

Aziz Eftekhari

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

11,618
citations

57758

44
h-index

62596

80
g-index

86
all docs

86
docs citations

86
times ranked

17302
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation and modeling of physiological processes of vital organs in organ-on-a-chip biosystem. <i>Journal of King Saud University - Science</i> , 2022, 34, 101710.	3.5	10
2	Diclofenac biotransformation and toxicity assessment of laccase from <i>Pleurotus floridanus</i> . <i>Cellular and Molecular Biology</i> , 2022, 67, 439-450.	0.9	2
3	Curcumin nanoformulations: Beneficial nanomedicine against cancer. <i>Phytotherapy Research</i> , 2022, 36, 1156-1181.	5.8	55
4	Green Synthesis, Characterization of Gold Nanomaterials using <i>Gundelia tournefortii</i> Leaf Extract, and Determination of Their Nanomedicinal (Antibacterial, Antifungal, and Cytotoxic) Potential. <i>Journal of Nanomaterials</i> , 2022, 2022, 1-10.	2.7	15
5	Investigation of Antimicrobial and Cytotoxic Properties and Specification of Silver Nanoparticles (AgNPs) Derived From <i>Cicer arietinum</i> L. Green Leaf Extract. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 855136.	4.1	61
6	Nanomaterials: An alternative source for biodegradation of toxic dyes. <i>Food and Chemical Toxicology</i> , 2022, 164, 112996.	3.6	47
7	Stem cells technology as a platform for generating reproductive system organoids and treatment of infertility-related diseases. <i>Cell Biology International</i> , 2022, 46, 512-522.	3.0	6
8	Application of carbon nanotubes in sensing/monitoring of pancreas and liver cancer. <i>Chemosphere</i> , 2022, 302, 134826.	8.2	66
9	Biosynthesis of AgNPs onto the urea-based periodic mesoporous organosilica (AgxNPs/Ur-PMO) for antibacterial and cell viability assay. <i>Journal of Colloid and Interface Science</i> , 2021, 585, 676-683.	9.4	62
10	Certain haplotypes of the 3'UTR region of the HLA-G gene are linked to breast cancer. <i>British Journal of Biomedical Science</i> , 2021, 78, 87-91.	1.3	10
11	Nanotechnology against the novel coronavirus (severe acute respiratory syndrome coronavirus-2): diagnosis, treatment, therapy and future perspectives. <i>Nanomedicine</i> , 2021, 16, 497-516.	3.3	61
12	Serum Hepcidin, the Hepcidin/Ferritin Ratio and the Risk of Type 2 Diabetes: A Systematic Review and Meta-Analysis. <i>Current Medicinal Chemistry</i> , 2021, 28, 1224-1233.	2.4	12
13	Application of Advanced Nanomaterials for Kidney Failure Treatment and Regeneration. <i>Materials</i> , 2021, 14, 2939.	2.9	28
14	The Potential Application of Magnetic Nanoparticles for Liver Fibrosis Theranostics. <i>Frontiers in Chemistry</i> , 2021, 9, 674786.	3.6	22
15	Phytochemical and nutra-pharmaceutical attributes of <i>Mentha</i> spp.: A comprehensive review. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103106.	4.9	64
16	Targeting Mitochondrial Biogenesis with Polyphenol Compounds. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	4.0	98
17	Natural and Synthetic Bioinks for 3D Bioprinting. <i>Advanced NanoBiomed Research</i> , 2021, 1, 2000097.	3.6	60
18	Osteogenic Differentiation of Mesenchymal Stem Cells via Curcumin-Containing Nanoscaffolds. <i>Stem Cells International</i> , 2021, 2021, 1-9.	2.5	48

