Atiar Rahman

List of Publications by Year
in descending order

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60	908	586496 16	620720 26
papers	citations	h-index	g-index

60	60	60	1202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Role of Mitochondrial Genes in Neurodegenerative Disorders. Current Neuropharmacology, 2022, 20, 824-835.	1.4	4
2	Incredible affinity of Kattosh with PPARâ€Î³ receptors attenuates STZâ€induced pancreas and kidney lesions evidenced in chemicobiological interactions. Journal of Cellular and Molecular Medicine, 2022, 26, 3343-3363.	1.6	8
3	Natural compounds from Leea macrophylla enhance phagocytosis and promote osteoblasts differentiation by alkaline phosphatase, type 1 collagen, and osteocalcin gene expression. Journal of Biomedical Materials Research - Part A, 2021, 109, 1113-1124.	2.1	4
4	Titanium (IV) complexes of some tetraâ€dentate symmetrical bisâ€Schiff bases of 1,6â€hexanediamine: Synthesis, characterization, and in silico prediction of potential inhibitor against coronavirus (SARSâ€CoVâ€2). Applied Organometallic Chemistry, 2021, 35, e6067.	1.7	18
5	Therapeutic Potentials of Syzygium fruticosum Fruit (Seed) Reflected into an Array of Pharmacological Assays and Prospective Receptors-Mediated Pathways. Life, 2021, 11, 155.	1.1	35
6	Pretreatment of Blumea lacera leaves ameliorate acute ulcer and oxidative stress in ethanol-induced Long-Evan rat: A combined experimental and chemico-biological interaction. Biomedicine and Pharmacotherapy, 2021, 135, 111211.	2.5	31
7	Tendencies and attitudes towards dietary supplements use among undergraduate female students in Bangladesh. PLoS ONE, 2021, 16, e0249897.	1.1	5
8	Bioactive metabolites of Blumea lacera attenuate anxiety and depression in rodents and computerâ€aided model. Food Science and Nutrition, 2021, 9, 3836-3851.	1.5	14
9	Pharmacoinformatics and UPLC-QTOF/ESI-MS-Based Phytochemical Screening of Combretum indicum against Oxidative Stress and Alloxan-Induced Diabetes in Longâ€“Evans Rats. Molecules, 2021, 26, 4634.	1.7	8
10	Knowledge, Attitude, Perception of Biological Science and Healthcare Professional Students to Complementary and Alternative Medicine Health Belief and Practice in Southeastern Region of Bangladesh: A Comparative Study. Bangladesh Pharmaceutical Journal, 2021, 24, 159-167.	0.1	1
11	The Antioxidative Role of Natural Compounds from a Green Coconut Mesocarp Undeniably Contributes to Control Diabetic Complications as Evidenced by the Associated Genes and Biochemical Indexes. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-22.	1.9	11
12	Virtual screening of functional foods and dissecting their roles in modulating gene functions to support post COVIDâ€19 complications. Journal of Food Biochemistry, 2021, 45, e13961.	1.2	11
13	Natural Compounds from Hatikana Extract Potentiate Antidiabetic Actions as Displayed by In Vivo Assays and Verified by Network Pharmacological Tools. BioMed Research International, 2021, 2021, 1-17.	0.9	3
14	The food ingredients of different extracts of Lasia spinosa (L.) Thwaites can turn it into a potential medicinal food. NFS Journal, 2021, 25, 56-69.	1.9	12
15	Leea macrophylla (Roxb.) root extract reverses CCl4 induced liver injury through upregulation of antioxidative gene expression: a molecular interaction for therapeutic inception. Advances in Traditional Medicine, 2020, 20, 35-52.	1.0	12
16	Thunbergia laurifolia leaf extract partially recovers lead-induced renotoxicity through modulating the cell signaling pathways. Saudi Journal of Biological Sciences, 2020, 27, 3700-3710.	1.8	4
17	Hot methanol extract of Leea macrophylla (Roxb.) manages chemical-induced inflammation in rodent model. Journal of King Saud University - Science, 2020, 32, 2892-2899.	1.6	16
18	Tithonia diversifolia aqueous fraction plays a protective role against alloxan-induced diabetic mice via modulating GLUT2 expression. South African Journal of Botany, 2020, 133, 118-123.	1.2	7

