

Doaa A Ghareeb

List of Publications by Year in descending order

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68
papers

1,273
citations

361296

20
h-index

395590

33
g-index

68
all docs

68
docs citations

68
times ranked

2229
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro biological assessment of berberis vulgaris and its active constituent, berberine: antioxidants, anti-acetylcholinesterase, anti-diabetic and anticancer effects. BMC Complementary and Alternative Medicine, 2013, 13, 218.	3.7	171
2	Neuroprotective effect of berberine against environmental heavy metals-induced neurotoxicity and Alzheimer's-like disease in rats. Food and Chemical Toxicology, 2018, 111, 432-444.	1.8	111
3	Tackling neuroinflammation and cholinergic deficit in Alzheimer's disease: Multi-target inhibitors of cholinesterases, cyclooxygenase-2 and 15-lipoxygenase. European Journal of Medicinal Chemistry, 2019, 167, 161-186.	2.6	78
4	Differential metformin dose-dependent effects on cognition in rats: role of Akt. Psychopharmacology, 2016, 233, 2513-2524.	1.5	75
5	Wheat biological responses to stress caused by cadmium, nickel and lead. Science of the Total Environment, 2020, 706, 136013.	3.9	55
6	Synthesis, in silico experiments and biological evaluation of 1,3,4-trisubstituted pyrazole derivatives as antimalarial agents. European Journal of Medicinal Chemistry, 2019, 163, 353-366.	2.6	47
7	Neuroprotective effect of ipriflavone against scopolamine-induced memory impairment in rats. Psychopharmacology, 2017, 234, 3037-3053.	1.5	46
8	Non-alcoholic fatty liver induces insulin resistance and metabolic disorders with development of brain damage and dysfunction. Metabolic Brain Disease, 2011, 26, 253-267.	1.4	45
9	Vanadium improves brain acetylcholinesterase activity on early stage alloxan-diabetic rats. Neuroscience Letters, 2008, 436, 44-47.	1.0	42
10	In vitro screening for anti-acetylcholinesterase, anti-oxidant, anti-glucosidase, anti-inflammatory and anti-bacterial effect of three traditional medicinal plants. Biotechnology and Biotechnological Equipment, 2014, 28, 1155-1164.	0.5	31
11	Nigella sativa Relieves the Altered Insulin Receptor Signaling in Streptozotocin-Induced Diabetic Rats Fed with a High-Fat Diet. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-16.	1.9	31
12	Efficacy-directed discrimination of the essential oils of three Juniperus species based on their in-vitro antimicrobial and anti-inflammatory activities. Journal of Ethnopharmacology, 2020, 259, 112971.	2.0	31
13	Hepatoprotective properties and biotransformation of berberine and berberrubine by cell suspension cultures of Dodonaea viscosa and Ocimum basilicum. South African Journal of Botany, 2015, 97, 191-195.	1.2	30
14	Ameliorated effects of garlic (Allium sativum) on biomarkers of subchronic acrylamide hepatotoxicity and brain toxicity in rats. Toxicological and Environmental Chemistry, 2010, 92, 1357-1372.	0.6	26
15	Eco-friendly polyurethane acrylate (PUA)/natural filler-based composite as an antifouling product for marine coating. Applied Microbiology and Biotechnology, 2021, 105, 7023-7034.	1.7	24
16	Toxic effects of lead exposure on the brain of rats: Involvement of oxidative stress, inflammation, acetylcholinesterase, and the beneficial role of flaxseed extract. Toxicological and Environmental Chemistry, 2010, 92, 187-195.	0.6	23
17	Protective effect of surface-modified berberine nanoparticles against LPS-induced neurodegenerative changes: a preclinical study. Drug Delivery and Translational Research, 2019, 9, 906-919.	3.0	22
18	Pretreatment Hepatoprotective Effect of the Marine Fungus Derived from Sponge on Hepatic Toxicity Induced by Heavy Metals in Rats. BioMed Research International, 2013, 2013, 1-15.	0.9	21

