

Hamidreza Pazoki-Toroudi

List of Publications by Year in descending order

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63
papers

3,164
citations

172386
29
h-index

155592
55
g-index

67
all docs

67
docs citations

67
times ranked

4816
citing authors

#	ARTICLE	IF	CITATIONS
1	Various methods of gold nanoparticles (GNPs) conjugation to antibodies. Sensing and Bio-Sensing Research, 2016, 9, 17-22.	2.2	357
2	Controlling Cell Behavior through the Design of Biomaterial Surfaces: A Focus on Surface Modification Techniques. Advanced Materials Interfaces, 2019, 6, 1900572.	1.9	276
3	Selenium nanoparticles for targeted stroke therapy through modulation of inflammatory and metabolic signaling. Scientific Reports, 2019, 9, 6044.	1.6	208
4	Antioxidant nanomaterials in advanced diagnoses and treatments of ischemia reperfusion injuries. Journal of Materials Chemistry B, 2017, 5, 9452-9476.	2.9	169
5	Molecular targets of curcumin for cancer therapy: an updated review. Tumor Biology, 2016, 37, 13017-13028.	0.8	157
6	Multifunctional hydrogels for wound healing: Special focus on biomacromolecular based hydrogels. International Journal of Biological Macromolecules, 2021, 170, 728-750.	3.6	151
7	<p>Would Colloidal Gold Nanocarriers Present An Effective Diagnosis Or Treatment For Ischemic Stroke?</p>. International Journal of Nanomedicine, 2019, Volume 14, 8013-8031.	3.3	127
8	Three-Dimensional Graphene Foams: Synthesis, Properties, Biocompatibility, Biodegradability, and Applications in Tissue Engineering. ACS Biomaterials Science and Engineering, 2019, 5, 193-214.	2.6	121
9	Wound Healing Effects of Curcumin: A Short Review. Current Pharmaceutical Biotechnology, 2016, 17, 1002-1007.	0.9	117
10	Tailoring synthetic polymeric biomaterials towards nerve tissue engineering: a review. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 3524-3539.	1.9	85
11	Enhanced detection sensitivity of prostate-specific antigen via PSA-conjugated gold nanoparticles based on localized surface plasmon resonance: GNP-coated anti-PSA/LSPR as a novel approach for the identification of prostate anomalies. Cancer Gene Therapy, 2016, 23, 365-369.	2.2	80
12	Simvastatin Prevents and Reverses Depigmentation in a Mouse Model of Vitiligo. Journal of Investigative Dermatology, 2015, 135, 1080-1088.	0.3	79
13	Therapeutic role of sirtuins in neurodegenerative disease and their modulation by polyphenols. Neuroscience and Biobehavioral Reviews, 2017, 73, 39-47.	2.9	77
14	Metformin pretreatment enhanced learning and memory in cerebral forebrain ischaemia: the role of the AMPK/BDNF/P70SK signalling pathway. Pharmaceutical Biology, 2016, 54, 2211-2219.	1.3	62
15	Targeting mTOR signaling by polyphenols: A new therapeutic target for ageing. Ageing Research Reviews, 2016, 31, 55-66.	5.0	58
16	Increased phosphorylation of mTOR is involved in remote ischemic preconditioning of hippocampus in mice. Brain Research, 2013, 1526, 94-101.	1.1	51
17	The effect of chrysin"curcumin-loaded nanofibres on the wound-healing process in male rats. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1642-1652.	1.9	49
18	Targeting signal transducers and activators of transcription (STAT) in human cancer by dietary polyphenolic antioxidants. Biochimie, 2017, 142, 63-79.	1.3	46