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19	Phytochemistry, Traditional Use and Pharmacological Activity of Picrasma quassioides: A Critical Reviews. Nutrients, 2020, 12, 2584.	1.7	12
20	Plant-Produced Monoclonal Antibody as Immunotherapy for Cancer. BioMed Research International, 2020, 2020, 1-10.	0.9	13
21	Pleurotus highking mushrooms potentiate antiproliferative and antimigratory activity against triple-negative breast cancer cells by suppressing Akt signaling. Integrative Cancer Therapies, 2020, 19, 153473542096980.	0.8	12
22	Supplements of an aqueous combination of Justicia adhatoda and Ocimum tenuiflorum boost antioxidative effects and impede hyperlipidemia. Animal Models and Experimental Medicine, 2020, 3, 140-151.	1.3	12
23	Intervention in Neuropsychiatric Disorders by Suppressing Inflammatory and Oxidative Stress Signal and Exploration of In Silico Studies for Potential Lead Compounds from Holigarna caustica (Dennst.) Oken leaves. Biomolecules, 2020, 10, 561.	1.8	33
24	Pharmacological effect of methanolic and hydro-alcoholic extract of Coconut endocarp. Journal of Advanced Biotechnology and Experimental Therapeutics, 2020, 3, 171.	0.4	5
25	Organic Extracts of Asian Plants Potentially Support Thrombolysis in Varied BMI Groups. Sains Malaysiana, 2020, 49, 1669-1686.	0.3	0
26	Synthesis, characterization, ADMET, PASS predication, and antimicrobial study of 6-O-lauroyl mannopyranosides. Journal of Molecular Structure, 2019, 1195, 189-197.	1.8	23
27	Mangosteen Vinegar Rind from Garcinia mangostana Prevents Highâ€Fat Diet and Streptozotocinâ€Induced Type II Diabetes Nephropathy and Apoptosis. Journal of Food Science, 2019, 84, 1208-1215.	1.5	27
28	Leea macrophylla root extract upregulates the mRNA expression for antioxidative enzymes and repairs the necrosis of pancreatic Î²-cell and kidney tissues in fructose-fed Type 2 diabetic rats. Biomedicine and Pharmacotherapy, 2019, 110, 74-84.	2.5	13
29	High-performance liquid chromatographic analysis explores the potential antioxidative agents of Argyreia argentea ARN. EX CHOISY extract. Journal of Pharmacy and Bioallied Sciences, 2019, 11, 16.	0.2	0
30	Leea macrophylla Roxb. leaf extract potentially helps normalize islet of Î²â€cells damaged in STZâ€induced albino rats. Food Science and Nutrition, 2018, 6, 943-952.	1.5	9
31	Synthesis, characterization, molecular modeling, antioxidant and microbial properties of some Titanium(IV) complexes of schiff bases. Journal of Molecular Structure, 2018, 1166, 79-90.	1.8	24
32	Evaluation of morning glory (Jacquemontia tamnifolia (L.) Griseb) leaves for antioxidant, antinociceptive, anticoagulant and cytotoxic activities. Journal of Basic and Clinical Physiology and Pharmacology, 2018, 29, 291-299.	0.7	15
33	Antinociceptive and Anxiolytic and Sedative Effects of Methanol Extract of Anisomeles indica: An Experimental Assessment in Mice and Computer Aided Models. Frontiers in Pharmacology, 2018, 9, 246.	1.6	36
34	Antioxidative and neuroprotective effects of Leea macrophylla methanol root extracts on diazepam-induced memory impairment in amnesic Wistar albino rat. Clinical Phytoscience, 2017, 2, .	0.8	8
35	Stigmasterol retards the proliferation and pathological features of Trypanosoma congolense infection in rats and inhibits trypanosomal sialidase in vitro and in silico. Biomedicine and Pharmacotherapy, 2017, 89, 482-489.	2.5	18
36	Trypanosuppresive effects of ellagic acid and amelioration of the trypanosome-associated pathological features coupled with inhibitory effects on trypanosomal sialidase in vitro and in silico. Phytomedicine, 2017, 30, 67-73.	2.3	17

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37	Evaluation of cytotoxic, analgesic, antidiarrheal and phytochemical properties of Hygrophila spinosa (T. Anders) whole plant. Journal of Basic and Clinical Physiology and Pharmacology, 2017, 28, 185-190.	0.7	12
38	In Vitro Î±-amylase Inhibitory Potential and in Vivo Hypoglycemic Effect of Organic Extracts of Phrynium Imbricatum Roxb. Leaves. Med One, 2017, , .	1.5	1
39	Growth, Fatty Acid, and Lipid Composition of Marine MicroalgaeSkeletonema costatumAvailable in Bangladesh Coast: Consideration as Biodiesel Feedstock. Journal of Marine Biology, 2016, 2016, 1-8.	1.0	13
40	Antioxidant, antidiarrheal, hypoglycemic and thrombolytic activities of organic and aqueous extracts of Hopea odorata leaves and in silico PASS prediction of its isolated compounds. BMC Complementary and Alternative Medicine, 2016, 16, 474.	3.7	13
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55	Antihyperglycemic effect of <i>Trigonella foenum-graecum</i> (Fenugreek) seed extract in alloxan-induced diabetic rats and its use in diabetes mellitus: a brief qualitative phytochemical and acute toxicity test on the extract.. Tropical Journal of Obstetrics and Gynaecology, 2010, 6, 255-61.	0.3	39
56	Antibacterial and antifungal properties of the methanol extract from the stem of Argyreia argentea. Bangladesh Journal of Pharmacology, 2010, 5, .	0.1	8
57	Analgesic and anti-inflammatory properties of Argyreia argentea methanol extract in animal model. Journal of Taibah University for Science, 2010, 3, 1-7.	1.1	11
58	Antioxidant, Antibacterial and Cytotoxic Activity of the Methanol Extract of Urtica Crenulata. Journal of Scientific Research, 2009, 2, 169-177.	0.2	1
59	Stereochemistry and biosynthesis of (+)-lyoniresinol, a syringyl tetrahydronaphthalene lignan in Lyonia ovalifolia var. elliptica I: isolation and stereochemistry of syringyl lignans and predicted precursors to (+)-lyoniresinol from wood. Journal of Wood Science, 2007, 53, 161-167.	0.9	36
60	Stereochemistry and biosynthesis of (+)-lyoniresinol, a syringyl tetrahydronaphthalene lignan in Lyonia ovalifolia var. elliptica II: feeding experiments with 14C labeled precursors. Journal of Wood Science, 2007, 53, 114-120.	0.9	7