

Yusuf Gheisari

List of Publications by Year in descending order

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56
papers

1,141
citations

394286

19
h-index

414303

32
g-index

67
all docs

67
docs citations

67
times ranked

1792
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun nanofiber-based regeneration of cartilage enhanced by mesenchymal stem cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2011, 99A, 467-478.	2.1	122
2	Inefficiency of SIR models in forecasting COVID-19 epidemic: a case study of Isfahan. <i>Scientific Reports</i> , 2021, 11, 4725.	1.6	114
3	In vitro Differentiation of Human Cord Blood-Derived Unrestricted Somatic Stem Cells into Hepatocyte-Like Cells on Poly(μ -Caprolactone) Nanofiber Scaffolds. <i>Cells Tissues Organs</i> , 2009, 190, 135-149.	1.3	75
4	Multipotent mesenchymal stromal cells: optimization and comparison of five cationic polymer-based gene delivery methods. <i>Cytotherapy</i> , 2008, 10, 815-823.	0.3	50
5	A comparison between neurally induced bone marrow derived mesenchymal stem cells and olfactory ensheathing glial cells to repair spinal cord injuries in rat. <i>Tissue and Cell</i> , 2012, 44, 205-213.	1.0	48
6	Xenotransplanted Embryonic Kidney Provides a Niche for Endogenous Mesenchymal Stem Cell Differentiation into Erythropoietin-Producing Tissue. <i>Stem Cells</i> , 2012, 30, 1228-1235.	1.4	46
7	Genetic Modification of Mesenchymal Stem Cells to Overexpress <i>CXCR4</i> and <i>CXCR7</i> Does Not Improve the Homing and Therapeutic Potentials of These Cells in Experimental Acute Kidney Injury. <i>Stem Cells and Development</i> , 2012, 21, 2969-2980.	1.1	45
8	Analysis of microRNA signatures using size-coded ligation-mediated PCR. <i>Nucleic Acids Research</i> , 2011, 39, e80-e80.	6.5	43
9	Intra-renal arterial injection of autologous bone marrow mesenchymal stromal cells ameliorates cisplatin-induced acute kidney injury in a rhesus Macaque mulatta monkey model. <i>Cytotherapy</i> , 2014, 16, 734-749.	0.3	43
10	Nodes with high centrality in protein interaction networks are responsible for driving signaling pathways in diabetic nephropathy. <i>PeerJ</i> , 2015, 3, e1284.	0.9	38
11	Cancer regeneration: Polyploid cells are the key drivers of tumor progression. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2020, 1874, 188408.	3.3	37
12	Early spontaneous immortalization and loss of plasticity of rabbit bone marrow mesenchymal stem cells. <i>Cell Proliferation</i> , 2011, 44, 67-74.	2.4	36
13	Novel BTK mutation presenting with vaccine-associated paralytic poliomyelitis. <i>European Journal of Pediatrics</i> , 2008, 167, 1335-1338.	1.3	29
14	Identification of Appropriate Housekeeping Genes for Gene Expression Analysis in Long-term Hypoxia-treated Kidney Cells. <i>Advanced Biomedical Research</i> , 2017, 6, 15.	0.2	28
15	The aggregate nature of human mesenchymal stromal cells in native bone marrow. <i>Cytotherapy</i> , 2012, 14, 917-924.	0.3	25
16	Dormant Phase and Multinuclear Cells: Two Key Phenomena in Early Culture of Murine Bone Marrow Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2011, 20, 1337-1347.	1.1	24
17	Isolation, Characterization, and Transplantation of Bone Marrow-Derived Cell Components with Hematopoietic Stem Cell Niche Properties. <i>Stem Cells and Development</i> , 2013, 22, 3052-3061.	1.1	24
18	Stem cell-conditioned medium does not protect against kidney failure. <i>Cell Biology International</i> , 2011, 35, 209-213.	1.4	23

