

# Subrata Biswas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11362736/publications.pdf>

Version: 2024-02-01

20  
papers

490  
citations

840776

11  
h-index

794594

19  
g-index

20  
all docs

20  
docs citations

20  
times ranked

700  
citing authors

#	ARTICLE	IF	CITATIONS
1	Giant femtosecond nonlinear optical response in bi-metallic GO nanocomposites for photonic applications. <i>Applied Surface Science</i> , 2022, 578, 151966.	6.1	16
2	Optical, structural, and catalytic properties of synthesized Cu <sub>2</sub> O nanocubes. <i>Indian Journal of Physics</i> , 2021, 95, 607-619.	1.8	3
3	External feedback assisted reduction of the lasing threshold of a continuous wave random laser in a dye doped polymer film and demonstration of speckle free imaging. <i>Journal of Luminescence</i> , 2021, 230, 117720.	3.1	15
4	Enhanced optical power limiting and visible luminescence in colloidal dispersion of ultra-small Au nanoclusters synthesized by single-pot chemical technique. <i>Journal of Molecular Liquids</i> , 2021, 322, 114909.	4.9	4
5	Manoeuvring a natural scatterer system in random lasing action and a demonstration of speckle free imaging. <i>OSA Continuum</i> , 2021, 4, 1712.	1.8	5
6	Optically Transparent Graphene Flakes as Nanogenerator of Microbubbles for Random Lasing in Weakly Scattering Regime. <i>Advanced Photonics Research</i> , 2021, 2, 2100063.	3.6	5
7	Unusual higher-order nonlinear optical properties in Au-coated triangular Ag-Au nanostructures. <i>Optics Letters</i> , 2021, 46, 4879.	3.3	7
8	Green and sustainable methods of syntheses of photocatalytic materials for efficient application in dye degradation. , 2021, , 167-206.		0
9	Nanosecond Laser-Assisted Tuning of the Plasmon Band of Triangular-Shaped Ag Nanostructures and Development of a Broadband Visible-Near Infrared Light Absorber. <i>Plasmonics</i> , 2020, 15, 145-153.	3.4	7
10	Forster resonance energy transfer assisted white light generation and luminescence tuning in a colloidal graphene quantum dot-dye system. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 326-336.	9.4	31
11	Tailoring of structural and photoluminescence emissions by Mn and Cu co-doping in 2D nanostructures of ZnS for the visualization of latent fingerprints and generation of white light. <i>Nanoscale</i> , 2019, 11, 2017-2026.	5.6	27
12	Resonance energy transfer-assisted random lasing in light-harvesting bio-antenna enhanced with a plasmonic local field. <i>RSC Advances</i> , 2019, 9, 37705-37713.	3.6	9
13	Observation of high photocatalytic activity by tuning of defects in chemically synthesized ethylene glycol capped ZnO nanorods. <i>Optik</i> , 2018, 154, 303-314.	2.9	19
14	Colloidal N-Doped Graphene Quantum Dots with Tailored Luminescent Downshifting and Detection of UVA Radiation with Enhanced Responsivity. <i>ACS Omega</i> , 2018, 3, 16260-16270.	3.5	36
15	A comparison of temperature dependent photoluminescence and photo-catalytic properties of different MoS <sub>2</sub> nanostructures. <i>Applied Surface Science</i> , 2018, 455, 379-391.	6.1	29
16	In-situ synthesis of rGO-ZnO nanocomposite for demonstration of sunlight driven enhanced photocatalytic and self-cleaning of organic dyes and tea stains of cotton fabrics. <i>Journal of Hazardous Materials</i> , 2018, 360, 193-203.	12.4	100
17	Near white light emission and enhanced photocatalytic activity by tweaking surface defects of coaxial ZnO@ZnS core-shell nanorods. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	14
18	Nonlinear Optical Properties and Temperature Dependent Photoluminescence in hBN-GO Heterostructure 2D Material. <i>Journal of Physical Chemistry C</i> , 2017, 121, 8060-8069.	3.1	38

#	ARTICLE	IF	CITATIONS
19	Optical Properties Of TiO <sub>2</sub> @C Nanocomposites: Synthesized By Green Synthesis Technique. Advanced Materials Letters, 2017, 8, 449-457.	0.6	8
20	Nonlinear Optical Properties and Temperature-Dependent UV-Vis Absorption and Photoluminescence Emission in 2D Hexagonal Boron Nitride Nanosheets. Advanced Optical Materials, 2015, 3, 828-835.	7.3	117