

Mohd Imran

List of Publications by Year in descending order

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100
papers

1,156
citations

535685

17
h-index

563245

28
g-index

101
all docs

101
docs citations

101
times ranked

890
citing authors

#	ARTICLE	IF	CITATIONS
1	An Updated and Focused Review on Heterocyclic Inhibitors for SARSCoV and SARS-CoV-2 3CLpro. <i>Mini-Reviews in Medicinal Chemistry</i> , 2023, 23, 576-632.	1.1	1
2	Solid-Phase Extraction (SPE) Technique to Quantify Cefdinir in Human Plasma Using Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS). <i>Journal of Chromatographic Science</i> , 2023, 61, 366-374.	0.7	1
3	Antimicrobial Activities of Various Thiazine Based Heterocyclic Compounds: A Mini-Review. <i>Mini-Reviews in Organic Chemistry</i> , 2022, 19, 166-172.	0.6	8
4	Synthetic Methods and Pharmacological Potential of Different Oxazine Analogs. <i>Mini-Reviews in Organic Chemistry</i> , 2022, 19, 513-521.	0.6	2
5	Innovations and development of Covid-19 vaccines: A patent review. <i>Journal of Infection and Public Health</i> , 2022, 15, 123-131.	1.9	27
6	The role of serotonergic and catecholaminergic systems for possible antidepressant activity of apigenin. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 11-17.	1.8	10
7	<i>Tectona grandis</i> L.f: A comprehensive review on its patents, chemical constituents, and biological activities. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 1456-1464.	1.8	3
8	The role of factor V Leiden and prothrombin G20210A mutations for clotting in Sudanese women under oral contraceptive use. <i>Journal of King Saud University - Science</i> , 2022, 34, 101757.	1.6	0
9	In silico Screening of Phytochemicals as Potential Inhibitors of SARS-CoV-2 Mpro and Human ACE-2. <i>International Journal of Pharmacology</i> , 2022, 18, 104-115.	0.1	1
10	Perspectives of Pharmacy University Students on Scientific Research in Comparison to Students from Other Health Science Disciplines. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2022, 56, 17-23.	0.3	0
11	Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis. <i>Pharmaceuticals</i> , 2022, 15, 128.	1.7	20
12	Perceived Stress and its Triggers among Pharmacy University Students in Comparison to Student of Other Faculties: A Cross Sectional Study. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2022, 56, s98-s104.	0.3	0
13	Insight into the Advances in Clinical Trials of SARS-CoV-2 Vaccines. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2022, 2022, 1-16.	0.7	2
14	Insight into the biological impact of COVID-19 and its vaccines on human health. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3326-3337.	1.8	7
15	A Review on the Main Phytoconstituents, Traditional Uses, Inventions, and Patent Literature of Gum Arabic Emphasizing <i>Acacia seyal</i> . <i>Molecules</i> , 2022, 27, 1171.	1.7	19
16	Design, Synthesis, Molecular Docking, and Biological Evaluation of Pyrazole Hybrid Chalcone Conjugates as Potential Anticancer Agents and Tubulin Polymerization Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 280.	1.7	11
17	Combined Therapy with Ivermectin and Doxycycline can effectively alleviate the Cytokine Storm of COVID-19 Infection amid Vaccination Drive: A Narrative Review. <i>Journal of Infection and Public Health</i> , 2022, 15, 566-572.	1.9	1
18	Development of Therapeutic and Prophylactic Zinc Compositions for Use against COVID-19: A Glimpse of the Trends, Inventions, and Patents. <i>Nutrients</i> , 2022, 14, 1227.	1.7	14

