

Mehnaz Kamal

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

494
citations

687363

13
h-index

839539

18
g-index

65
all docs

65
docs citations

65
times ranked

529
citing authors

#	ARTICLE	IF	CITATIONS
1	Bovine bone-derived natural hydroxyapatite-supported ZnCl ₂ as a sustainable high efficiency heterogeneous biocatalyst for synthesizing amidoalkyl naphthols. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 163, 110533.	4.0	8
2	Discovery, Development, Inventions and Patent Review of Fexinidazole: The First All-Oral Therapy for Human African Trypanosomiasis. <i>Pharmaceuticals</i> , 2022, 15, 128.	3.8	20
3	Plumbagin Alleviates Intracerebroventricular-Quinolinic Acid Induced Depression-like Behavior and Memory Deficits in Wistar Rats. <i>Molecules</i> , 2022, 27, 1834.	3.8	4
4	Synthesis, Characterization and Antimycobacterial Activity of Some Substituted Phenylpyridazinone Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2022, 55, 1367-1371.	0.8	2
5	Obviation of dyslipidemia by garlic oil and its organosulfur compound, diallyl disulphide, in experimental animals. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 2520-2525.	3.8	5
6	Burden of COVID-19: a preliminary analysis in the population of Saudi Arabia. <i>PeerJ</i> , 2022, 10, e13219.	2.0	8
7	Computational prediction of drug solubility in supercritical carbon dioxide: Thermodynamic and artificial intelligence modeling. <i>Journal of Molecular Liquids</i> , 2022, 354, 118888.	4.9	25
8	Insights into the Protective Effects of Thymoquinone against Toxicities Induced by Chemotherapeutic Agents. <i>Molecules</i> , 2022, 27, 226.	3.8	7
9	State-of-the-Art Review on the Application of Membrane Bioreactors for Molecular Micro-Contaminant Removal from Aquatic Environment. <i>Membranes</i> , 2022, 12, 429.	3.0	14
10	The Therapeutic and Prophylactic Potential of Quercetin against COVID-19: An Outlook on the Clinical Studies, Inventive Compositions, and Patent Literature. <i>Antioxidants</i> , 2022, 11, 876.	5.1	34
11	<i>Nigella sativa</i> L. and COVID-19: A Glance at The Anti-COVID-19 Chemical Constituents, Clinical Trials, Inventions, and Patent Literature. <i>Molecules</i> , 2022, 27, 2750.	3.8	17
12	A Potential Notion on Alzheimer's Disease: Nanotechnology as an Alternative Solution. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-8.	2.7	4
13	Standardization and Wound-Healing Activity of Petroleum, Ethanolic and Aqueous Extracts of <i>Ficus Benghalensis</i> Leaves. <i>Pharmaceutical Chemistry Journal</i> , 2021, 54, 1057-1062.	0.8	3
14	Antimycobacterial assessment and Microwave-assisted synthesis of 2-aryl-3-(4-methylphenylamino)thiazolidin-4-one derivatives. <i>Letters in Organic Chemistry</i> , 2021, 18, .	0.5	0
15	Understanding the role of ACE-2 receptor in pathogenesis of COVID-19 disease: a potential approach for therapeutic intervention. <i>Pharmacological Reports</i> , 2021, 73, 1539-1550.	3.3	48
16	Identification of 3-((1-(Benzyl(2-hydroxy-2-phenylethyl)amino)-1-oxo-3-phenylpropan-2-yl)carbamoyl)pyrazine-2-carboxylic Acid as a Potential Inhibitor of Non-Nucleosidase Reverse Transcriptase Inhibitors through InSilico Ligand- and Structure-Based Approaches. <i>Molecules</i> , 2021, 26, 5262.	3.8	0
17	Optimization of Ultrasonic Extraction of Major Phenolic Components from Flowers of <i>Chav-Patta</i> (<i>Argyrea Speciosa</i> Linn.) Via Response Surface Model. <i>Pharmaceutical Chemistry Journal</i> , 2021, 55, 591-599.	0.8	1
18	Pharmacophore modeling, docking and the integrated use of a ligand- and structure-based virtual screening approach for novel DNA gyrase inhibitors: synthetic and biological evaluation studies. <i>RSC Advances</i> , 2021, 11, 34462-34478.	3.6	6

