

# Abhishek Gupta

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3788128/publications.pdf>

Version: 2024-02-01

38  
papers

1,284  
citations

430442

18  
h-index

395343

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

2297  
citing authors

#	ARTICLE	IF	CITATIONS
1	Time-Resolved Emission Reveals Ensemble of Emissive States as the Origin of Multicolor Fluorescence in Carbon Dots. <i>Nano Letters</i> , 2015, 15, 8300-8305.	4.5	255
2	Carbon dots for naked eye colorimetric ultrasensitive arsenic and glutathione detection. <i>Biosensors and Bioelectronics</i> , 2016, 81, 465-472.	5.3	136
3	Nitrogen-doped, thiol-functionalized carbon dots for ultrasensitive Hg( <sup>2+</sup> ) detection. <i>Chemical Communications</i> , 2015, 51, 10750-10753.	2.2	114
4	Laser-Induced Graphene/PVA Composites as Robust Electrically Conductive Water Treatment Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 10914-10921.	4.0	78
5	Paper strip based and live cell ultrasensitive lead sensor using carbon dots synthesized from biological media. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 107-114.	4.0	75
6	Reversible Photoswitching of Carbon Dots. <i>Scientific Reports</i> , 2015, 5, 11423.	1.6	60
7	Silver-doped laser-induced graphene for potent surface antibacterial activity and anti-biofilm action. <i>Chemical Communications</i> , 2019, 55, 6890-6893.	2.2	58
8	Morphological effect of gold nanoparticles on the adsorption of bovine serum albumin. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 20471-20482.	1.3	53
9	Controlling the Fate of Protein Corona by Tuning Surface Properties of Nanoparticles. <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 3747-3752.	2.1	50
10	Electrochemical Removal of Organic and Inorganic Pollutants Using Robust Laser-Induced Graphene Membranes. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 1452-1462.	4.0	44
11	Gold nanoparticle chitosan composite hydrogel beads show efficient removal of methyl parathion from waste water. <i>RSC Advances</i> , 2014, 4, 39830.	1.7	35
12	One pot synthesis of doxorubicin loaded gold nanoparticles for sustained drug release. <i>RSC Advances</i> , 2015, 5, 97330-97334.	1.7	30
13	PC12 live cell ultrasensitive neurotransmitter signaling using high quantum yield sulphur doped carbon dots and its extracellular Ca <sup>2+</sup> ion dependence. <i>Sensors and Actuators B: Chemical</i> , 2017, 245, 137-145.	4.0	28
14	Direct Visualization of Lead Corona and Its Nanomolar Colorimetric Detection Using Anisotropic Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 5039-5044.	4.0	26
15	Effect of surface chemistry and morphology of gold nanoparticle on the structure and activity of common blood proteins. <i>New Journal of Chemistry</i> , 2016, 40, 4879-4883.	1.4	26
16	Low-Voltage Bacterial and Viral Killing Using Laser-Induced Graphene-Coated Non-woven Air Filters. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 59373-59380.	4.0	26
17	Lysine and dithiothreitol promoted ultrasensitive optical and colorimetric detection of mercury using anisotropic gold nanoparticles. <i>Journal of Materials Chemistry C</i> , 2015, 3, 6962-6965.	2.7	24
18	Simple Scalable Fabrication of Laser-Induced Graphene Composite Membranes for Water Treatment. <i>ACS ES&amp;T Water</i> , 2021, 1, 881-887.	2.3	24