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19	UPLC-MS/MS-Based Analysis of Trastuzumab in Plasma Samples: Application in Breast Cancer Patients Sample Monitoring. Processes, 2022, 10, 509.	1.3	0
20	Small molecules as kinetoplastid specific proteasome inhibitors for leishmaniasis: a patent review from 1998 to 2021. Expert Opinion on Therapeutic Patents, 2022, 32, 591-604.	2.4	14
21	Total phenolic, flavonoid contents, and biological activities of stem extracts of Astragalus spinosus (Forssk.) Muschl. grown in Northern Border Province, Saudi Arabia. Saudi Journal of Biological Sciences, 2022, 29, 1277-1282.	1.8	7
22	Epidemiological determinants for the spread of COVID-19 in Riyadh Province of Saudi Arabia. Saudi Journal of Biological Sciences, 2022, 29, 1306-1312.	1.8	1
23	Plumbagin Alleviates Intracerebroventricular-Quinolinic Acid Induced Depression-like Behavior and Memory Deficits in Wistar Rats. Molecules, 2022, 27, 1834.	1.7	4
24	Synthesis, Characterization and Antimycobacterial Activity of Some Substituted Phenylpyridazinone Derivatives. Pharmaceutical Chemistry Journal, 2022, 55, 1367-1371.	0.3	2
25	Obviation of dyslipidemia by garlic oil and its organosulfur compound, diallyl disulphide, in experimental animals. Saudi Journal of Biological Sciences, 2022, 29, 2520-2525.	1.8	5
26	Burden of COVID-19: a preliminary analysis in the population of Saudi Arabia. PeerJ, 2022, 10, e13219.	0.9	8
27	Insights into the Protective Effects of Thymoquinone against Toxicities Induced by Chemotherapeutic Agents. Molecules, 2022, 27, 226.	1.7	7
28	The Therapeutic and Prophylactic Potential of Quercetin against COVID-19: An Outlook on the Clinical Studies, Inventive Compositions, and Patent Literature. Antioxidants, 2022, 11, 876.	2.2	34
29	Nigella sativa L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature. Molecules, 2022, 27, 2750.	1.7	17
30	p-Toluene-sulfonic Acid-catalyzed One-pot, Three-component Synthesis of 4-(4-(Piperidin-1-yl)phenyl)-2-Thioxo-1,2,3,4-Tetrahydro-5H-Chromeno[4,3-d]Pyrimidin-5-One. Oriental Journal of Chemistry, 2022, 38, 406-409.	0.1	0
31	Elevated Vulnerability of Chronic Leukemia Patients to COVID-19 Infection: A Systems Biology Approach. Dr Sulaiman Al Habib Medical Journal, 2022, 4, 32-45.	0.3	1
32	Thiazole: A Versatile Standalone Moiety Contributing to the Development of Various Drugs and Biologically Active Agents. Molecules, 2022, 27, 3994.	1.7	43
33	Insights into the Uses of Traditional Plants for Diabetes Nephropathy: A Review. Current Issues in Molecular Biology, 2022, 44, 2887-2902.	1.0	14
34	A chapter on synthesis of various heterocyclic compounds by environmentally friendly green chemistry technologies. , 2021, , 69-108.		0
35	Standardization and Wound-Healing Activity of Petroleum, Ethanolic and Aqueous Extracts of Ficus Benghalensis Leaves. Pharmaceutical Chemistry Journal, 2021, 54, 1057-1062.	0.3	3
36	Detailed Study on Synthesis, Characterization and Solubility Determination of 6-phenyl-pyridazin-3(2H)-one in Different Pharmaceutical Solvents. , 2021, , 83-100.		0