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19	Development and Validation of LC-ESI-MS/MS Method for the Determination of Alfuzosin in Human Plasma. <i>Journal of Analytical Chemistry</i> , 2021, 76, 1327-1335.	0.9	0
20	Anti-metastatic and Anticancer Potentials of Synthesized Chalcones in B16-F10 Melanoma Cells Induced Metastatic Lung Cancer in C57BL/6 Mice. <i>Indian Journal of Pharmaceutical Education and Research</i> , 2021, 55, S742-S750.	0.6	2
21	Interleukin-6 expression and its modulation by diacerein in a rat model of chronic stress induced cardiac dysfunction. <i>Heliyon</i> , 2021, 7, e08522.	3.2	6
22	Evaluation of Haloxylon Persicum Leaves Ethanolic Extract for Phytochemical, Antioxidant, Anticancer, and Antimicrobial Properties. <i>Current Topics in Nutraceutical Research</i> , 2021, 20, 424-430.	0.1	0
23	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.	0.8	2
24	An eco-friendly HPLC-UV method for the determination of risedronate in its bulk and tablet dosage form with application to content uniformity, dissolution and stability testing. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 1301-1308.	2.7	8
25	Pyrethroid-Induced Organ Toxicity and Anti-Oxidant-Supplemented Amelioration of Toxicity and Organ Damage: The Protective Roles of Ascorbic Acid and α -Tocopherol. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6177.	2.6	10
26	Pharmacophore-based approaches in the rational repurposing technique for FDA approved drugs targeting SARS-CoV-2. <i>RSC Advances</i> , 2020, 10, 40264-40275.	3.6	21
27	Hepatoprotective activity of depsidone enriched <i>Cladonia rangiferina</i> extract against alcohol-induced hepatotoxicity targeting cytochrome P450 2E1 induced oxidative damage. <i>Saudi Pharmaceutical Journal</i> , 2020, 28, 519-527.	2.7	3
28	Neuroprotective Effects of Co-Administration of Selegiline with Piracetam on Cognitive Impairment: Involvement of NR2B, NR1 and Bax Signaling Pathway. <i>International Journal of Pharmacology</i> , 2020, 16, 529-541.	0.3	0
29	Neuroprotective Effect of <i>Bambusa arundinaceae</i> Leaves Extract on Learning and Memory Impairment in Mice: Impact on NR2B, NR1 and GAP Pathways. <i>International Journal of Pharmacology</i> , 2020, 16, 244-256.	0.3	2
30	Oxidative free radicals scavenging activity (in vitro and in vivo assay) of standardized fractions from the seeds of <i>Argyrea speciosa</i> (Ghav-patta) a traditional Indian medicine. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 1210-1215.	2.7	7
31	Natural products and their active principles used in the treatment of neurodegenerative diseases: a review. <i>Oriental Pharmacy and Experimental Medicine</i> , 2019, 19, 343-365.	1.2	12
32	In vitro wound healing activity of 1-hydroxy-5,7-dimethoxy-2-naphthalene-carboxaldehyde (HDNC) and other isolates of <i>Aegle marmelos</i> L.: Enhances keratinocytes motility via Wnt/ β -catenin and RAS-ERK pathways. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 532-539.	2.7	14
33	Comparative study of subchronic toxicities of mosquito repellents (coils, mats and liquids) on vital organs in Swiss albino mice. <i>Saudi Pharmaceutical Journal</i> , 2019, 27, 348-353.	2.7	16
34	Identification of Hydroxamic Acid Based Selective HDAC1 Inhibitors: Computer Aided Drug Design Studies. <i>Current Computer-Aided Drug Design</i> , 2019, 15, 145-166.	1.2	8
35	Antitumor activity of extract and isolated compounds from <i>Drechslera rostrata</i> and <i>Eurotium tonophilum</i> . <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 279-285.	2.7	12
36	Anticonvulsant and neuroprotective effects of methanolic extract of <i>Cinnamomum camphora</i> leaves in rat brain. <i>Oriental Pharmacy and Experimental Medicine</i> , 2018, 18, 237-246.	1.2	6