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19	Ubiquitinâ€“proteasome system and the role of its inhibitors in cancer therapy. <i>Open Biology</i> , 2021, 11, 200390.	1.5	46
20	Combination of azelaic acid 5% and clindamycin 2% for the treatment of acne vulgaris. <i>Cutaneous and Ocular Toxicology</i> , 2011, 30, 286-291.	0.5	44
21	Combination of azelaic acid 5% and erythromycin 2% in the treatment of acne vulgaris. <i>Journal of Dermatological Treatment</i> , 2010, 21, 212-216.	1.1	41
22	Effect of <scp>DHA</scp>+<scp>EPA</scp> on oxidative stress and apoptosis induced by ischemiaâ€“reperfusion in rat kidneys. <i>Fundamental and Clinical Pharmacology</i> , 2013, 27, 593-602.	1.0	41
23	Expression of Bcl-2 and Bax after hippocampal ischemia in DHA+â€“EPA treated rats. <i>Neurological Sciences</i> , 2011, 32, 811-818.	0.9	40
24	The preventive effect of captopril or enalapril on reperfusion injury of the kidney of rats is independent of angiotensin II AT1 receptors. <i>Fundamental and Clinical Pharmacology</i> , 2003, 17, 595-598.	1.0	39
25	Nitric oxide and renal protection in morphine-dependent rats. <i>Free Radical Biology and Medicine</i> , 2010, 49, 1109-1118.	1.3	39
26	The Protective Effect of Remote Renal Preconditioning Against Hippocampal Ischemia Reperfusion Injury: Role of KATP Channels. <i>Journal of Molecular Neuroscience</i> , 2015, 57, 554-560.	1.1	37
27	Conjugated linoleic acid rat pretreatment reduces renal damage in ischemia/reperfusion injury: Unraveling antiapoptotic mechanisms and regulation of phosphorylated mammalian target of rapamycin. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2665-2677.	1.5	37
28	Inflammatory cytokine response and cardiac troponin I changes in cardiopulmonary bypass using two cardioplegia solutions; del Nido and modified St. Thomasâ€“TM: a randomized controlled trial. <i>Perfusion (United Kingdom)</i> , 2017, 32, 394-402.	0.5	32
29	MORPHINE DEPENDENCE PROTECTS RAT KIDNEY AGAINST ISCHAEMIAâ€“REPERFUSION INJURY. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2008, 35, 1209-1214.	0.9	31
30	Comparison of the Protective Effects of Melatonin and Silymarin Against Gentamicin-Induced Nephrotoxicity in Rats. <i>Journal of Evidence-Based Complementary & Alternative Medicine</i> , 2016, 21, NP49-NP55.	1.5	31
31	Preâ€“medication and renal preâ€“conditioning: a role for alprazolam, atropine, morphine and promethazine. <i>Fundamental and Clinical Pharmacology</i> , 2010, 24, 189-198.	1.0	29
32	Preparation, characterization, and evaluation of the anticancer activity of artemether-loaded nano-niosomes against breast cancer. <i>Breast Cancer</i> , 2020, 27, 243-251.	1.3	28
33	Topical immunotherapy with diphencyprone in the treatment of extensive and/or long-lasting alopecia areata. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2005, 19, 393-394.	1.3	27
34	Preconditioning with morphine protects hippocampal CA1 neurons from ischemiaâ€“reperfusion injury via activation of the mTOR pathway. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 80-87.	0.7	25
35	Hesperidin improves the follicular development in 3D culture of isolated preantral ovarian follicles of mice. <i>Experimental Biology and Medicine</i> , 2019, 244, 352-361.	1.1	25
36	Role of morphine preconditioning and nitric oxide following brain ischemia reperfusion injury in mice. <i>Iranian Journal of Basic Medical Sciences</i> , 2015, 18, 14-21.	1.0	25

