

Gaurav Joshi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38

papers

573

citations

13

h-index

23

g-index

47

ext. papers

835

ext. citations

4.3

avg, IF

4.52

L-index

#	Paper	IF	Citations
38	Design, synthesis and anticancer activity of 2-arylimidazo[1,2-a]pyridinyl-3-amines. <i>Bioorganic Chemistry</i> , 2022 , 118, 105464	5.1	3
37	Omicron, a new SARS-CoV-2 variant: assessing the impact on severity and vaccines efficacy.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-2	4.4	0
36	A Perspective on Medicinal Chemistry Approaches for Targeting Pyruvate Kinase M2. <i>Journal of Medicinal Chemistry</i> , 2021 ,	8.3	2
35	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> , 2021 , 1-27	4.4	4
34	Exploring insights of hydroxychloroquine, a controversial drug in Covid-19: An update. <i>Food and Chemical Toxicology</i> , 2021 , 151, 112106	4.7	3
33	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	4.7	5
32	Exploring the magic bullets to identify AchillesSheel 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	4.7	6
31	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	5.1	5
30	U.S. FDA Approved Drugs from 2015-June 2020: A Perspective. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2339-2381	8.3	75
29	Selection of Active Antiviral Compounds Against COVID-19 Disease Targeting Coronavirus Endoribonuclease Nendou/NSP15 Via Ligandbased Virtual Screening and Molecular Docking. <i>Letters in Drug Design and Discovery</i> , 2021 , 18, 610-619	0.8	0
28	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
27	Anticancer potential of some imidazole and fused imidazole derivatives: exploring the mechanism epidermal growth factor receptor (EGFR) inhibition. <i>RSC Medicinal Chemistry</i> , 2020 , 11, 923-939	3.5	5
26	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	3	4
25	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	5.1	11
24	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	4.9	63
23	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	4.8	2
22	Doxorubicin and Crocin Co-delivery by Polymeric Nanoparticles for Enhanced Anticancer Potential and .. <i>ACS Applied Bio Materials</i> , 2020 , 3, 7789-7799	4.1	8

21	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	5.1	6
20	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	3.9	6
19	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	4.5	31
18	p53-Mediated Anticancer Activity of Citrullus colocynthis Extracts. <i>Natural Products Journal</i> , 2019 , 9, 303-311	0.6	1
17	Pd-Catalyzed Four-Component Sequential Reaction Delivers a Modular Fluorophore Platform for Cell Imaging. <i>Journal of Organic Chemistry</i> , 2019 , 84, 3817-3825	4.2	5
16	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	14.4	53
15	Anticancer activity of dihydropyrazolo[1,5-c]quinazolines against rat C6 glioma cells via inhibition of topoisomerase II. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1800023	4.3	5
14	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	5.8	22
13	Role of 2-Dimensional Autocorrelation Descriptors in Predicting Antimalarial Activity of Artemisinin and its Analogs: A QSAR Study. <i>Current Topics in Medicinal Chemistry</i> , 2018 , 18, 2720-2730	3	3
12	Synthetic Versus Enzymatic Pictet-Spengler Reaction: An Overview. <i>Current Organic Synthesis</i> , 2018 , 15, 924-939	1.9	4
11	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	5.2	9
10	Unanticipated Cleavage of 2-Nitrophenyl-Substituted -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	3.9	3
9	Pyrimidine containing epidermal growth factor receptor kinase inhibitors: Synthesis and biological evaluation. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 995-1006	2.9	18
8	Structural insights of cyclin dependent kinases: Implications in design of selective inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017 , 142, 424-458	6.8	43
7	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	3.7	20
6	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, 3226-36	3.3	6
5	Pyrimidine-fused Derivatives: Synthetic Strategies and Medicinal Attributes. <i>Current Topics in Medicinal Chemistry</i> , 2016 , 16, 3175-3210	3	20
4	Dual inhibitors of epidermal growth factor receptor and topoisomerase III α derived from a quinoline scaffold. <i>RSC Advances</i> , 2016 , 6, 77717-77734	3.7	22

3	Imine/amide-imidazole conjugates derived from 5-amino-4-cyano-N1-substituted benzyl imidazole: Microwave-assisted synthesis and anticancer activity via selective topoisomerase-II- α inhibition. <i>Bioorganic and Medicinal Chemistry</i> , 2015 , 23, 5654-61	3.4	26
2	Growth factors mediated cell signalling in prostate cancer progression: Implications in discovery of anti-prostate cancer agents. <i>Chemico-Biological Interactions</i> , 2015 , 240, 120-33	5	34
1	A review on pharmacophoric designs of antiproliferative agents. <i>Medicinal Chemistry Research</i> , 2015 , 24, 903-920	2.2	36