Dr Pramod AG

List of Publications by Citations

20 papers	108 citations	5 h-index	9 g-index
27 ext. papers	236 ext. citations	3.1 avg, IF	2.98 L-index

#	Paper	IF	Citations
20	Influence of gold nanoparticles on the nonlinear optical and photoluminescence properties of EuO doped alkali borate glasses. *Physical Chemistry Chemical Physics*, **2020**, 22, 2019-2032	3.6	27
19	Effect of Eu3+ in tuning the ultrafast third-order optical nonlinearity in heavy metal borate glasses. *Optical Materials*, **2020**, 108, 110051	3.3	24
18	A combined experimental theoretical approach for energy gap determination, photophysical, photostable, optoelectronic, NLO, and organic light emitting diode (OLED) application: Synthesized coumarin derivative. *Journal of Molecular Structure*, **2019**, 1194, 271-283	3.4	13
17	Efficacy of Eu3+ on improving the near-infrared optical nonlinearities and optical limiting properties of antimony sodium borate glasses. *Journal of Non-Crystalline Solids*, **2021**, 556, 120566	3.9	6
16	Impact of solvents on energy gap, photophysical, photometric properties for a new class of 4-HCM coumarin derivative: Nonlinear optical studies and optoelectronic applications. *Journal of Molecular Liquids*, **2019**, 292, 111383	6	5
15	Electronic Structure, Optical Properties and Quantum Chemical Investigation on Synthesized Coumarin Derivative in Liquid Media for Optoelectronic Devices. *Journal of Fluorescence*, **2019**, 29, 953-968	2.4	4
14	Nonlinear optical, optical limiting and radiation shielding features of Eu3+ activated borate glasses. *Optik*, **2021**, 232, 166563	2.5	4
13	Influence of gamma irradiation on photoluminescence and nonlinear optical properties of Eu3+ activated heavy metal borate glasses. *Optical Materials*, **2021**, 116, 111102	3.3	4
12	Synthesis, photophysical, quantum chemical investigation, linear and non-linear optical properties of coumarin derivative: Optoelectronic and optical limiting application. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 223, 117288	4.4	3
11	Near-infrared nonlinear optical characteristics of silver nanoparticles embedded borate glasses activated with Sm3+ ions: Effect of heat treatment. *Infrared Physics and Technology*, **2021**, 119, 103959	2.7	3
10	Improved near-infrared nonlinear optical properties of Sm3+ containing borate glasses: Effect of silver nanoparticles concentration. *Optical Materials*, **2021**, 111804	3.3	3
9	Photoluminescence, nonlinear optical and gamma radiation shielding properties of high concentration of Eu2O3 doped heavy metal borate glasses. *Optik*, **2021**, 168433	2.5	3
8	Solvent influence on the photophysical properties of 4-(2-Oxo-2H-benzo[h]chromen-4-ylmethoxy)-benzaldehyde **2018**,		2
7	Biscoumarin derivative for designing the WLED display applications **2019**,		2
6	Femtosecond nonlinear optical properties of heavy metal borate glasses studied using Z-scan technique **2019**,		2
5	Nonlinear Optical Limiting and Radiation Shielding Characteristics of SmO Doped Cadmium Sodium Lithium Borate Glasses.. *Materials*, **2022**, 15,	3.5	2
4	Photophysical properties of novel fluorescent 1-(3-Hydroxy-benzofuran-2-yl)-benzo[f]chromen-3-one derivative: models for correlation solvent polarity scales. *Canadian Journal of Physics*, **2019**, 97, 548-557	1.1	1

3	Optimising the Eu2O3 concentration and tuning the photoluminescence attributes of Eu2O3 doped borate glasses by Co-doping with silver nanoparticles. *Journal of Non-Crystalline Solids*, **2022**, 576, 121250	3.9	0
2	Third-order nonlinear optical properties of Sm2O3 activated cadmium alkali borate glasses. *Optical Materials*, **2022**, 127, 112313	3.3	0
1	Analysis of Optical and Near-Infrared Luminescence of Er3+ and Er3+/Yb3+ Co-Doped Heavy Metal Borate Glasses for Optical Amplifier Applications. *Photonics*, **2022**, 9, 355	2.2	0