

# 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	Photocatalytic degradation efficiency of Cu/Cu <sub>2</sub> O core-shell structured nanoparticles for endosulfan mineralization. <i>Journal of Nanoparticle Research</i> , 2022, 24, 1.	1.9	5
2	Photocatalytically driven mineralization of chlorpyrifos pesticide by copper nanoparticles. <i>MRS Advances</i> , 2021, 6, 774.	0.9	4
3	Remediation of Wastewater from Chlorpyrifos Pesticide by Nano-Gold Photocatalyst. <i>MRS Advances</i> , 2020, 5, 2661-2667.	0.9	7
4	Mechanism of visible-light-driven photocatalytic degradation of endosulfan pesticide by gold nanoparticles. <i>Environmental Research Communications</i> , 2020, 2, 075004.	2.3	6
5	Fabrication of chemical sensor for organochlorine pesticide detection using colloidal gold nanoparticles. <i>MRS Communications</i> , 2018, 8, 1000-1007.	1.8	10
6	Mechanism of photoluminescence enhancement and quenching in Nd <sub>2</sub> O <sub>3</sub> nanoparticles-ferroelectric liquid crystal nanocomposites. <i>RSC Advances</i> , 2015, 5, 14974-14981.	3.6	43
7	Dielectric relaxation and electro-optic response in nano-ceria dispersed ferroelectric liquid crystal nanocomposites: effect of structural deformation and lattice straining. <i>RSC Advances</i> , 2015, 5, 29741-29747.	3.6	7
8	Electro-optic switching in iron oxide nanoparticle embedded paramagnetic chiral liquid crystal via magneto-electric coupling. <i>Journal of Applied Physics</i> , 2014, 115, 124905.	2.5	16
9	Evolution of excitation wavelength dependent photoluminescence in nano-CeO <sub>2</sub> dispersed ferroelectric liquid crystals. <i>RSC Advances</i> , 2014, 4, 11351-11356.	3.6	21
10	Atypical dielectric behavior in sol-gel derived fine grain PZT/CeO <sub>2</sub> nanocomposites. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 854-861.	4.0	3
11	Induced dielectric relaxation and enhanced electro-optic parameters in Ni nanoparticles-ferroelectric liquid crystal dispersions. <i>Liquid Crystals</i> , 2013, 40, 45-51.	2.2	21
12	Tunability of optical memory in ferroelectric liquid crystal containing polyvinylpyrrolidone capped Ni nanoparticles for low power and faster device operation. <i>Applied Physics Letters</i> , 2012, 101, 074109.	3.3	15
13	Investigation of dielectric behaviour in ferrofluid-ferroelectric liquid crystal nanocomposites. <i>Liquid Crystals</i> , 2012, 39, 927-932.	2.2	30
14	Complex impedance studies of low temperature synthesized fine grain PZT/CeO <sub>2</sub> nanocomposites. <i>Ceramics International</i> , 2012, 38, 3047-3055.	4.8	7
15	Dielectric and Polarization Properties of BaTiO <sub>3</sub> Nanoparticle/Ferroelectric Liquid Crystal Colloidal Suspension. <i>Integrated Ferroelectrics</i> , 2011, 125, 81-88.	0.7	16
16	Effect of annealing on microstructure and P-E hysteresis of vanadium doped SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . <i>Materials Research Innovations</i> , 2009, 13, 352-356.	2.3	1
17	Substitution site effect on structural and dielectric properties of La-Bi modified PZT. <i>Journal of Materials Science</i> , 2007, 42, 3928-3935.	3.7	43
18	Effect of V+5 doping on Structural and Dielectric properties of SrBi <sub>2</sub> Nb <sub>2</sub> O <sub>9</sub> Synthesized at low Temperature. <i>Physica B: Condensed Matter</i> , 2006, 382, 245-251.	2.7	30

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19	Effect of annealing conditions and concentration of oxygen vacancies on vanadium doped SrBi <sub>2</sub> Ta <sub>2</sub> O <sub>9</sub> . Materials Letters, 2006, 60, 3183-3187.	2.6	8
20	Structural and dielectric properties of phosphorous-doped PLZT ceramics. Pramana - Journal of Physics, 2005, 65, 1127-1132.	1.8	2
21	Double doping effect on the structural and dielectric properties of PZT ceramics. Journal Physics D: Applied Physics, 2004, 37, 3174-3179.	2.8	50