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19	The Use of Infrapatellar Fat Pad-Derived Mesenchymal Stem Cells in Articular Cartilage Regeneration: A Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9215.	4.1	56
20	Design and fabrication of M-SAPO-34/chitosan scaffolds and evaluation of their effects on dental tissue engineering. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 281-295.	7.5	8
21	Ecofriendly/Rapid Synthesis of Silver Nanoparticles Using Extract of Waste Parts of Artichoke (<i>Cynara scolymus</i> L.) and Evaluation of their Cytotoxic and Antibacterial Activities. <i>Journal of Nanomaterials</i> , 2021, 2021, 1-10.	2.7	50
22	Sensitive and selective electrochemical detection of bisphenol A based on SBA-15 like Cu-PMO modified glassy carbon electrode. <i>Food Chemistry</i> , 2021, 358, 129763.	8.2	43
23	Introduction: An overview of the non-parenteral delivery of nanomedicine. , 2021, , 1-25.		1
24	A Comprehensive Review of Detection Methods for SARS-CoV-2. <i>Microorganisms</i> , 2021, 9, 232.	3.6	74
25	Nanomaterials for Chronic Kidney Disease Detection. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9656.	2.5	13
26	Emerging Nanotherapeutic Strategies in Alzheimer's Disease. <i>Frontiers in Clinical Drug Research Dementia</i> , 2021, , 173-203.	0.4	4
27	Ecofriendly Synthesis of Silver Nanoparticles Using Ananas comosus Fruit Peels: Anticancer and Antimicrobial Activities. <i>Bioinorganic Chemistry and Applications</i> , 2021, 2021, 1-8.	4.1	38
28	Melatonin hormone as a therapeutic weapon against neurodegenerative diseases. <i>Cellular and Molecular Biology</i> , 2021, 67, 99-106.	0.9	10
29	Study of Endogenous Paramagnetic Centers in Biological Systems from Different Areas. <i>Concepts in Magnetic Resonance Part B</i> , 2021, 2021, 1-5.	0.7	1
30	Stem cell-derived biofactors fight against coronavirus infection. <i>World Journal of Stem Cells</i> , 2021, 13, 1813-1825.	2.8	4
31	miR-515-3p, miR-623, miR-1272 and Notch3 protein as new biomarkers of Hepatocellular carcinoma. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2021, .	0.7	0
32	The global, regional, and national burden of inflammatory bowel disease in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 17-30.	8.1	1,200
33	The Potential Applications of Hyaluronic Acid Hydrogels in Biomedicine. <i>Drug Research</i> , 2020, 70, 6-11.	1.7	69
34	Hepatoprotective role of berberine against paraquat-induced liver toxicity in rat. <i>Environmental Science and Pollution Research</i> , 2020, 27, 4969-4975.	5.3	42
35	Detection of pathogenic bacteria via nanomaterials-modified aptasensors. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111933.	10.1	118
36	Mapping geographical inequalities in oral rehydration therapy coverage in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1038-e1060.	6.3	23