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37	The Safety, Efficacy and Therapeutic Potential of Histone Deacetylase Inhibitors with Special Reference to Panobinostat in Gastrointestinal Tumors: A Review of Preclinical and Clinical Studies. <i>Current Cancer Drug Targets</i> , 2018, 18, 720-736.	1.6	18
38	Adaptogenic medicinal plants utilized for strengthening the power of resistance during chemotherapy—a review. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 1-18.	1.2	8
39	Classification, causes, diagnosis and treatment of male infertility: a review. <i>Oriental Pharmacy and Experimental Medicine</i> , 2017, 17, 89-109.	1.2	18
40	Design, synthesis and evaluation of benzofuran-acetamide scaffold as potential anticonvulsant agent. <i>Acta Pharmaceutica</i> , 2016, 66, 353-372.	2.0	13
41	Therapeutic Potential of Polyherbal Formulation Against Experimentally Induced Insulin Resistant Myocardial Infarction in Rats. <i>International Journal of Pharmacology</i> , 2016, 12, 863-873.	0.3	1
42	Estrogenic activity of a hydro-alcoholic extract of <i>Bambusa arundinacea</i> leaves on female wistar rats. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2015, 6, 19.	1.0	11
43	Phytochemical and Analytical Evaluation of Kachnal (<i>Bauhinia racemosa</i> Lam.) Bark. <i>Current Traditional Medicine</i> , 2015, 1, 136-144.	0.4	9
44	Antidepressant Activity of Alcoholic Extract of the Fruits of <i>Osmanthus fragrans</i> Lour in Mice. <i>Research Journal of Medicinal Plant</i> , 2015, 9, 187-193.	0.3	3
45	A comparative study of neuroprotective effect of angiotensin converting enzyme inhibitors against scopolamine-induced memory impairments in rats. <i>Journal of Advanced Pharmaceutical Technology and Research</i> , 2015, 6, 130.	1.0	16
46	Evaluation of <i>Cucurbita maxima</i> Extract against Scopolamine- Induced Amnesia in Rats: Implication of Tumour Necrosis Factor Alpha. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2014, 69, 407-417.	1.4	21
47	Synthesis, Anticonvulsant and Neurotoxicity Evaluation of Some Newer N-(2-benzoylbenzofuran-3-yl)-3-(substituted)-propanamide Analogs. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2014, 13, 159-165.	1.1	3
48	SYNTHESIS AND ANTICONVULSANT SCREENING OF SOME NOVEL DERIVATIVES OF SUBSTITUTED BENZOFURAN. <i>International Journal of Biomedical and Advance Research</i> , 2012, 3, .	0.1	1
49	PHARMACOLOGICAL ACTIVITIES OF <i>LAWSONIA INERMIS</i> LINN.: A REVIEW. <i>International Journal of Biomedical Research</i> , 2011, 1, .	0.1	11
50	1,3,4-THIADIAZOLE AS ANTIMICROBIAL AGENT: A REVIEW. <i>International Journal of Biomedical Research</i> , 2011, 2, .	0.1	12
51	HERBAL DRUGS IN MIRROR OF ANXIETY DISORDER -A REVIEW. <i>International Journal of Biomedical Research</i> , 2011, 2, .	0.1	4
52	Anticonvulsant and neurotoxicity evaluation of new bromophthalimidobutyryl amide derivatives. <i>Acta Poloniae Pharmaceutica</i> , 2009, 66, 65-8.	0.1	2
53	Evaluation of Antidepressant and Anxiolytic Activity of <i>Solanum melongena</i> L. Fruits Aqueous Extract via Monoaminergic and GABAergic Pathway. <i>Journal of Pharmaceutical Research International</i> , 0, , 1-9.	1.0	1
54	Evaluation of Antidiabetic Activity of Polyherbal Formulation “Vasant Kusumakar Rasâ€•on Alloxan-induced and Dexamethasone-induced Diabetic Rats. <i>Journal of Pharmaceutical Research International</i> , 0, , 13-22.	1.0	0

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55	Antimycobacterial Evaluation and Microwave-Assisted Synthesis of N-(5-methyl-4-oxo-2-arylthiazolidin-3-yl) Isonicotinamide Derivatives. Pharmaceutical Chemistry Journal, 0, , .	0.8	0