#	ARTICLE	IF	CITATIONS
19	Functional Molecular Lumino-Materials to Probe Serum Albumins: Solid Phase Selective Staining Through Noncovalent Fluorescent Labeling. ACS Applied Materials & Interfaces, 2014, 6, 10231-10237.	4.0	21
20	Oriental switching of protein conformation as a function of nanoparticle curvature and their geometrical fitting. Journal of Chemical Physics, 2014, 141, 084707.	1.2	18
21	Quantification of Rac1 and Rac1b in serum of non small cell lung cancer by label free real time assay. Clinica Chimica Acta, 2016, 460, 231-235.	0.5	16
22	Diagnostic Significance of p38 Isoforms (p38 <sup>1</sup> , p38 <sup>2</sup> , p38 <sup>3</sup> , p38 <sup>4</sup> ) in Head and Neck Squamous Cell Carcinoma: Comparative Serum Level Evaluation and Design of Novel Peptide Inhibitor Targeting the Same. Cancer Research and Treatment, 2019, 51, 313-325.	1.3	15
23	Promising link of HLA-G polymorphism, tobacco consumption and risk of Head and Neck Squamous Cell Carcinoma (HNSCC) in North Indian population. Human Immunology, 2017, 78, 172-178.	1.2	14
24	Anisotropic gold nanoparticles for the highly sensitive colorimetric detection of glucose in human urine. RSC Advances, 2015, 5, 40849-40855.	1.7	10
25	NF $\kappa$ B-p50 as a blood based protein marker for early diagnosis and prognosis of head and neck squamous cell carcinoma. Biochemical and Biophysical Research Communications, 2015, 467, 248-253.	1.0	9
26	Serum sHLA-G: Significant diagnostic biomarker with respect to therapy and immunosuppressive mediators in Head and Neck Squamous Cell Carcinoma. Scientific Reports, 2020, 10, 3806.	1.6	9
27	Congenital absence of infrarenal inferior vena cava and deep veins of the lower limbs: a case report. Journal of Medical Case Reports, 2016, 10, 218.	0.4	7
28	Facile embedding of gold nanostructures in the hole transporting layer for efficient polymer solar cells. Organic Electronics, 2018, 54, 148-153.	1.4	7
29	Advances in Nanotechnology based Strategies for Synthesis of Nanoparticles of Lignin. Springer Series on Polymer and Composite Materials, 2020, , 203-229.	0.5	5
30	Transcutaneous retrobulbar amphotericin-B (TRAMB) injection in orbital mucormycosis. BMJ Case Reports, 2022, 15, e246307.	0.2	5
31	Effects of Tobacco Habits on the Polymorphism of NFKB1 and NFKB1A Gene of Head and Neck Squamous Cell Carcinoma in Indian Population. Asian Pacific Journal of Cancer Prevention, 2017, 18, 1855-1859.	0.5	4
32	Processing Techniques for Scanning Electron Microscopy Imaging of Giant Cells from Giant Cell Tumors of Bone. Microscopy and Microanalysis, 2019, 25, 1376-1382.	0.2	1
33	Assessment of codeine abuse among substance-abuse patients based on urinalysis: A retrospective study. Asian Journal of Psychiatry, 2021, 62, 102719.	0.9	1
34	ISDN2014_0025: REMOVED: Promising serum protein marker for early detection of Alzheimer's disease. International Journal of Developmental Neuroscience, 2015, 47, 4-4.	0.7	0
35	Lung cancer in the older population: Interactive effects of angiotensin converting enzyme gene polymorphism (rs 4340 ID) and tobacco addiction in risk assessment. Indian Journal of Cancer, 2021, .	0.2	0
36	Need for a holistic approach to treat TB contacts and extrapulmonary (ocular) tuberculosis. BMJ Case Reports, 2021, 14, e244095.	0.2	0

#	ARTICLE	IF	CITATIONS
37	Correlation of hepatic artery resistive index with portal pressure and serum nitric oxide levels in patients with extrahepatic portal vein obstruction. Journal of Indian Association of Pediatric Surgeons, 2020, 25, 38.	0.1	0
38	Clinico-epidemiologic characteristics of optic neuritis in a tertiary eye centre in Eastern India based on the status of serum aquaporin-4 antibody. Indian Journal of Ophthalmology, 2022, 70, 490.	0.5	0