

Faheem Hyder Pottoo

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

2,370
citations

218381

26
h-index

253896

43
g-index

109
all docs

109
docs citations

109
times ranked

2601
citing authors

#	ARTICLE	IF	CITATIONS
1	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
2	Preparation of a novel curcumin nanoemulsion by ultrasonication and its comparative effects in wound healing and the treatment of inflammation. <i>RSC Advances</i> , 2019, 9, 20192-20206.	1.7	124
3	Global, regional, and national burden of respiratory tract cancers and associated risk factors from 1990 to 2019: a systematic analysis for the Global Burden of Disease Study 2019. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1030-1049.	5.2	86
4	Bioinspired Nanocomposites: Applications in Disease Diagnosis and Treatment. <i>Pharmaceutical Nanotechnology</i> , 2019, 7, 206-219.	0.6	63
5	Nanopaclitaxel therapy: an evidence based review on the battle for next-generation formulation challenges. <i>Nanomedicine</i> , 2019, 14, 1323-1341.	1.7	61
6	Paclitaxel-loaded Nanolipidic Carriers with Improved Oral Bioavailability and Anticancer Activity against Human Liver Carcinoma. <i>AAPS PharmSciTech</i> , 2019, 20, 87.	1.5	60
7	Lipid-based nanoformulations in the treatment of neurological disorders. <i>Drug Metabolism Reviews</i> , 2020, 52, 185-204.	1.5	59
8	Targets and strategies for vaccine development against SARS-CoV-2. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111254.	2.5	58
9	Gum ghatti mediated, one pot green synthesis of optimized gold nanoparticles: Investigation of process-variables impact using Box-Behnken based statistical design. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 758-767.	3.6	55
10	Daunorubicin oral bioavailability enhancement by surface coated natural biodegradable macromolecule chitosan based polymeric nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2019, 128, 825-838.	3.6	54
11	Targeted delivery of miRNA based therapeutics in the clinical management of Glioblastoma Multiforme. <i>Seminars in Cancer Biology</i> , 2021, 69, 391-398.	4.3	49
12	Biological Signatures of Alzheimer's Disease. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 770-781.	1.0	49
13	Role of Rutin Nanoemulsion in Ameliorating Oxidative Stress: Pharmacokinetic and Pharmacodynamics Studies. <i>Chemistry and Physics of Lipids</i> , 2020, 228, 104890.	1.5	45
14	Micro-RNAs in the regulation of immune response against SARS CoV-2 and other viral infections. <i>Journal of Advanced Research</i> , 2021, 30, 133-145.	4.4	45
15	Bioresponse Inspired Nanomaterials for Targeted Drug and Gene Delivery. <i>Pharmaceutical Nanotechnology</i> , 2019, 7, 220-233.	0.6	44
16	Nanosuspension-Based Aloe vera Gel of Silver Sulfadiazine with Improved Wound Healing Activity. <i>AAPS PharmSciTech</i> , 2017, 18, 3274-3285.	1.5	43
17	The Synergistic Effect of Raloxifene, Fluoxetine, and Bromocriptine Protects Against Pilocarpine-Induced Status Epilepticus and Temporal Lobe Epilepsy. <i>Molecular Neurobiology</i> , 2019, 56, 1233-1247.	1.9	43
18	Nanotechnological based miRNA intervention in the therapeutic management of neuroblastoma. <i>Seminars in Cancer Biology</i> , 2021, 69, 100-108.	4.3	42

