

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	Recent Advancement of Pyrazole Scaffold Based Neuroprotective Agents: A Review. CNS and Neurological Disorders - Drug Targets, 2022, 21, 940-951.	0.8	10
2	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
3	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
4	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
5	Bioactive Heterocyclic Compounds as Potential Therapeutics in the Treatment of Gliomas: A Review. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 551-565.	0.9	5
6	Nano-Nutraceuticals Dietary Supplements for Athletes: An Eminent Approach for Managing Traumatic Brain Injuries. Current Molecular Pharmacology, 2022, 15, 1-2.	0.7	4
7	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
8	Neuroinflammation: A Potential Risk for Dementia. International Journal of Molecular Sciences, 2022, 23, 616.	1.8	34
9	Thymoquinone: Review of Its Potential in the Treatment of Neurological Diseases. Pharmaceuticals, 2022, 15, 408.	1.7	25
10	Recent Insights into Therapeutic Potential of Plant-Derived Flavonoids against Cancer. Anti-Cancer Agents in Medicinal Chemistry, 2022, 22, 3343-3369.	0.9	6
11	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
12	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
13	Brain-Derived Neurotropic Factor in Neurodegenerative Disorders. Biomedicines, 2022, 10, 1143.	1.4	31
14	Nanotechnological Approaches for the Treatment of Triple-Negative Breast Cancer: A Comprehensive Review. Current Drug Metabolism, 2022, 23, 781-799.	0.7	2
15	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
16	Targeted delivery of miRNA based therapeutics in the clinical management of Glioblastoma Multiforme. Seminars in Cancer Biology, 2021, 69, 391-398.	4.3	49
17	Micro-RNAs in the regulation of immune response against SARS CoV-2 and other viral infections. Journal of Advanced Research, 2021, 30, 133-145.	4.4	45
18	The synthesis and antiproliferative activity of new <i>N</i> -allyl quinoxalinecarboxamides and their regioisomers. New Journal of Chemistry, 2021, 45, 831-849.	1.4	6

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19	Nanotechnological based miRNA intervention in the therapeutic management of neuroblastoma. <i>Seminars in Cancer Biology</i> , 2021, 69, 100-108.	4.3	42
20	Design of Experiments for the Development of Nanoparticles, Nanomaterials, and Nanocomposites. , 2021, , 151-169.		9
21	An Overview and Therapeutic Promise of Nutraceuticals against Sports-Related Brain Injury. <i>Current Molecular Pharmacology</i> , 2021, 14, .	0.7	2
22	Immune system response during viral Infections: Immunomodulators, cytokine storm (CS) and Immunotherapeutics in COVID-19. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 173-187.	1.2	23
23	Management of Glioblastoma Multiforme by Phytochemicals: Applications of Nanoparticle-Based Targeted Drug Delivery System. <i>Current Drug Targets</i> , 2021, 22, 429-442.	1.0	9
24	Nutraceuticals and their Derived Nano-Formulations for the Prevention and Treatment of Alzheimer's Disease. <i>Current Molecular Pharmacology</i> , 2021, 15, 23-50.	0.7	7
25	Role of triggering receptor expressed on myeloid cells 2 (TREM2) in neurodegenerative dementias. <i>European Journal of Neuroscience</i> , 2021, 53, 3294-3310.	1.2	10
26	Depression: An Insight into Heterocyclic and Cyclic Hydrocarbon Compounds Inspired from Natural Sources. <i>Current Neuropharmacology</i> , 2021, 19, 2020-2037.	1.4	9
27	Current Quest in Natural Bioactive Compounds for Alzheimer's Disease: Multi-Targeted-Designed-Ligand Based Approach with Preclinical and Clinical Based Evidence. <i>Current Drug Targets</i> , 2021, 22, 685-720.	1.0	11
28	Green Synthesis, Spectroscopic Characterization and Biomedical Applications of Carbon Nanotubes. <i>Current Pharmaceutical Biotechnology</i> , 2021, 22, 793-807.	0.9	10
29	Targets and strategies for vaccine development against SARS-CoV-2. <i>Biomedicine and Pharmacotherapy</i> , 2021, 137, 111254.	2.5	58
30	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
31	Natural Anti-inflammatory Compounds as Drug Candidates in Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2021, 28, 4799-4825.	1.2	35
32	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
33	Molecular Mechanisms of Thymoquinone as Anticancer Agent. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1644-1653.	0.6	29
34	Nutraceuticals for Sleep Disorders. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 1583-1592.	0.6	8
35	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
36	Cardiovascular Health and The Intestinal Microbial Ecosystem: The Impact of Cardiovascular Therapies on The Gut Microbiota. <i>Microorganisms</i> , 2021, 9, 2013.	1.6	16