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37	Mapping geographical inequalities in access to drinking water and sanitation facilities in low-income and middle-income countries, 2000â€“17. <i>The Lancet Global Health</i> , 2020, 8, e1162-e1185.	6.3	91
38	Curcumin Nanocrystals: Production, Physicochemical Assessment, and In Vitro Evaluation of the Antimicrobial Effects against Bacterial Loading of the Implant Fixture. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8356.	2.5	16
39	Global Burden of Childhood Epilepsy, Intellectual Disability, and Sensory Impairments. <i>Pediatrics</i> , 2020, 146, e20192623.	2.1	104
40	Global, regional, and national burden of chronic kidney disease, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2020, 395, 709-733.	13.7	2,858
41	The global, regional, and national burden of cirrhosis by cause in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2020, 5, 245-266.	8.1	823
42	The Use of Nanomaterials in Tissue Engineering for Cartilage Regeneration; Current Approaches and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 536.	4.1	86
43	Cell junction proteins: Crossing the glomerular filtration barrier in diabetic nephropathy. <i>International Journal of Biological Macromolecules</i> , 2020, 148, 475-482.	7.5	48
44	Formation and stabilization of colloidal ultra-small palladium nanoparticles on diamine-modified Cr-MIL-101: Synergic boost to hydrogen production from formic acid. <i>Journal of Colloid and Interface Science</i> , 2020, 567, 126-135.	9.4	153
45	Effects of quercetin loaded nanostructured lipid carriers on the paraquat-induced toxicity in human lymphocytes. <i>Pesticide Biochemistry and Physiology</i> , 2020, 167, 104586.	3.6	85
46	Monitoring of drug resistance towards reducing the toxicity of pharmaceutical compounds: Past, present and future. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 186, 113265.	2.8	13
47	Asthma and metabolic syndrome: a comprehensive systematic review and meta-analysis of observational studies. <i>Journal of Cardiovascular and Thoracic Research</i> , 2020, 12, 120-128.	0.9	11
48	Rapid and simple detection of SARS-CoV-2 with point-of-care COVID-19 testing. , 2020, 2, 26-32.		0
49	The effect of hyaluronic acid hydrogels on dental pulp stem cells behavior. <i>International Journal of Biological Macromolecules</i> , 2019, 140, 245-254.	7.5	61
50	The global burden of childhood and adolescent cancer in 2017: an analysis of the Global Burden of Disease Study 2017. <i>Lancet Oncology, The</i> , 2019, 20, 1211-1225.	10.7	199
51	The global, regional, and national burden of colorectal cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 913-933.	8.1	259
52	Mapping 123 million neonatal, infant and child deaths between 2000 and 2017. <i>Nature</i> , 2019, 574, 353-358.	27.8	161
53	The global, regional, and national burden of pancreatic cancer and its attributable risk factors in 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>The Lancet Gastroenterology and Hepatology</i> , 2019, 4, 934-947.	8.1	372
54	Global, regional, and national incidence, prevalence, and mortality of HIV, 1980â€“2017, and forecasts to 2030, for 195 countries and territories: a systematic analysis for the Global Burden of Diseases, Injuries, and Risk Factors Study 2017. <i>Lancet HIV,the</i> , 2019, 6, e831-e859.	4.7	341

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55	The global burden of non-typhoidal salmonella invasive disease: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet Infectious Diseases</i> , 2019, 19, 1312-1324.	9.1	338
56	Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-Years for 29 Cancer Groups, 1990 to 2017. <i>JAMA Oncology</i> , 2019, 5, 1749.	7.1	1,691
57	Current analytical approaches in diagnosis of melanoma. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 122-135.	11.4	50
58	The potential of nanomaterials in theranostics of oral squamous cell carcinoma: Recent progress. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 116, 167-176.	11.4	49
59	The role and therapeutic potential of connexins, pannexins and their channels in Parkinson's disease. <i>Cellular Signalling</i> , 2019, 58, 111-118.	3.6	24
60	An update on calcium carbonate nanoparticles as cancer drug/gene delivery system. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 331-345.	5.0	85
61	A review on potential toxicity of dental material and screening their biocompatibility. <i>Toxicology Mechanisms and Methods</i> , 2019, 29, 368-377.	2.7	51
62	Bioassay of saliva proteins: The best alternative for conventional methods in non-invasive diagnosis of cancer. <i>International Journal of Biological Macromolecules</i> , 2019, 124, 1246-1255.	7.5	63
63	Cell junctions and oral health. <i>EXCLI Journal</i> , 2019, 18, 317-330.	0.7	14
64	Novel angiotensin receptor blocker, azilsartan induces oxidative stress and NFkB-mediated apoptosis in hepatocellular carcinoma cell line HepG2. <i>Biomedicine and Pharmacotherapy</i> , 2018, 99, 939-946.	5.6	61
65	An innovative immunosensor for ultrasensitive detection of breast cancer specific carbohydrate (CA) Tj ETQq1 1 0.784314 rgBT /Over electrochemically assembled onto thiolated graphene quantum dots. <i>International Journal of Biological Macromolecules</i> , 2018, 114, 1008-1017.	7.5	76
66	The Effects of Cimetidine, N-Acetylcysteine, and Taurine on Thioridazine Metabolic Activation and Induction of Oxidative Stress in Isolated Rat Hepatocytes. <i>Pharmaceutical Chemistry Journal</i> , 2018, 51, 965-969.	0.8	44
67	The promising future of nano-antioxidant therapy against environmental pollutants induced-toxicities. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1018-1027.	5.6	97
68	Hepatoprotective and free radical scavenging actions of quercetin nanoparticles on aflatoxin B1-induced liver damage: <i>in vitro</i> / <i>in vivo</i> studies. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 411-420.	2.8	88
69	Betanin reduces organophosphate induced cytotoxicity in primary hepatocyte via an anti-oxidative and mitochondrial dependent pathway. <i>Pesticide Biochemistry and Physiology</i> , 2018, 144, 71-78.	3.6	49
70	Protective effects of coenzyme Q10 nanoparticles on dichlorvos-induced hepatotoxicity and mitochondrial/lysosomal injury. <i>Environmental Toxicology</i> , 2018, 33, 167-177.	4.0	48
71	Effect of silver nanoparticles in the induction of apoptosis on human hepatocellular carcinoma (HepG2) cell line. <i>Materials Science and Engineering C</i> , 2018, 93, 465-471.	7.3	97
72	Cytoprotective Properties of Carnosine against Isoniazid-Induced Toxicity in Primary Cultured Rat Hepatocytes. <i>Pharmaceutical Sciences</i> , 2018, 24, 257-263.	0.2	5

