

# Dr Pramod AG

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/3253991/dr-pramod-ag-publications-by-year.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Optimising the Eu <sub>2</sub> O <sub>3</sub> concentration and tuning the photoluminescence attributes of Eu <sub>2</sub> O <sub>3</sub> doped borate glasses by CoDoping with silver nanoparticles. <i>Journal of Non-Crystalline Solids</i> , <b>2022</b> , 576, 121250	3.9	0
19	Nonlinear Optical Limiting and Radiation Shielding Characteristics of SmO Doped Cadmium Sodium Lithium Borate Glasses.. <i>Materials</i> , <b>2022</b> , 15,	3.5	2
18	Third-order nonlinear optical properties of Sm <sub>2</sub> O <sub>3</sub> activated cadmium alkali borate glasses. <i>Optical Materials</i> , <b>2022</b> , 127, 112313	3.3	0
17	Analysis of Optical and Near-Infrared Luminescence of Er <sup>3+</sup> and Er <sup>3+</sup> /Yb <sup>3+</sup> Co-Doped Heavy Metal Borate Glasses for Optical Amplifier Applications. <i>Photonics</i> , <b>2022</b> , 9, 355	2.2	0
16	Near-infrared nonlinear optical characteristics of silver nanoparticles embedded borate glasses activated with Sm <sup>3+</sup> ions: Effect of heat treatment. <i>Infrared Physics and Technology</i> , <b>2021</b> , 119, 103959	2.7	3
15	Improved near-infrared nonlinear optical properties of Sm <sup>3+</sup> containing borate glasses: Effect of silver nanoparticles concentration. <i>Optical Materials</i> , <b>2021</b> , 111804	3.3	3
14	Photoluminescence, nonlinear optical and gamma radiation shielding properties of high concentration of Eu <sub>2</sub> O <sub>3</sub> doped heavy metal borate glasses. <i>Optik</i> , <b>2021</b> , 168433	2.5	3
13	Efficacy of Eu <sup>3+</sup> on improving the nearInfrared optical nonlinearities and optical limiting properties of antimony sodium borate glasses. <i>Journal of Non-Crystalline Solids</i> , <b>2021</b> , 556, 120566	3.9	6
12	Nonlinear optical, optical limiting and radiation shielding features of Eu <sup>3+</sup> activated borate glasses. <i>Optik</i> , <b>2021</b> , 232, 166563	2.5	4
11	Influence of gamma irradiation on photoluminescence and nonlinear optical properties of Eu <sup>3+</sup> activated heavy metal borate glasses. <i>Optical Materials</i> , <b>2021</b> , 116, 111102	3.3	4
10	Influence of gold nanoparticles on the nonlinear optical and photoluminescence properties of EuO doped alkali borate glasses. <i>Physical Chemistry Chemical Physics</i> , <b>2020</b> , 22, 2019-2032	3.6	27
9	Effect of Eu <sup>3+</sup> in tuning the ultrafast third-order optical nonlinearity in heavy metal borate glasses. <i>Optical Materials</i> , <b>2020</b> , 108, 110051	3.3	24
8	Synthesis, photophysical, quantum chemical investigation, linear and non-linear optical properties of coumarin derivative: Optoelectronic and optical limiting application. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2019</b> , 223, 117288	4.4	3
7	A combined experimental theoretical approach for energy gap determination, photophysical, photostable, optoelectronic, NLO, and organic light emitting diode (OLED) application: Synthesized coumarin derivative. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1194, 271-283	3.4	13
6	Biscoumarin derivative for designing the WLED display applications <b>2019</b> ,		2
5	Electronic Structure, Optical Properties and Quantum Chemical Investigation on Synthesized Coumarin Derivative in Liquid Media for Optoelectronic Devices. <i>Journal of Fluorescence</i> , <b>2019</b> , 29, 953-968	2.4	4
4	Impact of solvents on energy gap, photophysical, photometric properties for a new class of 4-HCM coumarin derivative: Nonlinear optical studies and optoelectronic applications. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 292, 111383	6	5

3	Femtosecond nonlinear optical properties of heavy metal borate glasses studied using ZScan technique <b>2019</b> ,		2
2	Photophysical properties of novel fluorescent 1-(3-Hydroxy-benzofuran-2-yl)-benzo[f]chromen-3-one derivative: models for correlation solvent polarity scales. <i>Canadian Journal of Physics</i> , <b>2019</b> , 97, 548-557	1.1	1
1	Solvent influence on the photophysical properties of 4-(2-Oxo-2H-benzo[h]chromen-4-ylmethoxy)-benzaldehyde <b>2018</b> ,		2