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19	Role of environmental pollutants in Alzheimer's disease: a review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44724-44742.	2.7	40
20	Estrogen and Serotonin: Complexity of Interactions and Implications for Epileptic Seizures and Epileptogenesis. <i>Current Neuropharmacology</i> , 2019, 17, 214-231.	1.4	39
21	Current Progress in Synthesis, Characterization and Applications of Silver Nanoparticles: Precepts and Prospects. <i>Recent Patents on Anti-infective Drug Discovery</i> , 2018, 13, 53-69.	0.5	35
22	Natural Anti-inflammatory Compounds as Drug Candidates in Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2021, 28, 4799-4825.	1.2	35
23	Neuroinflammation: A Potential Risk for Dementia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 616.	1.8	34
24	Neuron-Glia interactions: Molecular basis of Alzheimer's disease and applications of neuroproteomics. <i>European Journal of Neuroscience</i> , 2020, 52, 2931-2943.	1.2	32
25	Brain-Derived Neurotrophic Factor in Neurodegenerative Disorders. <i>Biomedicines</i> , 2022, 10, 1143.	1.4	31
26	Therapeutic Nanoemulsion: Concept to Delivery. <i>Current Pharmaceutical Design</i> , 2020, 26, 1145-1166.	0.9	30
27	Molecular Insights into the Role of Inflammation and Oxidative Stress in Epilepsy. <i>Journal of Advances in Medical and Pharmaceutical Sciences</i> , 2016, 10, 1-9.	0.2	30
28	Convenient Synthesis and Anticancer Activity of Methyl 2-[3-(3-Phenyl-quinoxalin-2-ylsulfanyl)propanamido]alkanoates and <i>N</i> -Alkyl 3-((3-Phenyl-quinoxalin-2-yl)sulfanyl)propanamides. <i>ACS Omega</i> , 2019, 4, 18555-18566.	1.6	29
29	Molecular Mechanisms of Thymoquinone as Anticancer Agent. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1644-1653.	0.6	29
30	An Overview of Piperazine Scaffold as Promising Nucleus for Different Therapeutic Targets. <i>Current Pharmaceutical Design</i> , 2020, 26, 4373-4385.	0.9	27
31	A novel self-nanoemulsifying drug delivery system for curcumin used in the treatment of wound healing and inflammation. <i>3 Biotech</i> , 2019, 9, 360.	1.1	26
32	QbD Applications for the Development of Nanopharmaceutical Products. , 2019, , 229-253.		26
33	Raloxifene potentiates the effect of fluoxetine against maximal electroshock induced seizures in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 146, 105261.	1.9	26
34	Raloxifene protects against seizures and neurodegeneration in a mouse model mimicking epilepsy in postmenopausal woman. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 65, 167-173.	1.9	25
35	Thymoquinone: Review of Its Potential in the Treatment of Neurological Diseases. <i>Pharmaceuticals</i> , 2022, 15, 408.	1.7	25
36	Liposomes: Novel Drug Delivery Approach for Targeting Parkinson's Disease. <i>Current Pharmaceutical Design</i> , 2020, 26, 4721-4737.	0.9	24

