

I Hassan; Hassan I

List of Publications by Year in descending order

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55
papers

1,454
citations

331670

21
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345221

36
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all docs

57
docs citations

57
times ranked

2160
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Misfolding and Aggregation in Alzheimer's Disease and Type 2 Diabetes Mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1280-1293.	1.4	138
2	Biogenic synthesis of Zinc oxide nanostructures from <i>Nigella sativa</i> seed: Prospective role as food packaging material inhibiting broad-spectrum quorum sensing and biofilm. <i>Scientific Reports</i> , 2016, 6, 36761.	3.3	128
3	Biosynthesized Silver Nanoparticle (AgNP) From <i>Pandanus odorifer</i> Leaf Extract Exhibits Anti-metastasis and Anti-biofilm Potentials. <i>Frontiers in Microbiology</i> , 2019, 10, 8.	3.5	83
4	Green synthesis and structural classification of <i>Acacia nilotica</i> mediated-silver doped titanium oxide (Ag/TiO ₂) spherical nanoparticles: Assessment of its antimicrobial and anticancer activity. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1385-1391.	3.8	81
5	Ameliorative effect of riboflavin on the cisplatin induced nephrotoxicity and hepatotoxicity under photoillumination. <i>Food and Chemical Toxicology</i> , 2010, 48, 2052-2058.	3.6	62
6	Green synthesis of silver nanoparticles using <i>Carum copticum</i> : Assessment of its quorum sensing and biofilm inhibitory potential against gram negative bacterial pathogens. <i>Microbial Pathogenesis</i> , 2020, 144, 104172.	2.9	60
7	Wound healing of different molecular weight of hyaluronan; in-vivo study. <i>International Journal of Biological Macromolecules</i> , 2016, 89, 582-591.	7.5	56
8	Riboflavin Ameliorates Cisplatin Induced Toxicities under Photoillumination. <i>PLoS ONE</i> , 2012, 7, e36273.	2.5	50
9	Camel milk peptide improves wound healing in diabetic rats by orchestrating the redox status and immune response. <i>Lipids in Health and Disease</i> , 2015, 14, 132.	3.0	46
10	Folic acid and melatonin mitigate diabetic nephropathy in rats via inhibition of oxidative stress. <i>Nutrition and Metabolism</i> , 2020, 17, 6.	3.0	42
11	Anticancer Potential of Biogenic Silver Nanoparticles: A Mechanistic Study. <i>Pharmaceutics</i> , 2021, 13, 707.	4.5	42
12	Biofabrication of Zinc Oxide Nanoparticle from <i>Ochradenus baccatus</i> Leaves: Broad-Spectrum Antibiofilm Activity, Protein Binding Studies, and In Vivo Toxicity and Stress Studies. <i>Journal of Nanomaterials</i> , 2018, 2018, 1-14.	2.7	38
13	Vitamin B2: A promising adjuvant in cisplatin based chemoradiotherapy by cellular redox management. <i>Food and Chemical Toxicology</i> , 2013, 59, 715-723.	3.6	35
14	White light-mediated Cu (II)-5FU interaction augments the chemotherapeutic potential of 5-FU: an in vitro study. <i>Tumor Biology</i> , 2011, 32, 881-892.	1.8	32
15	Recent updates on the dynamic association between oxidative stress and neurodegenerative disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 310-320.	1.4	31
16	Broad-spectrum inhibition of AHL-regulated virulence factors and biofilms by sub-inhibitory concentrations of ceftazidime. <i>RSC Advances</i> , 2016, 6, 27952-27962.	3.6	30
17	Potential effects of the combination of nicotinamide, vitamin B2 and vitamin C on oxidative-mediated hepatotoxicity induced by thioacetamide. <i>Lipids in Health and Disease</i> , 2018, 17, 29.	3.0	28
18	Antioxidant Bioactivity of <i>Samsun Ant</i> (<i>Pachycondyla sennaarensis</i>) Venom Protects against CCL ₄ -Induced Nephrotoxicity in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-8.	4.0	26