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19	Nanoparticles of ZnO/Berberine complex contract COVID-19 and respiratory co-bacterial infection in addition to elimination of hydroxychloroquine toxicity. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 735-757.	2.7	21
20	Berberine Reduces Neurotoxicity Related to Nonalcoholic Steatohepatitis in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-13.	0.5	20
21	Berberine chloride ameliorated PI3K/Akt/ERK1/PTEN signaling pathway in insulin resistance syndrome induced in rats. <i>Journal of Food Biochemistry</i> , 2019, 43, e13049.	1.2	18
22	Synthesis, molecular modeling and biological screening of some pyrazole derivatives as antileishmanial agents. <i>Future Medicinal Chemistry</i> , 2018, 10, 2325-2344.	1.1	17
23	The Ameliorating Effect of Berberine-Rich Fraction against Gossypol-Induced Testicular Inflammation and Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13.	1.9	17
24	Berberine Nanoencapsulation Attenuates Hallmarks of Scoploimine Induced Alzheimer's-Like Disease in Rats. <i>Current Reviews in Clinical and Experimental Pharmacology</i> , 2021, 16, 139-154.	0.4	16
25	Potential therapeutic and pharmacological strategies for SARS-CoV2. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 281-296.	2.7	15
26	Differential anti-inflammatory biomarkers of the desert truffles <i>Terfezia clavaryi</i> and <i>Tirmania nivea</i> revealed via UPLC-QqQ-MS-based metabolomics combined to chemometrics. <i>LWT - Food Science and Technology</i> , 2021, 150, 111965.	2.5	15
27	In Vivo Interrelationship between Insulin Resistance and Interferon Gamma Production: Protective and Therapeutic Effect of Berberine. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-7.	0.5	14
28	Potential Prophylactic Effect of Berberine against Rat Colon Carcinoma Induced by 1,2-Dimethyl Hydrazine. <i>Asian Pacific Journal of Cancer Prevention</i> , 2018, 19, 1685-1690.	0.5	13
29	Structural, spectral and thermal analysis of some metallocephradines. <i>Journal of Molecular Structure</i> , 2015, 1099, 359-372.	1.8	11
30	Implementation of the Chou-Talalay method for studying the in vitro pharmacodynamic interactions of binary and ternary drug combinations on MDA-MB-231 triple negative breast cancer cells. <i>Synergy</i> , 2019, 8, 100047.	1.1	11
31	Chemical profiling and unraveling of anti-COVID-19 biomarkers of red sage (<i>Lantana camara</i> L.) cultivars using UPLC-MS/MS coupled to chemometric analysis, in vitro study and molecular docking. <i>Journal of Ethnopharmacology</i> , 2022, 291, 115038.	2.0	11
32	Synthesized Nanorods Hydroxyapatite by Microwave-Assisted Technology for In Vitro Osteoporotic Bone Regeneration through Wnt/ β -Catenin Pathway. <i>Materials</i> , 2021, 14, 5823.	1.3	10
33	Ipriflavone and Ipriflavone loaded albumin nanoparticles reverse lipopolysaccharide induced neuroinflammation in rats. <i>PLoS ONE</i> , 2020, 15, e0237929.	1.1	9
34	In vitro biological activities and in vivo hepatoprotective role of brown algae-isolated fucoidans. <i>Environmental Science and Pollution Research</i> , 2021, 28, 19664-19676.	2.7	9
35	Viscoelasticity, Mechanical Properties, and In Vitro Bioactivity of Gelatin/Borosilicate Bioactive Glass Nanocomposite Hydrogels as Potential Scaffolds for Bone Regeneration. <i>Polymers</i> , 2021, 13, 2014.	2.0	9
36	Cellulose Acetate Nanofibers: Incorporating Hydroxyapatite (HA), HA/Berberine or HA/Moghat Composites, as Scaffolds to Enhance In Vitro Osteoporotic Bone Regeneration. <i>Polymers</i> , 2021, 13, 4140.	2.0	9

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37	Synthesis, characterization, spectral, thermal analysis and computational studies of thiamine complexes. Journal of Molecular Structure, 2017, 1137, 634-648.	1.8	8
38	Phytochemical Analysis and Toxicity Assessment of Artichoke By-product Extract. Pakistan Journal of Biological Sciences, 2019, 23, 81-91.	0.2	8

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55	Potential therapeutic effects of <i>Ulva lactuca</i> water fraction on monosodium glutamate-induced testicular and prostatic tissue damage in rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 29629-29642.	2.7	3
56	Role of Oxidative Stress in Male Fertility and Idiopathic Infertility: Causes and Treatment. <i>Journal of Diagnostic Techniques and Biomedical Analysis</i> , 2014, 03, .	0.1	3
57	Concomitant treatment with beta-glucan and G-CSF ameliorates altered biochemical indices after cyclophosphamide-induced leukopenia in mice. <i>Biotechnology and Biotechnological Equipment</i> , 2015, 29, 970-976.	0.5	2
58	Imbalanced Diet Deficient in Calcium and Vitamin D- Induced Juvenile Osteopenia in Rats; the Potential Therapeutic Effect of Egyptian Moghat Roots Water Extract (<i>Glossostemon bruguieri</i>). <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 623-35.	0.3	2
59	Chemical profiling and identification of anti-inflammatory biomarkers of oriental Thuja (<i>Platycladus orientalis</i>) using UPLC/MS/MS and network pharmacology-based analyses. <i>Natural Product Research</i> , 2021, , 1-5.	1.0	2
60	Synthesis and evaluation of new phenolic derivatives as antimicrobial and antioxidant agents. <i>Monatshefte für Chemie</i> , 2018, 149, 127-139.	0.9	1
61	Bioactive Compounds and Essential Oils as Acetylcholinesterase Inhibitors. <i>American Journal of Biomedical and Life Sciences</i> , 2019, 7, 155.	0.2	0
62	Title is missing!. , 2020, 15, e0237929.		0
63	Title is missing!. , 2020, 15, e0237929.		0
64	Title is missing!. , 2020, 15, e0237929.		0
65	Title is missing!. , 2020, 15, e0237929.		0
66	Title is missing!. , 2020, 15, e0237929.		0
67	Title is missing!. , 2020, 15, e0237929.		0
68	The hepatotoxicity of <i>Nigella sativa</i> oil linked to the route of Administration. <i>Natural Products Journal</i> , 2022, 12, .	0.1	0