

# Gaurav Joshi

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,143  
citations

516561

16  
h-index

414303

32  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1460  
citing authors

#	ARTICLE	IF	CITATIONS
1	U.S. FDA Approved Drugs from 2015 to June 2020: A Perspective. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2339-2381.	2.9	314
2	Drugs targeting various stages of the SARS-CoV-2 life cycle: Exploring promising drugs for the treatment of Covid-19. <i>Cellular Signalling</i> , 2020, 74, 109721.	1.7	105
3	Toward an Understanding of Structural Insights of Xanthine and Aldehyde Oxidases: An Overview of their Inhibitors and Role in Various Diseases. <i>Medicinal Research Reviews</i> , 2018, 38, 1073-1125.	5.0	80
4	Structural insights of cyclin dependent kinases: Implications in design of selective inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 142, 424-458.	2.6	56
5	Nano-Co-Delivery of Berberine and Anticancer Drug Using PLGA Nanoparticles: Exploration of Better Anticancer Activity and In Vivo Kinetics. <i>Pharmaceutical Research</i> , 2019, 36, 149.	1.7	49
6	A review on pharmacophoric designs of antiproliferative agents. <i>Medicinal Chemistry Research</i> , 2015, 24, 903-920.	1.1	47
7	Growth factors mediated cell signalling in prostate cancer progression: Implications in discovery of anti-prostate cancer agents. <i>Chemico-Biological Interactions</i> , 2015, 240, 120-133.	1.7	44
8	Imine/amide-imidazole conjugates derived from 5-amino-4-cyano- N 1-substituted benzyl imidazole: Microwave-assisted synthesis and anticancer activity via selective topoisomerase-II inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 5654-5661.	1.4	37
9	Pyrimidine-fused Derivatives: Synthetic Strategies and Medicinal Attributes. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 3175-3210.	1.0	30
10	Relay tricyclic Pd(ii)/Ag(i) catalysis: design of a four-component reaction driven by nitrene-transfer on isocyanide yields inhibitors of EGFR. <i>Chemical Communications</i> , 2018, 54, 11530-11533.	2.2	29
11	Dual inhibitors of epidermal growth factor receptor and topoisomerase II derived from a quinoline scaffold. <i>RSC Advances</i> , 2016, 6, 77717-77734.	1.7	27
12	Pyrimidine containing epidermal growth factor receptor kinase inhibitors: Synthesis and biological evaluation. <i>Chemical Biology and Drug Design</i> , 2017, 90, 995-1006.	1.5	24
13	Synthesis and biological evaluation of new 2,5-dimethylthiophene/furan based N-acetyl pyrazolines as selective topoisomerase II inhibitors. <i>RSC Advances</i> , 2016, 6, 14880-14892.	1.7	23
14	E-pharmacophore guided discovery of pyrazolo[1,5-c]quinazolines as dual inhibitors of topoisomerase-I and histone deacetylase. <i>Bioorganic Chemistry</i> , 2020, 94, 103409.	2.0	23
15	Design, synthesis, biological evaluation of 3,5-diaryl-4,5-dihydro-1H-pyrazole carbaldehydes as non-purine xanthine oxidase inhibitors: Tracing the anticancer mechanism via xanthine oxidase inhibition. <i>Bioorganic Chemistry</i> , 2021, 107, 104620.	2.0	18
16	Doxorubicin and Crocin Co-delivery by Polymeric Nanoparticles for Enhanced Anticancer Potential <i>in Vitro</i> and <i>In Vivo</i> . <i>ACS Applied Bio Materials</i> , 2020, 3, 7789-7799.	2.3	17
17	Anticancer potential of some imidazole and fused imidazole derivatives: exploring the mechanism <i>in vitro</i> epidermal growth factor receptor (EGFR) inhibition. <i>RSC Medicinal Chemistry</i> , 2020, 11, 923-939.	1.7	17
18	Exploring the COVID-19 vaccine candidates against SARS-CoV-2 and its variants: where do we stand and where do we go?. <i>Human Vaccines and Immunotherapeutics</i> , 2024, 17, 4714-4740.	1.4	16

