

Sajna

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Spectroscopic investigations and phonon side band analysis of Eu ³⁺ -doped multicomponent tellurite glasses. <i>Optical Materials</i> , 2017, 70, 31-40.	3.6	70
2	Spectroscopic properties of Er ³⁺ ions in multicomponent tellurite glasses. <i>Journal of Luminescence</i> , 2015, 159, 55-65.	3.1	66
3	Spectroscopic investigations on Eu ³⁺ ions in Li ⁺ -Zn fluorotellurite glasses. <i>Optical Materials</i> , 2014, 37, 552-560.	3.6	39
4	NIR emission studies and dielectric properties of Er ³⁺ -doped multicomponent tellurite glasses. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 161, 130-137.	3.9	34
5	Novel SPR based fiber optic sensor for vitamin A using Au@Ag core-shell nanoparticles doped SiO ₂ -TiO ₂ -ZrO ₂ ternary matrix. <i>Applied Surface Science</i> , 2019, 484, 219-227.	6.1	28
6	Investigations on SPR induced Cu@Ag core shell doped SiO ₂ -TiO ₂ -ZrO ₂ fiber optic sensor for mercury detection. <i>Applied Surface Science</i> , 2020, 507, 144957.	6.1	28
7	Perceiving impressive optical properties of ternary SiO ₂ -TiO ₂ -ZrO ₂ :Eu ³⁺ sol-gel glasses with high reluctance for concentration quenching: An experimental approach. <i>Journal of Non-Crystalline Solids</i> , 2018, 482, 116-125.	3.1	23
8	Synthesis and luminescence characterization of Pr ³⁺ doped Sr _{1.5} Ca _{0.5} SiO ₄ phosphor. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 767-772.	3.9	16
9	Enhanced resonant nonlinear absorption and optical limiting in Er ³⁺ ions doped multicomponent tellurite glasses. <i>Materials Research Bulletin</i> , 2018, 104, 227-235.	5.2	13
10	Investigations on spectroscopic properties of Er ³⁺ -doped Li ⁺ -Zn fluoroborate glass. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 148, 43-48.	3.9	12
11	Sm ³⁺ -doped fluorophosphate glass: Formation of Ag nanoparticles via Ag ⁺ /K ⁺ ion exchange and their effects on optical and dielectric properties. <i>Optical Materials</i> , 2015, 39, 167-172.	3.6	12
12	Structural and optical studies of Eu ³⁺ /nanocrystallites doped titania-zirconia hybrids. <i>Journal of Alloys and Compounds</i> , 2014, 615, 188-193.	5.5	11
13	SPR coupled luminescence enhancement of Er ³⁺ /Au NPs -doped multicomponent tellurite glasses. <i>Optical Materials</i> , 2022, 131, 112637.	3.6	3