

# Goutam Biswas

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

453  
citations

759233

12  
h-index

752698

20  
g-index

29  
all docs

29  
docs citations

29  
times ranked

583  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bio-modified magnetic nanoparticles with Terminalia arjuna bark extract for the removal of methylene blue and lead (II) from simulated wastewater. <i>Chemosphere</i> , 2022, 291, 132673.	8.2	24
2	Anticancer, Antibacterial, Antioxidant, and DNA-Binding Study of Metal-Phenalenyl Complexes. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-15.	4.1	6
3	Design, synthesis and docking study of Vortioxetine derivatives as a SARS-CoV-2 main protease inhibitor. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2022, 30, 139-152.	2.0	9
4	Review on some metal oxide nanoparticles as effective adsorbent in wastewater treatment. <i>Water Science and Technology</i> , 2022, 85, 3370-3395.	2.5	23
5	Repurposed Antiviral Drugs for the Treatment of COVID-19: Syntheses, Mechanism of Infection and Clinical Trials. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 1123-1143.	2.4	8
6	A Mini-Review on the Effectiveness of Peptoids as Therapeutic Interventions against Neurodegenerative Diseases. <i>Current Protein and Peptide Science</i> , 2021, 22, 526-533.	1.4	2
7	Advances in mercury(II)-salt-mediated cyclization reactions of unsaturated bonds. <i>Beilstein Journal of Organic Chemistry</i> , 2021, 17, 2348-2376.	2.2	2
8	Design, synthesis and biological evaluation of vortioxetine derivatives as new COX-1/2 inhibitors in human monocytes. <i>Bioorganic and Medicinal Chemistry</i> , 2020, 28, 115760.	3.0	10
9	&lt;p&gt;Silver-Based Nanomaterials as Therapeutic Agents Against Coronaviruses: A Review&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 9301-9315.	6.7	37
10	Green Synthesis, Characterization and Application of Natural Product Coated Magnetite Nanoparticles for Wastewater Treatment. <i>Nanomaterials</i> , 2020, 10, 1615.	4.1	71
11	Computationally designed antibodyâ€“drug conjugates self-assembled via affinity ligands. <i>Nature Biomedical Engineering</i> , 2019, 3, 917-929.	22.5	19
12	Graphene oxideâ€“phenalenyl composite: transition metal-free recyclable and catalytic Câ€“H functionalization. <i>Chemical Communications</i> , 2018, 54, 13220-13223.	4.1	10
13	Preparation of a Camptothecinâ€“conjugated Molecular Carrier and its Cytotoxic Effect Toward Human Colorectal Carcinoma <i>In Vitro</i>. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1385-1393.	1.9	7
14	Abstract 751: A controlled affinity-guided ADC-linker (MAGNET) technology. , 2018, , .		0
15	Targeting Apolipoprotein E/Amyloid Î² Binding by Peptoid CPO_AÎ²17-21â€“P Ameliorates Alzheimerâ€™s Disease Related Pathology and Cognitive Decline. <i>Scientific Reports</i> , 2017, 7, 8009.	3.3	47
16	Synthesis of Ibuprofen Conjugated Molecular Transporter Capable of Enhanced Brain Penetration. <i>Journal of Chemistry</i> , 2017, 2017, 1-10.	1.9	9
17	Structural sensitivity of peptoid-based low molecular mass organogelator. <i>Materials and Design</i> , 2016, 108, 659-665.	7.0	6
18	Unusual truncation of N-acylated peptoids under acidic conditions. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5222-5226.	2.8	13

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19	Synthesis and bioluminescence of difluoroluciferin. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4881-4883.	2.2	12
20	Preparation of blood-brain barrier-permeable paclitaxel-carrier conjugate and its chemotherapeutic activity in the mouse glioblastoma model. <i>MedChemComm</i> , 2011, 2, 270.	3.4	15
21	A Blood-brain Barrier Permeable Derivative of 5-Fluorouracil: Preparation, Intracellular Localization, and Mouse Tissue Distribution. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 873-879.	1.9	13
22	Total Synthesis of Syringolin A and B. <i>Organic Letters</i> , 2010, 12, 2402-2405.	4.6	47
23	Novel Guanidine-Containing Molecular Transporters Based on Lactose Scaffolds: Lipophilicity Effect on the Intracellular Organellar Selectivity. <i>Chemistry - A European Journal</i> , 2008, 14, 9161-9168.	3.3	25
24	Mercuric Chloride and Iodide Mediated Cyclization of Tethered Alkynedithioacetals as a General Route to Five- and Six-Membered Rings: Tuning of Regioselectivity by Alkyne Substitution. <i>Organic Letters</i> , 2006, 8, 313-316.	4.6	20
25	Expeditious synthesis of enantiopure symmetrical macroheterocycles by ring-closing metathesis of ether and tether-linked 1,2-O-isopropylidenefuranosides. <i>Carbohydrate Research</i> , 2005, 340, 567-578.	2.3	6
26	A comparative study of CuO nanoparticle and CuO/PVA-PVP nanocomposite on the basis of dye removal performance and antibacterial activity in wastewater treatment. <i>International Journal of Environmental Analytical Chemistry</i> , 0, , 1-21.	3.3	12