

Abdul Hannan

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.

51
papers

733
citations

17
h-index

23
g-index

64
ext. papers

1,169
ext. citations

4.8
avg, IF

4.73
L-index

#	Paper	IF	Citations
51	Molecular pharmacology and therapeutic advances of the pentacyclic triterpene lupeol.. <i>Phytomedicine</i> , 2022 , 99, 154012	6.5	3
50	A Systematic Review on Marine Algae-Derived Fucoxanthin: An Update of Pharmacological Insights. <i>Marine Drugs</i> , 2022 , 20, 279	6	4
49	Prospects for Protective Potential of against Kidney Diseases.. <i>Plants</i> , 2021 , 10,	4.5	2
48	Centella asiatica promotes early differentiation, axodendritic maturation and synaptic formation in primary hippocampal neurons. <i>Neurochemistry International</i> , 2021 , 144, 104957	4.4	0
47	Prospects of Marine Sterols against Pathobiology of Alzheimer's Disease: Pharmacological Insights and Technological Advances. <i>Marine Drugs</i> , 2021 , 19,	6	3
46	Phytochemicals as a Complement to Cancer Chemotherapy: Pharmacological Modulation of the Autophagy-Apoptosis Pathway. <i>Frontiers in Pharmacology</i> , 2021 , 12, 639628	5.6	29
45	Black Cumin (L.): A Comprehensive Review on Phytochemistry, Health Benefits, Molecular Pharmacology, and Safety. <i>Nutrients</i> , 2021 , 13,	6.7	16
44	Potential roles of natural products in the targeting of proteinopathic neurodegenerative diseases. <i>Neurochemistry International</i> , 2021 , 145, 105011	4.4	9
43	Role of Insulin in Health and Disease: An Update. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
42	Food-Derived Bioactive Peptides: A Promising Substitute to Chemosynthetic Drugs Against the Dysregulated Renin-Angiotensin System in COVID-19 Patients. <i>Journal of Biologically Active Products From Nature</i> , 2021 , 11, 325-355	0.7	1
41	Prospective Pharmacological Potential of Resveratrol in Delaying Kidney Aging. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	7
40	Emerging potential of cannabidiol in reversing proteinopathies. <i>Ageing Research Reviews</i> , 2021 , 65, 101209	10.9	11
39	Revisiting pharmacological potentials of Nigella sativa seed: A promising option for COVID-19 prevention and cure. <i>Phytotherapy Research</i> , 2021 , 35, 1329-1344	6.7	19
38	The potential LXR α agonist stigmasterol protects against hypoxia/reoxygenation injury by modulating mitophagy in primary hippocampal neurons. <i>Phytomedicine</i> , 2021 , 81, 153415	6.5	9
37	Nutritional Value, Phytochemical Profile, Antioxidant Property and Agar Yielding Potential of Macroalgae from Coasts of Cox's Bazar and St. Martin's Island of Bangladesh. <i>Journal of Aquatic Food Product Technology</i> , 2021 , 30, 217-227	1.6	1
36	Phytosterols: Targeting Neuroinflammation in Neurodegeneration. <i>Current Pharmaceutical Design</i> , 2021 , 27, 383-401	3.3	15
35	Pharmacotherapy against Oxidative Stress in Chronic Kidney Disease: Promising Small Molecule Natural Products Targeting Nrf2-HO-1 Signaling. <i>Antioxidants</i> , 2021 , 10,	7.1	19

