

Fatemeh Pourrajab

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.

36
papers

543
citations

14
h-index

22
g-index

40
ext. papers

654
ext. citations

3.6
avg, IF

3.9
L-index

#	Paper	IF	Citations
36	Targeting the glycans: A paradigm for host-targeted and COVID-19 drug design. <i>Journal of Cellular and Molecular Medicine</i> , 2021 , 25, 5842	5.6	3
35	The Impact of 6-Thioguanine on Epigenetics of Acute Myeloid Leukemia. <i>Annals of Cancer Research and Therapy</i> , 2021 , 29, 121-125	0.2	
34	Transposable elements, contributors in the evolution of organisms (from an arms race to a source of raw materials). <i>Heliyon</i> , 2021 , 7, e06029	3.6	3
33	Ara-C elicits apoptosis and inhibits proliferation of human lymphoblastic leukemia Nalm6 cell lines by down regulation of HDAC3 and DNMT3B and up regulation of DNMT3A. <i>Annals of Cancer Research and Therapy</i> , 2021 , 29, 47-54	0.2	
32	Descending Expression of miR320 in Insulin-Resistant Adipocytes Treated with Ascending Concentrations of Metformin. <i>Biochemical Genetics</i> , 2020 , 58, 661-676	2.4	3
31	Molecular Targeting and Rational Chemotherapy in Acute Myeloid Leukemia. <i>Journal of Experimental Pharmacology</i> , 2020 , 12, 107-128	3	2
30	Metformin downregulates miR223 expression in insulin-resistant 3T3L1 cells and human diabetic adipose tissue. <i>Endocrine</i> , 2020 , 70, 498-508	4	3
29	Ginger Extract Increases GLUT-4 Expression Preferentially Through AMPK Than PI3K Signalling Pathways in C2C12 Muscle Cells. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020 , 13, 3231-3238	3.4	1
28	Molecular Basis for Pathogenicity of Human Coronaviruses. <i>Infection and Drug Resistance</i> , 2020 , 13, 2385-2405	2405	7
27	Genetic Characterization and Risk Stratification of Acute Myeloid Leukemia. <i>Cancer Management and Research</i> , 2020 , 12, 2231-2253	3.6	12
26	Development of An Artificial Male Germ Cell Niche Using Electrospun Poly Vinyl Alcohol/Human Serum Albumin/Gelatin Fibers. <i>Cell Journal</i> , 2019 , 21, 300-306	2.4	3
25	Effects of a Peganum harmala (Zygophyllaceae) preparation for root canal disinfection. <i>Phytotherapy Research</i> , 2018 , 32, 672-677	6.7	5
24	Ectopic microRNAs used to preserve human mesenchymal stem cell potency and epigenetics. <i>EXCLI Journal</i> , 2018 , 17, 576-589	2.4	3
23	Sirt1 and Parp1 as epigenome safeguards and microRNAs as SASP-associated signals, in cellular senescence and aging. <i>Ageing Research Reviews</i> , 2017 , 40, 120-141	12	33
22	Underlying mechanisms and chemical/biochemical therapeutic approaches to ameliorate protein misfolding neurodegenerative diseases. <i>BioFactors</i> , 2017 , 43, 737-759	6.1	10
21	Comparison of miRNA signature versus conventional biomarkers before and after off-pump coronary artery bypass graft. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 11-17	3.5	8
20	Extract of Dorema aucheri induces PPAR- α for activating reactive oxygen species metabolism. <i>Journal of Herbal Medicine</i> , 2016 , 6, 171-179	2.3	6

19	Elevated levels of miR-499 protect ischemic myocardium against uric acid in patients undergoing off-pump CABG. <i>Cor Et Vasa</i> , 2016 , 58, e600-e608	0.3	2
18	Circulating miR-126 and miR-499 reflect progression of cardiovascular disease; correlations with uric acid and ejection fraction. <i>Heart International</i> , 2016 , 11, e1-e9	0.3	16
17	MicroRNAs; easy and potent targets in optimizing therapeutic methods in reparative angiogenesis. <i>Journal of Cellular and Molecular Medicine</i> , 2015 , 19, 2702-14	5.6	7
16	Cross talk of the first-line defense TLRs with PI3K/Akt pathway, in preconditioning therapeutic approach. <i>Molecular and Cellular Therapies</i> , 2015 , 3, 4		28
15	The master switchers in the aging of cardiovascular system, reverse senescence by microRNA signatures; as highly conserved molecules. <i>Progress in Biophysics and Molecular Biology</i> , 2015 , 119, 111-28	4.7	14
14	Application of stem cell/growth factor system, as a multimodal therapy approach in regenerative medicine to improve cell therapy yields. <i>International Journal of Cardiology</i> , 2014 , 173, 12-9	3.2	28
13	MicroRNA-based system in stem cell reprogramming; differentiation/dedifferentiation. <i>International Journal of Biochemistry and Cell Biology</i> , 2014 , 55, 318-28	5.6	11
12	Massive pericardial effusion and rhabdomyolysis secondary to untreated severe hypothyroidism: the first report. <i>Acta Clinica Belgica</i> , 2014 , 69, 375-8	1.8	4
11	Molecular characteristics of bone marrow mesenchymal stem cells, source of regenerative medicine. <i>International Journal of Cardiology</i> , 2013 , 163, 125-31	3.2	19
10	Circulating levels of interleukin (IL)-12 and IL-13 in Helicobacter pylori-infected patients, and their associations with bacterial CagA and VacA virulence factors. <i>Scandinavian Journal of Infectious Diseases</i> , 2013 , 45, 342-9		22
9	Cell death features induced in Leishmania major by 1,3,4-thiadiazole derivatives. <i>Experimental Parasitology</i> , 2012 , 132, 116-22	2.1	14
8	Novel immunomodulatory function of 1,3,4-thiadiazole derivatives with leishmanicidal activity. <i>Journal of Antimicrobial Chemotherapy</i> , 2012 , 67, 1968-78	5.1	10
7	Synthesis and antileishmanial activity of 5-(5-nitroaryl)-2-substituted-thio-1,3,4-thiadiazoles. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2011 , 26, 123-8	5.6	19
6	Chromene-based synthetic chalcones as potent antileishmanial agents: synthesis and biological activity. <i>Chemical Biology and Drug Design</i> , 2010 , 75, 590-6	2.9	53
5	Novel antileishmanial chalconoids: synthesis and biological activity of 1- or 3-(6-chloro-2H-chromen-3-yl)propan-1-ones. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 1424-9	6.8	42
4	Selective leishmanicidal effect of 1,3,4-thiadiazole derivatives and possible mechanism of action against Leishmania species. <i>Experimental Parasitology</i> , 2009 , 121, 323-30	2.1	32
3	Nitroimidazolyl-1,3,4-thiadiazole-based anti-leishmanial agents: synthesis and in vitro biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 1758-62	6.8	63
2	Leishmanicidal evaluation of novel synthetic chromenes. <i>Archiv Der Pharmazie</i> , 2008 , 341, 787-93	4.3	12

- 1 Synthesis and in vitro anti-leishmanial activity of 1-[5-(5-nitrofuranyl)-1,3,4-thiadiazol-2-yl]- and 1-[5-(5-nitrothiophen-2-yl)-1,3,4-thiadiazol-2-yl]-4-arylpiperazines. *Bioorganic and Medicinal Chemistry*, **2008**, 16, 4509-15 3-4 45