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73	Mechanistic Approach for Thioridazine-Induced Hepatotoxicity and Potential Benefits of Melatonin and/or Coenzyme Q10 on Freshly Isolated Rat Hepatocytes. Iranian Journal of Pharmaceutical Research, 2018, 17, 1465-1475.	0.5	1
74	In vitro and in vivo evaluation of the mechanisms of citalopram-induced hepatotoxicity. Archives of Pharmacal Research, 2017, 40, 1296-1313.	6.3	47
75	Poly arginine-graphene quantum dots as a biocompatible and non-toxic nanocomposite: Layer-by-layer electrochemical preparation, characterization and non-invasive malondialdehyde sensory application in exhaled breath condensate. Materials Science and Engineering C, 2017, 75, 247-258.	7.3	91
76	Mechanistic Approach for Toxic Effects of Bupropion in Primary Rat Hepatocytes. Drug Research, 2017, 67, 217-222.	1.7	45
77	Current Research of the Renin-Angiotensin System Effect on Stem Cell Therapy. , 2017, , .		0
78	Anti-Cancer Effects of Citalopram on Hepatocellular Carcinoma Cells Occur via Cytochrome C Release and the Activation of NF- κ B. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 1570-1577.	1.7	59
79	<i>In vitro/vivo</i> studies towards mechanisms of risperidone-induced oxidative stress and the protective role of coenzyme Q10 and N-acetylcysteine. Toxicology Mechanisms and Methods, 2016, 26, 520-528.	2.7	43
80	Triazole rizatriptan Induces Liver Toxicity through Lysosomal/Mitochondrial Dysfunction. Drug Research, 2016, 66, 470-478.	1.7	47
81	Role of renin-angiotensin system in liver diseases: an outline on the potential therapeutic points of intervention. Expert Review of Gastroenterology and Hepatology, 2016, 10, 1279-1288.	3.0	51
82	Involvement of oxidative stress and mitochondrial/lysosomal cross-talk in olanzapine cytotoxicity in freshly isolated rat hepatocytes. Xenobiotica, 2016, 46, 369-378.	1.1	50
83	Venlafaxine-Induced Cytotoxicity Towards Isolated Rat Hepatocytes Involves Oxidative Stress and Mitochondrial/Lysosomal Dysfunction. Advanced Pharmaceutical Bulletin, 2016, 6, 521-530.	1.4	50
84	Hepatoprotective effect of silymarin in individuals chronically exposed to hydrogen sulfide; modulating influence of TNF- α cytokine genetic polymorphism. DARU, Journal of Pharmaceutical Sciences, 2013, 21, 28.	2.0	41