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37	Exosomes Harnessed as Nanocarriers for Cancer Therapy - Current Status and Potential for Future Clinical Applications. <i>Current Molecular Medicine</i> , 2021, 21, 707-723.	0.6	10
38	Autophagic Dysfunction in Dementia: Scope for the Development of Potential Remedies. <i>CNS and Neurological Disorders - Drug Targets</i> , 2021, 20, 704-722.	0.8	3
39	Structural Proteomics: Detection of Neurodegenerative Protein Modifications. <i>Current Protein and Peptide Science</i> , 2021, 22, 641-655.	0.7	0
40	Opening eyes to therapeutic perspectives of bioactive polyphenols and their nanoformulations against diabetic neuropathy and related complications. <i>Expert Opinion on Drug Delivery</i> , 2021, 18, 427-448.	2.4	7
41	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. <i>Pharmaceuticals</i> , 2021, 14, 1132.	1.7	9
42	Combinatorial Regimen of Carbamazepine and Imipramine Exhibits Synergism against Grandmal Epilepsy in Rats: Inhibition of Pro-Inflammatory Cytokines and PI3K/Akt/mTOR Signaling Pathway. <i>Pharmaceuticals</i> , 2021, 14, 1204.	1.7	7
43	miRNAs in the Regulation of Cancer Immune Response: Effect of miRNAs on Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 6145.	1.7	4
44	Off-label Medications Use in the Eastern Province of Saudi Arabia: The Views of General Practitioners, Pediatricians, and Other Specialists. <i>Hospital Pharmacy</i> , 2020, 55, 37-43.	0.4	2
45	Five insights from the Global Burden of Disease Study 2019. <i>Lancet, The</i> , 2020, 396, 1135-1159.	6.3	335
46	Effect of environmental toxicants on neuronal functions. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44906-44921.	2.7	22
47	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
48	Role of environmental pollutants in Alzheimer's disease: a review. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44724-44742.	2.7	40
49	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
50	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
51	Lipid-based nanoformulations in the treatment of neurological disorders. <i>Drug Metabolism Reviews</i> , 2020, 52, 185-204.	1.5	59
52	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
53	Nanophytomedicine Based Novel Therapeutic Strategies in Liver Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1999-2024.	1.0	8
54	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

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55	Insights of Nanophytomedicines as a Combinatorial Therapy in Disease Diagnosis and Treatment. , 2020, , 113-132.		4
56	Recent Advancement in Clinical Application of Nanotechnological Approached Targeted Delivery of Herbal Drugs. , 2020, , 151-172.		10
57	Liposomes: Novel Drug Delivery Approach for Targeting Parkinsonâ€™s Disease. Current Pharmaceutical Design, 2020, 26, 4721-4737.	0.9	24
58	Therapeutic Nanoemulsion: Concept to Delivery. Current Pharmaceutical Design, 2020, 26, 1145-1166.	0.9	30
59	An Overview of Piperazine Scaffold as Promising Nucleus for Different Therapeutic Targets. Current Pharmaceutical Design, 2020, 26, 4373-4385.	0.9	27
60	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
61	Methods and Strategies Used in Green Chemistry: A Review. Current Organic Chemistry, 2020, 24, 2555-2565.	0.9	14
62	Decoding Novel Mechanisms and Emerging Therapeutic Strategies in Breast Cancer Resistance. Current Drug Metabolism, 2020, 21, 199-210.	0.7	10
63	Secondary Metabolites in the Treatment of Diabetes Mellitus: A Paradigm Shift. Current Drug Metabolism, 2020, 21, 493-511.	0.7	7
64	Dissecting the Therapeutic Relevance of Gene Therapy in NeuroAIDS: An Evolving Epidemic. Current Gene Therapy, 2020, 20, 174-183.	0.9	2
65	Biological Signatures of Alzheimerâ€™s Disease. Current Topics in Medicinal Chemistry, 2020, 20, 770-781.	1.0	49
66	Insights into Nanotherapeutic Strategies as an Impending Approach to Liver Cancer Treatment. Current Topics in Medicinal Chemistry, 2020, 20, 1839-1854.	1.0	7
67	Applications of Exosomes in Targeted Drug Delivery for the Treatment of Parkinsonâ€™s Disease: A Review of Recent Advances and Clinical Challenges. Current Topics in Medicinal Chemistry, 2020, 20, 2777-2788.	1.0	4
68	Lipid Nanoformulations in the Treatment of Neuropsychiatric Diseases: An Approach to Overcome the Blood Brain Barrier. Current Drug Metabolism, 2020, 21, 674-684.	0.7	4
69	Polyphenols as Potential Therapeutics for Pain and Inflammation in Spinal Cord Injury. Current Molecular Pharmacology, 2020, 13, .	0.7	15
70	Protein Quality Control in Neurodegeneration and Neuroprotection. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 1-24.	0.1	3
71	Beclin 1 Complex and Neurodegenerative Disorders. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 236-260.	0.1	2
72	PINK1/Parkin in Neurodegenerative Disorders. Advances in Medical Diagnosis, Treatment, and Care, 2020, , 282-301.	0.1	15