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37	Immune system response during viral Infections: Immunomodulators, cytokine storm (CS) and Immunotherapeutics in COVID-19. Saudi Pharmaceutical Journal, 2021, 29, 173-187.	1.2	23
38	Effect of environmental toxicants on neuronal functions. Environmental Science and Pollution Research, 2020, 27, 44906-44921.	2.7	22
39	QbD approached comparison of reaction mechanism in microwave synthesized gold nanoparticles and their superior catalytic role against hazardous nitro dye. Applied Organometallic Chemistry, 2019, 33, e5071.	1.7	21
40	Therapeutic Intervention of <i>Aloe</i> Gel Containing Nano-Sized and Micron-Sized Silver Sulfadiazine Gel on Second-Degree Burn: A Comparative Study. International Journal of Lower Extremity Wounds, 2018, 17, 176-183.	0.6	18
41	Natural, Synthetic and their Combinatorial Nanocarriers Based Drug Delivery System in the Treatment Paradigm for Wound Healing Via Dermal Targeting. Current Pharmaceutical Design, 2020, 26, 4551-4568.	0.9	17
42	Cardiovascular Health and The Intestinal Microbial Ecosystem: The Impact of Cardiovascular Therapies on The Gut Microbiota. Microorganisms, 2021, 9, 2013.	1.6	16
43	Polyphenols as Potential Therapeutics for Pain and Inflammation in Spinal Cord Injury. Current Molecular Pharmacology, 2020, 13, .	0.7	15
44	Silver Nanoparticles and their Antimicrobial Applications. Current Nanomedicine, 2019, 8, 215-224.	0.2	15
45	PINK1/Parkin in Neurodegenerative Disorders. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 282-301.	0.1	15
46	Methods and Strategies Used in Green Chemistry: A Review. Current Organic Chemistry, 2020, 24, 2555-2565.	0.9	14
47	Novel Drug Delivery System for Curcumin: Implementation to Improve Therapeutic Efficacy against Neurological Disorders. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 607-615.	0.6	12
48	Current Quest in Natural Bioactive Compounds for Alzheimer's Disease: Multi-Targeted-Designed-Ligand Based Approach with Preclinical and Clinical Based Evidence. Current Drug Targets, 2021, 22, 685-720.	1.0	11
49	Berberine in the Treatment of Neurodegenerative Diseases and Nanotechnology Enabled Targeted Delivery. Combinatorial Chemistry and High Throughput Screening, 2022, 25, 616-633.	0.6	11
50	Skin Permeation of Nanoparticles: Mechanisms Involved and Critical Factors Governing Topical Drug Delivery. Current Pharmaceutical Design, 2020, 26, 4601-4614.	0.9	11
51	Synthesis, Characterization and Anticonvulsant Activity of Novel Fused 1,2,4-Triazolo-1,3,4-Thiadiazoles. Oriental Journal of Chemistry, 2019, 35, 64-70.	0.1	10
52	Role of triggering receptor expressed on myeloid cells 2 (TREM2) in neurodegenerative dementias. European Journal of Neuroscience, 2021, 53, 3294-3310.	1.2	10
53	Green Synthesis, Spectroscopic Characterization and Biomedical Applications of Carbon Nanotubes. Current Pharmaceutical Biotechnology, 2021, 22, 793-807.	0.9	10
54	Recent Advancement of Pyrazole Scaffold Based Neuroprotective Agents: A Review. CNS and Neurological Disorders - Drug Targets, 2022, 21, 940-951.	0.8	10