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37	The expression of heat shock proteins 27 and 105 in squamous cell carcinoma of the tongue and relationship with clinicopathological index. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e730-e735.	0.7	23
38	Atorvastatin treatment softens human red blood cells: an optical tweezers study. <i>Biomedical Optics Express</i> , 2018, 9, 1256.	1.5	22
39	Activation of mitochondrial KATP channels mediates neuroprotection induced by chronic morphine preconditioning in hippocampal CA-1 neurons following cerebral ischemia. <i>Advances in Medical Sciences</i> , 2018, 63, 213-219.	0.9	18
40	Capsaicin protects against testicular torsion injury through mTOR-dependent mechanism. <i>Theriogenology</i> , 2018, 113, 247-252.	0.9	16
41	Role of Polyphenols on Gut Microbiota and the Ubiquitin-Proteasome System in Neurodegenerative Diseases. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 6119-6144.	2.4	16
42	Nanomaterial integration into the scaffolding materials for nerve tissue engineering: a review. <i>Reviews in the Neurosciences</i> , 2020, 31, 843-872.	1.4	16
43	Co-Loading of Cisplatin and Methotrexate in Nanoparticle-Based PCL-PEG System Enhances Lung Cancer Chemotherapy Effects. <i>Journal of Cluster Science</i> , 2022, 33, 1751-1762.	1.7	14
44	The Effect of Enalapril on Skin Flap Viability is Independent of Angiotensin II AT1 Receptors. <i>Annals of Plastic Surgery</i> , 2009, 62, 699-702.	0.5	13
45	Effects of diphencyprone on expression of Bcl-2 protein in patients with Alopecia areata. <i>Immunopharmacology and Immunotoxicology</i> , 2010, 32, 422-425.	1.1	13
46	Skeletal muscle post-conditioning by diazoxide, anti-oxidative and anti-apoptotic mechanisms. <i>Molecular Biology Reports</i> , 2012, 39, 11093-11103.	1.0	13
47	Development and characterization of a novel conductive polyaniline-g-polystyrene/Fe ₃ O ₄ nanocomposite for the treatment of cancer. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 873-881.	1.9	13
48	Electrochemical Oxidation and Determination of Antiviral Drug Acyclovir by Modified Carbon Paste Electrode With Magnetic CdO Nanoparticles. <i>Frontiers in Chemistry</i> , 2020, 8, 689.	1.8	13
49	Mesenchymal stem cells from human amniotic membrane differentiate into cardiomyocytes and endothelial-like cells without improving cardiac function after surgical administration in rat model of chronic heart failure. <i>Journal of Cardiovascular and Thoracic Research</i> , 2019, 11, 35-42.	0.3	13
50	Therapeutic effects of minoxidil high extra combination therapy in patients with androgenetic alopecia. <i>Skinmed</i> , 2012, 10, 276-82.	0.0	11
51	Significant effect of simvastatin and/or ezetimibe-loaded nanofibers on the healing of femoral defect: An experimental study. <i>Materials Science and Engineering C</i> , 2020, 111, 110861.	3.8	10
52	Late anti-apoptotic effect of K _{ATP} channel opening in skeletal muscle. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2012, 39, 909-916.	0.9	9
53	FOXO1 targeting by capsaicin reduces tissue damage after testicular torsion. <i>Andrologia</i> , 2018, 50, e12987.	1.0	8
54	Evaluation of inflammatory response in patients undergoing surgical treatment for early and delayed femoral fractures. <i>Archives of Medical Science</i> , 2019, 15, 141-145.	0.4	7

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55	Why does COVID-19 pathology have several clinical forms?. <i>BioEssays</i> , 2020, 42, 2000198.	1.2	6
56	Metronidazole, acyclovir and tetrahydrobiopterin may be promising to treat COVID-19 patients, through interaction with interleukin-12. <i>Journal of Biomolecular Structure and Dynamics</i> , 2023, 41, 4253-4271.	2.0	6
57	Simvastatin combined with bone marrow mesenchymal stromal cells (BMSCs) improve burn wound healing by ameliorating angiogenesis through SDF-1 α /CXCR4 pathway. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 751-759.	1.0	5
58	The effect of pomegranate extract on survival and peritoneal bacterial load in cecal ligation and perforation model of sepsis in rats. <i>International Journal of Preventive Medicine</i> , 2014, 5, 104-9.	0.2	4
59	Biosynthesis of SeNPs by <i>Mycobacterium bovis</i> and their enhancing effect on the immune response against HBs antigens: an <i>in vivo</i> study. <i>IET Nanobiotechnology</i> , 2018, 12, 57-63.	1.9	3
60	Modified Ultrafiltration in Coronary Artery Bypass Grafting: A Randomized, Double-Blinded, Controlled Clinical Trial. <i>Iranian Red Crescent Medical Journal</i> , 2018, 20, .	0.5	3
61	Improvement of tissue survival of skin flaps by 5 α -reductase inhibitors: possible involvement of nitric oxide and inducible nitric oxide synthase. <i>Iranian Biomedical Journal</i> , 2015, 19, 111-6.	0.4	1
62	ATP-dependent potassium channels are implicated in simvastatin pretreatment-induced inhibition of apoptotic cell death after renal ischemia/reperfusion injury. <i>Medical Journal of the Islamic Republic of Iran</i> , 2015, 29, 191.	0.9	1
63	The Effect of Doxycycline on Achilles Tendon Repair in a Rat Model. <i>Malaysian Orthopaedic Journal</i> , 2020, 14, 155-160.	0.2	0