

Puja goel

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

346
citations

933447

10
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

350
citing authors

#	ARTICLE	IF	CITATIONS
1	Double doping effect on the structural and dielectric properties of PZT ceramics. Journal Physics D: Applied Physics, 2004, 37, 3174-3179.	2.8	50
2	Substitution site effect on structural and dielectric properties of La ³⁺ Bi modified PZT. Journal of Materials Science, 2007, 42, 3928-3935.	3.7	43
3	Mechanism of photoluminescence enhancement and quenching in Nd ₂ O ₃ nanoparticles ³⁺ ferroelectric liquid crystal nanocomposites. RSC Advances, 2015, 5, 14974-14981.	3.6	43
4	Effect of V ⁵⁺ doping on Structural and Dielectric properties of SrBi ₂ Nb ₂ O ₉ Synthesized at low Temperature. Physica B: Condensed Matter, 2006, 382, 245-251.	2.7	30
5	Investigation of dielectric behaviour in ferrofluid ³⁺ ferroelectric liquid crystal nanocomposites. Liquid Crystals, 2012, 39, 927-932.	2.2	30
6	Induced dielectric relaxation and enhanced electro-optic parameters in Ni nanoparticles ³⁺ ferroelectric liquid crystal dispersions. Liquid Crystals, 2013, 40, 45-51.	2.2	21
7	Evolution of excitation wavelength dependent photoluminescence in nano-CeO ₂ dispersed ferroelectric liquid crystals. RSC Advances, 2014, 4, 11351-11356.	3.6	21
8	Dielectric and Polarization Properties of BaTiO ₃ Nanoparticle/Ferroelectric Liquid Crystal Colloidal Suspension. Integrated Ferroelectrics, 2011, 125, 81-88.	0.7	16
9	Electro-optic switching in iron oxide nanoparticle embedded paramagnetic chiral liquid crystal via magneto-electric coupling. Journal of Applied Physics, 2014, 115, 124905.	2.5	16
10	Tunability of optical memory in ferroelectric liquid crystal containing polyvinylpyrrolidone capped Ni nanoparticles for low power and faster device operation. Applied Physics Letters, 2012, 101, 074109.	3.3	15
11	Fabrication of chemical sensor for organochlorine pesticide detection using colloidal gold nanoparticles. MRS Communications, 2018, 8, 1000-1007.	1.8	10
12	Effect of annealing conditions and concentration of oxygen vacancies on vanadium doped SrBi ₂ Ta ₂ O ₉ . Materials Letters, 2006, 60, 3183-3187.	2.6	8
13	Complex impedance studies of low temperature synthesized fine grain PZT/CeO ₂ nanocomposites. Ceramics International, 2012, 38, 3047-3055.	4.8	7
14	Dielectric relaxation and electro-optic response in nano-ceria dispersed ferroelectric liquid crystal nanocomposites: effect of structural deformation and lattice straining. RSC Advances, 2015, 5, 29741-29747.	3.6	7
15	Remediation of Wastewater from Chlorpyrifos Pesticide by Nano-Gold Photocatalyst. MRS Advances, 2020, 5, 2661-2667.	0.9	7
16	Mechanism of visible-light-driven photocatalytic degradation of endosulfan pesticide by gold nanoparticles. Environmental Research Communications, 2020, 2, 075004.	2.3	6
17	Photocatalytic degradation efficiency of Cu/Cu ₂ O core ³⁺ shell structured nanoparticles for endosulfan mineralization. Journal of Nanoparticle Research, 2022, 24, 1.	1.9	5
18	Photocatalytically driven mineralization of chlorpyrifos pesticide by copper nanoparticles. MRS Advances, 2021, 6, 774.	0.9	4

#	ARTICLE	IF	CITATIONS
19	Atypical dielectric behavior in sol-gel derived fine grain PZT/CeO ₂ nanocomposites. Journal of Physics and Chemistry of Solids, 2013, 74, 854-861.	4.0	3
20	Structural and dielectric properties of phosphorous-doped PLZT ceramics. Pramana - Journal of Physics, 2005, 65, 1127-1132.	1.8	2
21	Effect of annealing on microstructure and <i>P-E</i> hysteresis of vanadium doped SrBi ₂ Ta ₂ O ₉ . Materials Research Innovations, 2009, 13, 352-356.	2.3	1