. Progress in Crystal Growth and Characterization of Materials, 1991, 21, 199-254.	1.8	6
32	Hydrothermal synthesis and structure of TmP5O14. Journal of Materials Science Letters, 1990, 9, 235-236.	0.5	5
33	Hydrothermal synthesis and characterization of AlPO4:Nd crystals. Journal of the Less Common Metals, 1987, 127, 263-264.	0.9	0
34	Ionic conductivity measurements for AlPO4:M1+(M1+ = Li, Na) crystals. Journal of Materials Science Letters, 1987, 6, 1053-1054.	0.5	3
35	Synthesis and characterization of new superionic conductors NaCu2ZrP3O12 and Na2(La, Fe)ZrP3O12. Solid State Ionics, 1987, 24, 1-6.	1.3	3
36	Conductivity pre-exponential factors for some new superionic conductors. Bulletin of Materials Science, 1987, 9, 317-321.	0.8	6

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37	Synthesis and characterization of a new polymorphic modification of AlPO ₄ . Journal of Crystal Growth, 1986, 79, 232-235.	0.7	16
38	Influence of admixtures on the crystallization and morphology of AlPO ₄ crystals. Journal of Materials Science, 1986, 21, 2202-2206.	1.7	16
39	Infrared spectra of aluminium orthophosphate crystals. Journal of Materials Science Letters, 1986, 5, 203-205.	0.5	15
40	X-ray data for AlPO ₄ crystals. Journal of Materials Science Letters, 1986, 5, 495-495.	0.5	3
41	New polymorphic modification of aluminium orthophosphate. Journal of Materials Science Letters, 1986, 5, 690-692.	0.5	6
42	Crystal data for NaNi ₂ ZrP ₃ O ₁₂ and Na ₂ (La, Al)TiP ₃ O ₁₂ . Journal of Materials Science Letters, 1986, 5, 701-702.	0.5	1
43	Crystal data for NaMn ₂ ZrP ₃ O ₁₂ , Na ₂ (Ce, Co)ZrP ₃ O ₁₂ and Na ₂ (La, Co)TiP ₃ O ₁₂ . Journal of Materials Science Letters, 1986, 5, 1081-1082.	0.5	0
44	Crystal data for Na ₂ LaZrP ₃ O ₁₂ and Na ₂ (R, Me)ZrP ₃ O ₁₂ crystals. Journal of Materials Science Letters, 1986, 5, 1104-1106.	0.5	0
45	High-temperature X-ray diffraction studies of berlinite crystals. Journal of Materials Science Letters, 1986, 5, 1189-1190.	0.5	2
46	Influence of admixtures on the ± 2 berlinite transition. Journal of Materials Science Letters, 1986, 5, 347-348.	0.5	7