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19	Coumarin Exhibits Broad-Spectrum Antibiofilm and Antiquorum Sensing Activity against Gram-Negative Bacteria: <i>In Vitro</i> and <i>In Silico</i> Investigation. ACS Omega, 2021, 6, 18823-18835.	3.5	26
20	Efficacy of a Methanolic Extract of Adansonia digitata Leaf in Alleviating Hyperglycemia, Hyperlipidemia, and Oxidative Stress of Diabetic Rats. BioMed Research International, 2019, 2019, 1-10.	1.9	25
21	An Overview on Global Trends in Nanotechnological Approaches for Alzheimer Therapy. Current Drug Metabolism, 2015, 16, 719-727.	1.2	23
22	Rutin attenuates negatively charged surfactant (SDS)-induced lysozyme aggregation/amyloid formation and its cytotoxicity. International Journal of Biological Macromolecules, 2018, 120, 45-58.	7.5	21
23	Novel aspect of chemophototherapy in treatment of cancer. Tumor Biology, 2012, 33, 701-706.	1.8	20
24	Protective effect of riboflavin on cisplatin induced toxicities: A gender-dependent study. Journal of Trace Elements in Medicine and Biology, 2015, 29, 303-314.	3.0	20
25	Targeted nano-delivery of novel omega-3 conjugate against hepatocellular carcinoma: Regulating COX-2/bcl-2 expression in an animal model. Biomedicine and Pharmacotherapy, 2016, 81, 394-401.	5.6	20
26	Ameliorative effect of zinc oxide nanoparticles against potassium bromate-mediated toxicity in Swiss albino rats. Environmental Science and Pollution Research, 2019, 26, 9966-9980.	5.3	20
27	Cisplatin-Induced Neurotoxicity <i>In Vivo</i> Can Be Alleviated by Riboflavin Under Photoillumination. Cancer Biotherapy and Radiopharmaceuticals, 2013, 28, 160-168.	1.0	18
28	In vitro pro-oxidant action of Methotrexate in presence of white light. Journal of Photochemistry and Photobiology B: Biology, 2011, 104, 387-393.	3.8	17
29	Restrained management of copper level enhances the antineoplastic activity of imatinib in vitro and in vivo. Scientific Reports, 2018, 8, 1682.	3.3	17
30	Certain Phase I and II Enzymes as Toxicity Biomarker: An Overview. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	16
31	Experimental immunology Zinc improves the immune function and the proliferation of lymphocytes in Cadmium-treated rats. Central-European Journal of Immunology, 2014, 4, 441-448.	1.2	15
32	Samsun Ant Venom Exerts Anticancer Activity Through Immunomodulation <i>In Vitro</i> and <i>In Vivo</i> . Cancer Biotherapy and Radiopharmaceuticals, 2018, 33, 65-73.	1.0	15
33	Chemopreventive effect of riboflavin on the potassium bromate-induced renal toxicity in vivo. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 2355-2364.	3.0	13
34	Supplementation with selenium nanoparticles alleviates diabetic nephropathy during pregnancy in the diabetic female rats. Environmental Science and Pollution Research, 2022, 29, 5517-5525.	5.3	13
35	Selenium nanoparticles mitigate diabetic nephropathy and pancreatopathy in rat offspring via inhibition of oxidative stress. Journal of King Saud University - Science, 2021, 33, 101265.	3.5	13
36	Riboflavin Arrests Cisplatin-Induced Neurotoxicity by Ameliorating Cellular Damage in Dorsal Root Ganglion Cells. BioMed Research International, 2015, 2015, 1-5.	1.9	12

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37	Computational Proteome-Wide Study for the Prediction of <i>Escherichia coli</i> Protein Targeting in Host Cell Organelles and Their Implication in Development of Colon Cancer. ACS Omega, 2020, 5, 7254-7261.	3.5	12
38	Copper Mediates Anti-Inflammatory and Antifibrotic Activity of Gleevec in Hepatocellular Carcinoma-Induced Male Rats. Canadian Journal of Gastroenterology and Hepatology, 2019, 2019, 1-11.	1.9	11
39	Comparative refolding of guanidinium hydrochloride denatured bovine serum albumin assisted by cationic and anionic surfactants via artificial chaperone protocol: Biophysical insight. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 225, 117510.	3.9	9
40	Curcumin-containing Silver Nanoparticles Prevent Carbon Tetrachloride- induced Hepatotoxicity in Mice. Combinatorial Chemistry and High Throughput Screening, 2021, 24, 1609-1617.	1.1	9
41	Light-mediated interaction of methotrexate with transition metal Cu(II). Medicinal Chemistry Research, 2012, 21, 2379-2387.	2.4	8
42	Galectins-A Potential Target for Cardiovascular Therapy. Current Vascular Pharmacology, 2017, 15, 296-312.	1.7	8
43	Effect of Selenium Nanoparticles on Carbon Tetrachloride-Induced Hepatotoxicity in the Swiss Albino Rats. Applied Sciences (Switzerland), 2021, 11, 3044.	2.5	7
44	Deciphering the interaction of plumbagin with human serum albumin: A combined biophysical and molecular docking study. Journal of King Saud University - Science, 2020, 32, 2854-2862.	3.5	6
45	The Alleviative Effect of Vitamin B ₂ on Potassium Bromate-Induced Hepatotoxicity in Male Rats. BioMed Research International, 2020, 2020, 1-12.	1.9	6
46	Bioactive Tryptophan-Based Copper Complex with Auxiliary $\hat{2}$ -Carboline Spectacle Potential on Human Breast Cancer Cells: In Vitro and In Vivo Studies. Molecules, 2021, 26, 1606.	3.8	6
47	Age Affects the Mitigating Efficacy of Riboflavin Against Cisplatin-Induced Toxicity In Vivo. Nutrition and Cancer, 2016, 68, 1381-1393.	2.0	5
48	Thymoquinone ameliorates Pachycondyla sennaarensis venom-induced acute toxic shock in male rats. BMC Pharmacology & Toxicology, 2019, 20, 84.	2.4	5
49	Diabetes-Mediated Toxicity Resulted in the Expression of CD80 and CD86 on Neutrophils after Delayed Wound Healing in Male Rats. BioMed Research International, 2020, 2020, 1-10.	1.9	5
50	White light augments chemotherapeutic potential of cyclophosphamide: an in vitro study. BioMetals, 2013, 26, 23-31.	4.1	4
51	Potential therapeutic effect of synthesized AgNP using curcumin extract on CCl ₄ -induced nephrotoxicity in male mice. Journal of King Saud University - Science, 2021, 33, 101356.	3.5	4
52	Samsun ant venom modulates the immune response and redox status at the acute toxic dose in vivo. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e20190020.	1.4	4
53	Biosurfactant electrospun nanofibers exhibit minimal side effects on the structure and function of the liver tissue in male rat model. Environmental Science and Pollution Research, 2020, 27, 40009-40019.	5.3	2
54	Samsun ant venom protects against carbon tetrachloride-induced acute spleen toxicity in vivo. Environmental Science and Pollution Research, 2021, 28, 31138-31150.	5.3	2

#	ARTICLE	IF	CITATIONS
55	Winding schemes for wide constant power range of double stator transverse flux machine. , 2015, , .		1