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55	Recent Advancement in Clinical Application of Nanotechnological Approached Targeted Delivery of Herbal Drugs. , 2020, , 151-172.		10
56	Decoding Novel Mechanisms and Emerging Therapeutic Strategies in Breast Cancer Resistance. Current Drug Metabolism, 2020, 21, 199-210.	0.7	10
57	Exosomes Harnessed as Nanocarriers for Cancer Therapy - Current Status and Potential for Future Clinical Applications. Current Molecular Medicine, 2021, 21, 707-723.	0.6	10
58	A Comprehensive Review on Journey of Pyrrole Scaffold Against Multiple Therapeutic Targets. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 3291-3303.	0.9	10
59	Design of Experiments for the Development of Nanoparticles, Nanomaterials, and Nanocomposites. , 2021, , 151-169.		9
60	Management of Glioblastoma Multiforme by Phytochemicals: Applications of Nanoparticle-Based Targeted Drug Delivery System. Current Drug Targets, 2021, 22, 429-442.	1.0	9
61	Depression: An Insight into Heterocyclic and Cyclic Hydrocarbon Compounds Inspired from Natural Sources. Current Neuropharmacology, 2021, 19, 2020-2037.	1.4	9
62	Thymoquinone Potentiates the Effect of Phenytoin against Electroshock-Induced Convulsions in Rats by Reducing the Hyperactivation of m-TOR Pathway and Neuroinflammation: Evidence from In Vivo, In Vitro and Computational Studies. Pharmaceuticals, 2021, 14, 1132.	1.7	9
63	Nanophytomedicine Based Novel Therapeutic Strategies in Liver Cancer. Current Topics in Medicinal Chemistry, 2020, 20, 1999-2024.	1.0	8
64	Structural Activity Relationship based Medicinal Perspectives of Pyrimidine Derivatives as Anti-Alzheimer's Agents: A Comprehensive Review. CNS and Neurological Disorders - Drug Targets, 2022, 21, 926-939.	0.8	8
65	Nutraceuticals for Sleep Disorders. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 1583-1592.	0.6	8
66	Tamarindus indica fruit: Pharmacognostical standardization, detection of contaminant, and in vitro antioxidant activity. Journal of Pharmacy and Bioallied Sciences, 2019, 11, 355.	0.2	8
67	Nutraceuticals and their Derived Nano-Formulations for the Prevention and Treatment of Alzheimer's Disease. Current Molecular Pharmacology, 2021, 15, 23-50.	0.7	7
68	Secondary Metabolites in the Treatment of Diabetes Mellitus: A Paradigm Shift. Current Drug Metabolism, 2020, 21, 493-511.	0.7	7
69	Insights into Nanotherapeutic Strategies as an Impending Approach to Liver Cancer Treatment. Current Topics in Medicinal Chemistry, 2020, 20, 1839-1854.	1.0	7
70	Opening eyes to therapeutic perspectives of bioactive polyphenols and their nanoformulations against diabetic neuropathy and related complications. Expert Opinion on Drug Delivery, 2021, 18, 427-448.	2.4	7
71	Gene Therapy Repairs for the Epileptic Brain: Potential for Treatment and Future Directions. Current Gene Therapy, 2020, 19, 367-375.	0.9	7
72	Combinatorial Regimen of Carbamazepine and Imipramine Exhibits Synergism against Grandmal Epilepsy in Rats: Inhibition of Pro-Inflammatory Cytokines and PI3K/Akt/mTOR Signaling Pathway. Pharmaceuticals, 2021, 14, 1204.	1.7	7

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73	The synthesis and antiproliferative activity of new <i>N</i> -allyl quinoxalinecarboxamides and their <i>O</i> -regioisomers. <i>New Journal of Chemistry</i> , 2021, 45, 831-849.	1.4	6
74	Bromocriptine Mesylate Protects against Status Epilepticus and Temporal Lobe Epilepsy: Neurobehavioral, Histopathological and Neurochemical Evidences. <i>International Neuropsychiatric Disease Journal</i> , 2016, 6, 1-13.	0.1	6
75	Nanoparticle Based Gene Therapy Approach: A Pioneering Rebellion in the Management of Psychiatric Disorders. <i>Current Gene Therapy</i> , 2020, 20, 164-173.	0.9	6
76	Recent Insights into Therapeutic Potential of Plant-Derived Flavonoids against Cancer. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 3343-3369.	0.9	6
77	Application of In silico Methods in the Design of Drugs for Neurodegenerative Diseases. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 995-1011.	1.0	5
78	Bioactive Heterocyclic Compounds as Potential Therapeutics in the Treatment of Gliomas: A Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 551-565.	0.9	5
79	In Vitro Propagation, Development and Validation of HPTLC Method for Quantification of Steroidal Glycoalkaloid Solasodine in In Vitro Culture and Plant Parts of Solanum Nigrum. <i>Oriental Journal of Chemistry</i> , 2018, 34, 2728-2734.	0.1	4
80	Newly synthesized 3-(4-chloro-phenyl)-3-hydroxy-2,2-dimethyl-propionic acid methyl ester derivatives selectively inhibit the proliferation of colon cancer cells. <i>RSC Advances</i> , 2020, 10, 8825-8841.	1.7	4
81	Myricanol-9-acetate, a Novel Naturally Occurring Derivative of Myricanol, Induces ROS-dependent Mitochondrial-mediated Apoptosis in MCF-7 Cancer Cells. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1418-1427.	1.0	4
82	Insights of Nanophytomedicines as a Combinatorial Therapy in Disease Diagnosis and Treatment. , 2020, , 113-132.		4
83	Applications of Exosomes in Targeted Drug Delivery for the Treatment of Parkinson's Disease: A Review of Recent Advances and Clinical Challenges. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 2777-2788.	1.0	4
84	Lipid Nanoformulations in the Treatment of Neuropsychiatric Diseases: An Approach to Overcome the Blood Brain Barrier. <i>Current Drug Metabolism</i> , 2020, 21, 674-684.	0.7	4
85	Molecular Chaperones in Neurodegeneration. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 354-379.	0.1	4
86	Nanophytomedicine Ethical Issues, Regulatory Aspects, and Challenges. , 2020, , 173-192.		4
87	Nano-Nutraceuticals Dietary Supplements for Athletes: An Eminent Approach for Managing Traumatic Brain Injuries. <i>Current Molecular Pharmacology</i> , 2022, 15, 1-2.	0.7	4
88	miRNAs in the Regulation of Cancer Immune Response: Effect of miRNAs on Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 6145.	1.7	4
89	Synthesis and Anti proliferative Activity of New <i>N</i> -Pentylquinoxaline carboxamides and Their <i>O</i> -Regioisomer. <i>ChemistrySelect</i> , 2020, 5, 13439-13453.	0.7	3
90	Protein Quality Control in Neurodegeneration and Neuroprotection. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 1-24.	0.1	3