34	Citric Acid-Mediated Abiotic Stress Tolerance in Plants. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	17
33	Protective Effects of Black Cumin () and Its Bioactive Constituent, Thymoquinone against Kidney Injury: An Aspect on Pharmacological Insights. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
32	Exposure to Environmental Arsenic and Emerging Risk of Alzheimer’s Disease: Perspective Mechanisms, Management Strategy, and Future Directions. <i>Toxics</i> , 2021 , 9,	4.7	6
31	Attenuates Hypoxia/Reoxygenation-Induced Oxidative Injury in Primary Hippocampal Neurons through Suppressing GluN2B Expression. <i>Antioxidants</i> , 2020 , 9,	7.1	9
30	Phytosterols of marine algae: Insights into the potential health benefits and molecular pharmacology. <i>Phytomedicine</i> , 2020 , 69, 153201	6.5	44
29	Neuroprotective Potentials of Marine Algae and Their Bioactive Metabolites: Pharmacological Insights and Therapeutic Advances. <i>Marine Drugs</i> , 2020 , 18,	6	33
28	Intermittent fasting, a possible priming tool for host defense against SARS-CoV-2 infection: Crosstalk among calorie restriction, autophagy and immune response. <i>Immunology Letters</i> , 2020 , 226, 38-45	4.1	32
27	Revisiting potential druggable targets against SARS-CoV-2 and repurposing therapeutics under preclinical study and clinical trials: A comprehensive review. <i>Drug Development Research</i> , 2020 , 81, 919	5.1	17
26	Insights into nitric oxide-mediated water balance, antioxidant defence and mineral homeostasis in rice (<i>Oryza sativa</i> L.) under chilling stress. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 100-101, 7-16	5	30
25	Integrated System Pharmacology and Analysis Elucidating Neuropharmacological Actions of in the Treatment of Alzheimer’s Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2020 , 19, 541-556	2.6	3
24	Potential Therapeutic Role of Phytochemicals to Mitigate Mitochondrial Dysfunctions in Alzheimer’s Disease. <i>Antioxidants</i> , 2020 , 10,	7.1	5
23	Repositioning Vitamin C as a Promising Option to Alleviate Complications associated with COVID-19. <i>Infection and Chemotherapy</i> , 2020 , 52, 461-477	3.9	10
22	Self-confidence as an immune-modifying psychotherapeutic intervention for COVID-19 patients and understanding of its connection to CNS-endocrine-immune axis. <i>Journal of Advanced Biotechnology and Experimental Therapeutics</i> , 2020 , 3, 14	2.3	7
21	Prospects of honey in fighting against COVID-19: pharmacological insights and therapeutic promises. <i>Heliyon</i> , 2020 , 6, e05798	3.6	23
20	Computational SNP Analysis and Molecular Simulation Revealed the Most Deleterious Missense Variants in the NBD1 Domain of Human ABCA1 Transporter. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	7
19	Neuroprotection Against Oxidative Stress: Phytochemicals Targeting TrkB Signaling and the Nrf2-ARE Antioxidant System. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 116	6.1	43
18	Unveiling the Structural Insights into the Selective Inhibition of Protein Kinase D1. <i>Current Pharmaceutical Design</i> , 2019 , 25, 1059-1074	3.3	10
17	Deciphering Molecular Mechanism of the Neuropharmacological Action of Fucosterol through Integrated System Pharmacology and Analysis. <i>Marine Drugs</i> , 2019 , 17,	6	16

16	3,6-Dichloro-5-hydroxy-5 α -cholestane facilitates neuronal development through modulating TrkA signaling regulated proteins in primary hippocampal neuron. <i>Scientific Reports</i> , 2019 , 9, 18919	4.9	6
15	Structural and Dynamic Characterizations Highlight the Deleterious Role of SULT1A1 R213H Polymorphism in Substrate Binding. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	20
14	Proteomic Analysis of the Neurotrophic Effect of Gelidium amansii in Primary Cultured Neurons. <i>Journal of Medicinal Food</i> , 2017 , 20, 279-287	2.8	7
13	The Edible Red Seaweed Gracilariopsis chorda Promotes Axodendritic Architectural Complexity in Hippocampal Neurons. <i>Journal of Medicinal Food</i> , 2016 , 19, 638-44	2.8	8
12	The Edible Red Alga Porphyra yezoensis Promotes Neuronal Survival and Cytoarchitecture in Primary Hippocampal Neurons. <i>Cellular and Molecular Neurobiology</i> , 2016 , 36, 669-82	4.6	27
11	The neuritogenic and synaptogenic effects of the ethanolic extract of radix Puerariae in cultured rat hippocampal neurons. <i>Journal of Ethnopharmacology</i> , 2015 , 173, 172-82	5	8
10	The Edible Marine Alga Gracilariopsis chorda Alleviates Hypoxia/Reoxygenation-Induced Oxidative Stress in Cultured Hippocampal Neurons. <i>Journal of Medicinal Food</i> , 2015 , 18, 960-71	2.8	26
9	Undaria pinnatifida Promotes Spinogenesis and Synaptogenesis and Potentiates Functional Presynaptic Plasticity in Hippocampal Neurons. <i>The American Journal of Chinese Medicine</i> , 2015 , 43, 529-42	6	16
8	Chronic natural arsenic exposure affecting histoarchitecture of gonads in Black Bengal goats (<i>Capra aegagrus hircus</i>). <i>Journal of Advanced Veterinary and Animal Research</i> , 2015 , 2, 128	1.7	6
7	Induced changes in the proteomic profile of the phaeophyte <i>Saccharina japonica</i> upon colonization by the bryozoan <i>Membranipora membranacea</i> . <i>Journal of Applied Phycology</i> , 2014 , 26, 657-664	3.2	7
6	<i>Moringa oleifera</i> with promising neuronal survival and neurite outgrowth promoting potentials. <i>Journal of Ethnopharmacology</i> , 2014 , 152, 142-50	5	38
5	Differential neuritogenic activities of two edible brown macroalgae, <i>Undaria pinnatifida</i> and <i>Saccharina japonica</i> . <i>The American Journal of Chinese Medicine</i> , 2014 , 42, 1371-84	6	11
4	<i>Gelidium amansii</i> promotes dendritic spine morphology and synaptogenesis, and modulates NMDA receptor-mediated postsynaptic current. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2014 , 50, 445-52	2.6	18
3	The marine alga <i>Gelidium amansii</i> promotes the development and complexity of neuronal cytoarchitecture. <i>Phytotherapy Research</i> , 2013 , 27, 21-9	6.7	36
2	A brown alga <i>Sargassum fulvellum</i> facilitates neuronal maturation and synaptogenesis. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2012 , 48, 535-44	2.6	19
1	Prospects of honey in fighting against COVID-19: pharmacological insights and therapeutic promises		2