

# Sajna

## List of Publications by Year in descending order

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