

# Gagan Dhawan

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

695  
citations

759233

12  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

887  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of gold and silver nanoparticles in cancer nano-medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1210-1220.	2.8	216
2	Fluorine-containing pharmaceuticals approved by the FDA in 2020: Synthesis and biological activity. <i>Chinese Chemical Letters</i> , 2021, 32, 3342-3354.	9.0	79
3	Recent Advances in a Polydopamine-Mediated Antimicrobial Adhesion System. <i>Frontiers in Microbiology</i> , 2020, 11, 607099.	3.5	70
4	Fluorine-containing drugs approved by the FDA in 2021. <i>Chinese Chemical Letters</i> , 2023, 34, 107578.	9.0	67
5	Structure-Guided Design and Development of Potent and Selective Dual Bromodomain 4 (BRD4)/Polo-like Kinase 1 (PLK1) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 7785-7795.	6.4	46
6	One-pot and catalyst-free synthesis of pyrroloquinolinediones and quinolinedicarboxylates. <i>Green Chemistry</i> , 2017, 19, 3851-3855.	9.0	37
7	Sequential (3 + 2) cycloaddition and (5 + 1) annulation for modular synthesis of dihydrobenzoxazines, tetrahydrobenzoxazepines and tetrahydrobenzoxazocines. <i>Green Chemistry</i> , 2018, 20, 3134-3139.	9.0	30
8	A comprehensive review on potential therapeutics interventions for COVID-19. <i>European Journal of Pharmacology</i> , 2021, 890, 173741.	3.5	30
9	Targeting unfolded protein response: a new horizon for disease control. <i>Expert Reviews in Molecular Medicine</i> , 2021, 23, e1.	3.9	24
10	Polydopamine-aminoglycoside nanoconjugates: Synthesis, characterization, antimicrobial evaluation and cytocompatibility. <i>Materials Science and Engineering C</i> , 2020, 107, 110284.	7.3	17
11	Development of Dimethylisoxazole-Attached Imidazo[1,2- <i>a</i> ]pyridines as Potent and Selective CBP/P300 Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 5787-5801.	6.4	15
12	Polyamine-assisted rapid and clean cleavage of oligonucleotides from cis-diol bearing universal support. <i>Nucleic Acids Research</i> , 2002, 30, 130e-130.	14.5	14
13	Synthesis and Characterization of Nanoselenium: A Step-by-Step Guide for Undergraduate Students. <i>Journal of Chemical Education</i> , 2021, 98, 2982-2989.	2.3	12
14	Recyclable Organocatalyst for One-Pot Asymmetric Synthesis of Dihydrofuranone and Tetrahydropyranone Spirooxindoles. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 150-155.	2.4	11
15	<i>Ex vivo</i> binding studies of the anti-cancer drug noscipine with human hemoglobin: a spectroscopic and molecular docking study. <i>New Journal of Chemistry</i> , 2021, 45, 1525-1534.	2.8	7
16	Antimicrobial, radical scavenging, and dye degradation potential of nontoxic biogenic silver nanoparticles using <i>Cassia fistula</i> pods. <i>Chemical Papers</i> , 2021, 75, 979-991.	2.2	7
17	Exploring the role of framework mutations in enabling breadth of a cross-reactive antibody (CR3022) against the SARS-CoV-2 RBD and its variants of concern. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 2341-2354.	3.5	5
18	Self-Assembled Biodegradable Core-Shell Nanocomposites of Amphiphilic Retinoic Acid-LMW bPEI Conjugates Exhibit Enhanced Transgene Expression in Hepatocellular Carcinoma Cells With Inherent Anticancer Properties. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3047-3060.	3.3	4

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19	Facile and Rapid Deprotection Conditions for the Cleavage of Synthetic Oligonucleotides from 1,4-Anhydroerythritol-Based Universal Polymer Support. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2015, 34, 149-162.	1.1	1
20	Nanoparticles as Therapeutic Nanocargos Affecting Epigenome of Microbial Biofilms. , 2021, , 461-481.		0
21	Microarrays: A Road Map to Uncover Host Pathogen Interactions. , 2021, , 125-137.		0
22	Nanobiotechnology: Current and Future Perspectives in Combating Microbial Pathogenesis. , 2019, , 337-350.		0