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73	Molecular Chaperones in Neurodegeneration. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2020, , 354-379.	0.1	4
74	Nanophytomedicine Ethical Issues, Regulatory Aspects, and Challenges. , 2020, , 173-192.		4
75	Proteomic Analysis of Huntington's Disease. <i>Current Protein and Peptide Science</i> , 2020, 21, 1218-1222.	0.7	2
76	Application of Contemporary Neuroproteomic Techniques in Unravelling Neurological Disorders. <i>Current Protein and Peptide Science</i> , 2020, 21, 1146-1163.	0.7	2
77	Potential of Nano-Structured Drug Delivery System for Phytomedicine Delivery. , 2020, , 89-111.		3
78	Pharmacokinetics, Interaction, and Toxicological Profile of Nanophytomedicine. , 2020, , 133-149.		0
79	Nanomedicine Based Phytoformulation in Disease Diagnosis and Treatment. , 2020, , 193-218.		0
80	Gene Therapy Repairs for the Epileptic Brain: Potential for Treatment and Future Directions. <i>Current Gene Therapy</i> , 2020, 19, 367-375.	0.9	7
81	Skin Permeation of Nanoparticles: Mechanisms Involved and Critical Factors Governing Topical Drug Delivery. <i>Current Pharmaceutical Design</i> , 2020, 26, 4601-4614.	0.9	11
82	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
83	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
84	QbD approached comparison of reaction mechanism in microwave synthesized gold nanoparticles and their superior catalytic role against hazardous nitro dye. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5071.	1.7	21
85	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
86	Nanopaclitaxel therapy: an evidence based review on the battle for next-generation formulation challenges. <i>Nanomedicine</i> , 2019, 14, 1323-1341.	1.7	61
87	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
88	Bioresponse Inspired Nanomaterials for Targeted Drug and Gene Delivery. <i>Pharmaceutical Nanotechnology</i> , 2019, 7, 220-233.	0.6	44
89	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
90	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

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91	Paclitaxel-loaded Nanolipidic Carriers with Improved Oral Bioavailability and Anticancer Activity against Human Liver Carcinoma. AAPS PharmSciTech, 2019, 20, 87.	1.5	60
92	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
93	Bioinspired Nanocomposites: Applications in Disease Diagnosis and Treatment. Pharmaceutical Nanotechnology, 2019, 7, 206-219.	0.6	63
94	QbD Applications for the Development of Nanopharmaceutical Products. , 2019, , 229-253.		26
95	Estrogen and Serotonin: Complexity of Interactions and Implications for Epileptic Seizures and Epileptogenesis. Current Neuropharmacology, 2019, 17, 214-231.	1.4	39
96	Silver Nanoparticles and their Antimicrobial Applications. Current Nanomedicine, 2019, 8, 215-224.	0.2	15
97	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
98	Herbal medicine: current progress, and challenges. Current Bioactive Compounds, 2019, 15, .	0.2	0
99	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. Oriental Journal of Chemistry, 2018, 34, 2728-2734.	0.1	4
100	Current Progress in Synthesis, Characterization and Applications of Silver Nanoparticles: Precepts and Prospects. Recent Patents on Anti-infective Drug Discovery, 2018, 13, 53-69.	0.5	35
101	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
102	Nanosuspension-Based Aloe vera Gel of Silver Sulfadiazine with Improved Wound Healing Activity. AAPS PharmSciTech, 2017, 18, 3274-3285.	1.5	43
103	Gum ghatti mediated, one pot green synthesis of optimized gold nanoparticles: Investigation of process-variables impact using Box-Behnken based statistical design. International Journal of Biological Macromolecules, 2017, 104, 758-767.	3.6	55
104	Bromocriptine Mesylate Protects against Status Epilepticus and Temporal Lobe Epilepsy: Neurobehavioral, Histopathological and Neurochemical Evidences. International Neuropsychiatric Disease Journal, 2016, 6, 1-13.	0.1	6
105	Molecular Insights into the Role of Inflammation and Oxidative Stress in Epilepsy. Journal of Advances in Medical and Pharmaceutical Sciences, 2016, 10, 1-9.	0.2	30
106	Raloxifene protects against seizures and neurodegeneration in a mouse model mimicking epilepsy in postmenopausal woman. European Journal of Pharmaceutical Sciences, 2014, 65, 167-173.	1.9	25