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37	Synthetic molecules as DprE1 inhibitors: A patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 759-772.	2.4	27
38	APPROACHES FOR CHEMICAL SYNTHESIS AND DIVERSE PHARMACOLOGICAL SIGNIFICANCE OF PYRAZOLONE DERIVATIVES: A REVIEW. <i>Journal of the Chilean Chemical Society</i> , 2021, 66, 5149-5163.	0.5	11
39	Synthesis and Antimycobacterial Activity of 3-(Arylaminomethyl)-5-(Pyridin-4-yl)-1,3,4-Oxadiazole-(3H)-thi-2-One Derivatives Against Mycobacterium Tuberculosis H37rv Strain. <i>Current Bioactive Compounds</i> , 2021, 17, 261-266.	0.2	2
40	Mucormycosis medications: a patent review. <i>Expert Opinion on Therapeutic Patents</i> , 2021, 31, 1-16.	2.4	14
41	Pharmacokinetic and pharmacodynamic interaction of Rosuvastatin calcium with guggulipid extract in rats. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3490-3496.	1.8	3
42	Innovations and Patent Trends in the Development of USFDA Approved Protein Kinase Inhibitors in the Last Two Decades. <i>Pharmaceuticals</i> , 2021, 14, 710.	1.7	27
43	Nanotechnology Integration for SARS-CoV-2 Diagnosis and Treatment: An Approach to Preventing Pandemic. <i>Nanomaterials</i> , 2021, 11, 1841.	1.9	18
44	Trends in the development of remdesivir based inventions against COVID-19 and other disorders: A patent review. <i>Journal of Infection and Public Health</i> , 2021, 14, 1075-1086.	1.9	21
45	Current Status of Novel Pyridine Fused Derivatives as Anticancer Agents: An Insight into Future Perspectives and Structure Activity Relationship (SAR). <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2292-2349.	1.0	12
46	Knowledge, attitude and practices of healthcare professionals of Riyadh, Saudi Arabia towards covid-19: A cross-sectional study. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5275-5282.	1.8	18
47	Anticancer Drug-Induced Cardiotoxicity: Insights and Pharmacogenetics. <i>Pharmaceuticals</i> , 2021, 14, 970.	1.7	18
48	A Review on Potential Antimutagenic Plants of Saudi Arabia. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8494.	1.3	6
49	Potential Interaction of Fresh Garlic with Metformin during Ischemia-Reperfusion Induced Cardiac Injury in Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-12.	0.5	3
50	Potential role of nicotinamide analogues against SARS-COV-2 target proteins. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 7567-7574.	1.8	3
51	Discovery, Development, and Patent Trends on Molnupiravir: A Prospective Oral Treatment for COVID-19. <i>Molecules</i> , 2021, 26, 5795.	1.7	125
52	Identifying Mucormycosis Severity in Indian COVID-19 Patients: A Nano-Based Diagnosis and the Necessity for Critical Therapeutic Intervention. <i>Antibiotics</i> , 2021, 10, 1308.	1.5	13
53	A Patent Review on the Therapeutic Application of Monoclonal Antibodies in COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11953.	1.8	9
54	A Mini-Review on Pharmacological Importance of Benzothiazole Scaffold. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, 1086-1097.	0.6	17

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55	Wireless Networking-Driven Healthcare Approaches in Combating COVID-19. <i>BioMed Research International</i> , 2021, 2021, 1-10.	0.9	5
56	Synthesis and Antibacterial Evaluation of (E)-5-Arylidene-6-Methyl-4,5-Dihydropyridazin-3(2)-Thione Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 915-919.	0.3	2
57	Discovery, Development, Inventions, and Patent Trends on Mobocertinib Succinate: The First-in-Class Oral Treatment for NSCLC with EGFR Exon 20 Insertions. <i>Biomedicines</i> , 2021, 9, 1938.	1.4	13
58	Synthesis, characterization and anticoagulant activity of chitosan derivatives. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 25-32.	1.2	21
59	Novel quinazoline-based EGFR kinase inhibitors: A review focussing on SAR and molecular docking studies (2015-2019). <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112640.	2.6	62
60	Biologically Active Pyridazines and Pyridazinone Derivatives: A Scaffold for the Highly Functionalized Compounds. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 726-744.	0.3	14
61	Study of Various Pyridazine and Phthalazine Drugs with Diverse Therapeutical and Agrochemical Activities. <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 745-767.	0.3	19
62	2-Butyl-6-phenyl-4,5-dihydropyridazin-3(2H)-one: Synthesis, In Silico Studies and In Vitro Cyclooxygenase-2 Inhibitory Activity. <i>MolBank</i> , 2020, 2020, M1155.	0.2	5
63	Effect of Quorum Sensing Inhibitor Agents against <i>Pseudomonas aeruginosa</i> . <i>Russian Journal of Bioorganic Chemistry</i> , 2020, 46, 149-164.	0.3	2
64	Synthesis of novel N ⁶ -substituted phenyl-6-oxo-3-phenylpyridazine derivatives as cyclooxygenase-2 inhibitors. <i>Drug Development Research</i> , 2020, 81, 573-584.	1.4	9
65	An Improved Synthesis of Key Intermediate to the Formation of Selected Indolin-2-Ones Derivatives Incorporating Ultrasound and Deep Eutectic Solvent (DES) Blend of Techniques, for Some Biological Activities and Molecular Docking Studies. <i>Molecules</i> , 2020, 25, 1118.	1.7	5
66	Antitubercular and Anticonvulsant Activities of Phenyl-di-hydropyridazinone Derivatives Containing 2-Substituted amin-1-yl-methyl and 2-(2- <i>H</i> -amin-1-yl) ethyl Moieties. <i>Analytical Chemistry Letters</i> , 2020, 10, 414-427.	0.4	8
67	Experimental and Computational Approaches for Solubility Measurement of Pyridazinone Derivative in Binary (DMSO + Water) Systems. <i>Molecules</i> , 2020, 25, 171.	1.7	42
68	Synthesis, characterization, and DFT modeling of novel organic compound thin films derived from 2-amino-4-(2-hydroxy-3-methoxyphenyl)-4H-thiazolo[3,2-a][1,3,5]triazin-6(7H)-one. <i>Optical Materials</i> , 2020, 105, 109915.	1.7	59
69	Discovery of Novel Pyridazine-Based Cyclooxygenase-2 Inhibitors with a Promising Gastric Safety Profile. <i>Molecules</i> , 2020, 25, 2002.	1.7	17
70	Synthesis and evaluation of antimicrobial properties of some azole derivatives. <i>Tropical Journal of Pharmaceutical Research</i> , 2020, 19, 377-382.	0.2	3
71	Metformin: a review on its ethnobotanical source and versatile uses. <i>Egyptian Pharmaceutical Journal (Egypt)</i> , 2020, 19, 81.	0.1	1
72	Ultrasound-assisted extraction of some branded tea: Optimization based on polyphenol content, antioxidant potential and thermodynamic study. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1043-1052.	1.8	40