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91	Autophagic Dysfunction in Dementia: Scope for the Development of Potential Remedies. CNS and Neurological Disorders - Drug Targets, 2021, 20, 704-722.	0.8	3
92	Potential of Nano-Structured Drug Delivery System for Phytomedicine Delivery. , 2020, , 89-111.		3
93	Off-label Medications Use in the Eastern Province of Saudi Arabia: The Views of General Practitioners, Pediatricians, and Other Specialists. Hospital Pharmacy, 2020, 55, 37-43.	0.4	2
94	An Overview and Therapeutic Promise of Nutraceuticals against Sports-Related Brain Injury. Current Molecular Pharmacology, 2021, 14, .	0.7	2
95	Dissecting the Therapeutic Relevance of Gene Therapy in NeuroAIDS: An Evolving Epidemic. Current Gene Therapy, 2020, 20, 174-183.	0.9	2
96	Beclin 1 Complex and Neurodegenerative Disorders. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 236-260.	0.1	2
97	Proteomic Analysis of Huntington's Disease. Current Protein and Peptide Science, 2020, 21, 1218-1222.	0.7	2
98	Application of Contemporary Neuroproteomic Techniques in Unravelling Neurological Disorders. Current Protein and Peptide Science, 2020, 21, 1146-1163.	0.7	2
99	Nanotechnological Approaches for the Treatment of Triple-Negative Breast Cancer: A Comprehensive Review. Current Drug Metabolism, 2022, 23, 781-799.	0.7	2
100	Herbal medicine: current progress, and challenges. Current Bioactive Compounds, 2019, 15, .	0.2	0
101	Structural Proteomics: Detection of Neurodegenerative Protein Modifications. Current Protein and Peptide Science, 2021, 22, 641-655.	0.7	0
102	Pharmacokinetics, Interaction, and Toxicological Profile of Nanophytomedicine. , 2020, , 133-149.		0
103	Nanomedicine Based Phytoformulation in Disease Diagnosis and Treatment. , 2020, , 193-218.		0
104	Structural Activity Relationship based Medicinal Perspectives of Pyrimidine Derivatives as Anti-Alzheimer's Agents: A Comprehensive Review. CNS and Neurological Disorders - Drug Targets, 2022, 21, .	0.8	0
105	Structural Activity Relationship-based Medicinal perceptions of Pyrazoline derivatives as Anti-Cancer Agents: A Review. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, .	0.9	0
106	Myrica esculenta Buch.-Ham. (ex D. Don): A Review of its Phytochemistry, Pharmacology and Nutritional Potential. Combinatorial Chemistry and High Throughput Screening, 2022, 25, .	0.6	0