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19	Non-invasive metabolic biomarkers for early diagnosis of diabetic nephropathy: Meta-analysis of profiling metabolomics studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2253-2272.	1.1	22
20	Stem Cell and Tissue Engineering Research in the Islamic Republic of Iran. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 629-639.	5.6	20
21	A Thermoreversible Polymer Mediates Controlled Release of Glial Cell Line-Derived Neurotrophic Factor to Enhance Kidney Regeneration. <i>Artificial Organs</i> , 2010, 34, 642-647.	1.0	19
22	Agent-based modeling and bifurcation analysis reveal mechanisms of macrophage polarization and phenotypic pattern distribution. <i>Scientific Reports</i> , 2019, 9, 12764.	1.6	19
23	Surface expression of CXCR4 in unrestricted somatic stem cells and its regulation by growth factors. <i>Cell Biology International</i> , 2010, 34, 687-692.	1.4	16
24	Stochastic Petri Net Modeling of Hypoxia Pathway Predicts a Novel Incoherent Feed-Forward Loop Controlling SDF-1 Expression in Acute Kidney Injury. <i>IEEE Transactions on Nanobioscience</i> , 2016, 15, 19-26.	2.2	13
25	Effect of melatonin on heart failure: design for a double-blind randomized clinical trial. <i>ESC Heart Failure</i> , 2020, 7, 3142-3150.	1.4	13
26	Severely damaged kidneys possess multipotent renoprotective stem cells. <i>Cytotherapy</i> , 2010, 12, 303-312.	0.3	12
27	Big data to knowledge: common pitfalls in transcriptomics data analysis and representation. <i>RNA Biology</i> , 2019, 16, 1531-1533.	1.5	12
28	Inhibition of microRNA miR-92a induces apoptosis and necrosis in human acute promyelocytic leukemia. <i>Advanced Biomedical Research</i> , 2014, 3, 61.	0.2	12
29	Effect of L-arginine on circulating endothelial progenitor cells in hypercholesterolemic rabbits. <i>International Journal of Cardiology</i> , 2010, 143, 213-216.	0.8	11
30	Inhibition of MicroRNA miR-92a Inhibits Cell Proliferation in Human Acute Promyelocytic Leukemia. <i>Turkish Journal of Haematology</i> , 2013, 30, 157-162.	0.2	11
31	A systematic integrative approach reveals novel microRNAs in diabetic nephropathy. <i>Journal of Research in Medical Sciences</i> , 2020, 25, 1.	0.4	10
32	Comprehensive analysis of IgA nephropathy expression profiles: identification of potential biomarkers and therapeutic agents. <i>BMC Nephrology</i> , 2021, 22, 137.	0.8	9
33	Transmembrane signaling molecules play a key role in the pathogenesis of IgA nephropathy: a weighted gene co-expression network analysis study. <i>BMC Immunology</i> , 2021, 22, 73.	0.9	9
34	Isolation of stem cells from adult rat kidneys. <i>Biocell</i> , 2009, 33, 33-38.	0.4	7
35	Central Nodes in Protein Interaction Networks Drive Critical Functions in Transforming Growth Factor Beta-1 Stimulated Kidney Cells. <i>Cell Journal</i> , 2017, 18, 514-531.	0.2	7
36	A Three-Dimensional Scaffold-Based System for Modeling the Bone Marrow Tissue. <i>Stem Cells and Development</i> , 2016, 25, 492-498.	1.1	6

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37	Effect of melatonin supplementation on endothelial function in heart failure with reduced ejection fraction: A randomized, double-blind clinical trial. <i>Clinical Cardiology</i> , 2021, 44, 1263-1271.	0.7	6
38	Systems biology and machine learning approaches identify drug targets in diabetic nephropathy. <i>Scientific Reports</i> , 2021, 11, 23452.	1.6	6
39	Evaluating the effect of remote ischemic preconditioning on kidney ischemia-reperfusion injury. <i>Journal of Research in Medical Sciences</i> , 2020, 25, 6.	0.4	5
40	Transcriptional noise in intact and TGF- β treated human kidney cells; the importance of time-series designs. <i>Cell Biology International</i> , 2018, 42, 1265-1269.	1.4	4
41	Analysis of time-course microarray data: Comparison of common tools. <i>Genomics</i> , 2019, 111, 636-641.	1.3	4
42	Isolation of stem cells from adult rat kidneys. <i>Biocell</i> , 2009, 33, 33-8.	0.4	4
43	Olfactory receptors contribute to progression of kidney fibrosis. <i>Npj Systems Biology and Applications</i> , 2022, 8, 8.	1.4	4
44	Human Unrestricted Somatic Stem Cell Administration Fails to Protect Nude Mice from Cisplatin-Induced Acute Kidney Injury. <i>Nephron Experimental Nephrology</i> , 2013, 123, 11-21.	2.4	3
45	A deep learning approach to predict inter-omics interactions in multi-layer networks. <i>BMC Bioinformatics</i> , 2022, 23, 53.	1.2	3
46	Draft of Iranian National Guideline for Cell Therapy Manufacturing. <i>Archives of Iranian Medicine</i> , 2017, 20, 547-550.	0.2	3
47	An iterative LMA method for parameter estimation in dynamic modeling of TGF β ² pathway using ODE. , 2019, , .		2
48	Valproic acid restores the down-regulation of SDF-1 following kidney ischemia; experimental validation of a mathematical prediction. <i>Research in Pharmaceutical Sciences</i> , 2020, 15, 191.	0.6	2
49	Heterozygosity analysis of polycystic kidney disease 1 gene microsatellite markers for linkage analysis of autosomal dominant polycystic kidney disease type 1 in the iranian population. <i>Journal of Research in Medical Sciences</i> , 2017, 22, 102.	0.4	2
50	The analysis of a time-course transcriptome profile by systems biology approaches reveals key molecular processes in acute kidney injury. <i>Journal of Research in Medical Sciences</i> , 2019, 24, 3.	0.4	2
51	Mesenchymal Stem Cells and Endothelial Cells: A Common Ancestor?. <i>Archives of Iranian Medicine</i> , 2016, 19, 584-7.	0.2	2
52	In vitro versus in vivo models of kidney fibrosis: Time-course experimental design is crucial to avoid misinterpretations of gene expression data. <i>Journal of Research in Medical Sciences</i> , 2020, 25, 84.	0.4	1
53	Identification of key genes and biological regulatory mechanisms in diabetic nephropathy: Meta-analysis of gene expression datasets. <i>Nefrologia</i> , 2023, 43, 575-586.	0.2	1
54	Modeling and controlling TGF- β ² pathway using standard Petri Nets. , 2015, , .		0

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55	Bifurcation analysis of a modular model of embryonic kidney development. <i>BioSystems</i> , 2020, 189, 104099.	0.9	0
56	A nurturing environment for teaching molecular biology to medical students. <i>Journal of Education and Health Promotion</i> , 2021, 10, 363.	0.3	0