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19	Pd-Catalyzed Four-Component Sequential Reaction Delivers a Modular Fluorophore Platform for Cell Imaging. <i>Journal of Organic Chemistry</i> , 2019, 84, 3817-3825.	1.7	14
20	Design and Synthesis of Non-Covalent Imidazo[1,2-a]quinoxaline-Based Inhibitors of EGFR and Their Anti-Cancer Assessment. <i>Molecules</i> , 2021, 26, 1490.	1.7	13
21	Recent efforts for drug identification from phytochemicals against SARS-CoV-2: Exploration of the chemical space to identify druggable leads. <i>Food and Chemical Toxicology</i> , 2021, 152, 112160.	1.8	13
22	Cyclocondensation reactions of an electron deactivated 2-aminophenyl tethered imidazole with mono/1,2-biselectrophiles: synthesis and DFT studies on the rationalisation of imidazo[1,2-a]quinoxaline versus benzo[f]imidazo[1,5-a][1,3,5]triazepine selectivity switches. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3526-3533.	2.3	12
23	Exploration of Pd-catalysed four-component tandem reaction for one-pot assembly of pyrazolo[1,5-c]quinazolines as potential EGFR inhibitors. <i>Bioorganic Chemistry</i> , 2019, 93, 103314.	2.0	12
24	Knoevenagel/Tandem Knoevenagel and Michael Adducts of Cyclohexane-1,3-dione and Aryl Aldehydes: Synthesis, DFT Studies, Xanthine Oxidase Inhibitory Potential, and Molecular Modeling. <i>ACS Omega</i> , 2019, 4, 4604-4614.	1.6	12
25	Synthetic Versus Enzymatic Pictet-Spengler Reaction: An Overview. <i>Current Organic Synthesis</i> , 2018, 15, 924-939.	0.7	12
26	Exploring the magic bullets to identify Achilles's™ heel in SARS-CoV-2: Delving deeper into the sea of possible therapeutic options in Covid-19 disease: An update. <i>Food and Chemical Toxicology</i> , 2021, 147, 111887.	1.8	11
27	Anticancer activity of dihydropyrazolo[1,5-a]quinazolines against rat C6 glioma cells via inhibition of topoisomerase II. <i>Archiv Der Pharmazie</i> , 2018, 351, e1800023.	2.1	10
28	A Perspective on Medicinal Chemistry Approaches for Targeting Pyruvate Kinase M2. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 1171-1205.	2.9	10
29	Design, synthesis and anticancer activity of 2-arylimidazo[1,2-a]pyridinyl-3-amines. <i>Bioorganic Chemistry</i> , 2022, 118, 105464.	2.0	9
30	Omicron, a new SARS-CoV-2 variant: assessing the impact on severity and vaccines efficacy. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-2.	1.4	9
31	Current insights toward kidney injury: Decrypting the dual role and mechanism involved of herbal drugs in inducing kidney injury and its treatment. <i>Current Research in Biotechnology</i> , 2020, 2, 161-175.	1.9	8
32	Epidermal Growth Factor Receptor and its Trafficking Regulation by Acetylation: Implication in Resistance and Exploring the Newer Therapeutic Avenues in Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1105-1123.	1.0	8
33	Biodegradable nanoparticulate co-delivery of flavonoid and doxorubicin: Mechanistic exploration and evaluation of anticancer effect in vitro and in vivo. <i>Biomaterials and Biosystems</i> , 2021, 3, 100022.	1.0	7
34	Epidermal Growth Factor Receptor (EGFR) and its Cross-Talks with Topoisomerases: Challenges and Opportunities for Multi-Target Anticancer Drugs. <i>Current Pharmaceutical Design</i> , 2016, 22, 3226-3236.	0.9	7
35	Exploring insights of hydroxychloroquine, a controversial drug in Covid-19: An update. <i>Food and Chemical Toxicology</i> , 2021, 151, 112106.	1.8	6
36	Unanticipated Cleavage of 2-Nitrophenyl-Substituted <i>N</i> -Formyl Pyrazolines under Bechamp Conditions: Unveiling the Synthesis of 2-Aryl Quinolines and Their Mechanistic Exploration via DFT Studies. <i>ACS Omega</i> , 2018, 3, 18783-18790.	1.6	4

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37	Role of 2-Dimensional Autocorrelation Descriptors in Predicting Antimalarial Activity of Artemisinin and its Analogues: A QSAR Study. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2720-2730.	1.0	3
38	p53-Mediated Anticancer Activity of <i>Citrullus colocynthis</i> Extracts. <i>Natural Products Journal</i> , 2019, 9, 303-311.	0.1	2
39	Selection of Active Antiviral Compounds Against COVID-19 Disease Targeting Coronavirus Endoribonuclease Nsp15 Via Ligandbased Virtual Screening and Molecular Docking. <i>Letters in Drug Design and Discovery</i> , 2021, 18, 610-619.	0.4	1
40	Microwave assisted synthesis, spectral, magnetic and bioevaluation of few Mn (II)-amide complexes. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	0
41	Natural Products Based Ayurvedic Formulations: Chemical Constituents and Treatment in Neurodegenerative Disorders. <i>Mini-Reviews in Organic Chemistry</i> , 2017, 14, .	0.6	0
42	Pd-catalysed [3+2]-Cycloaddition towards the generation of bioactive bis-heterocycles/Identification of COX-2 inhibitors via in silico analysis. <i>Organic and Biomolecular Chemistry</i> , 0, , .	1.5	0