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91	Synthesis and Evaluation of Antimicrobial Activity of Some 2-Morpholinomethylamino-4-(7-Unsubstituted/Substituted Coumarin-3-yl)-6-Chlorosubstitutedphenyl Pyrimidines. Tropical Journal of Pharmaceutical Research, 2016, 15, 393.	0.2	10
92	6-(4-Aminophenyl)-4,5-dihydro-3(2H)-pyridazinone - An important chemical moiety for development of cardioactive agents: A review. Tropical Journal of Pharmaceutical Research, 2016, 15, 1579.	0.2	9
93	Synthesis and antimicrobial activity of some 2- Piperidinomethylamino-4-(7-H/substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2016, 15, 1955.	0.2	7
94	Synthesis and Antihypertensive Activity of Some Novel Pyridazinones. Oriental Journal of Chemistry, 2016, 32, 267-274.	0.1	9
95	A UV-Spectrophotometric Chemometric Method for the Simultaneous Determination of Sulfadoxine and Pyrimethamine in Tablets. Asian Journal of Pharmaceutical Research and Health Care, 2016, 8, 76.	0.0	0
96	Molecular Modelling Studies and Angiotensin Converting Enzyme Inhibitory Activity of Some 4-Benzylidene-2- substitutedbenzoyl-6-phenyl-4,5-dihydropyridazin-3(2H)-ones. Biosciences, Biotechnology Research Asia, 2016, 13, 1383-1388.	0.2	0
97	Synthesis and Antimicrobial Activity of Some 2-Amino-4-(7- Substituted/Unsubstituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 2015, 14, 1265.	0.2	12
98	Quality Assessment and Biological Activity Evaluation of Different Brands of Olive Oil. Journal of Pharmaceutical Research International, 0, , 20-28.	1.0	0
99	Zn:Cr Mixed Oxide Catalyzed Facile Construction of 4-Aryl-6-(3-Coumarinyl)Pyrimidin-2(1H)-Ones Derivatives under the Solvent-Free Condition. Polycyclic Aromatic Compounds, 0, , 1-15.	1.4	0
100	Development and Validation of Analytical Method for Determination of an Important Flavonoid in Malva neglecta. Journal of Pharmaceutical Research International, 0, , 1-8.	1.0	0