

Ali Mostafaei

List of Publications by Year in descending order

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71
papers

1,099
citations

361045

20
h-index

476904

29
g-index

71
all docs

71
docs citations

71
times ranked

1692
citing authors

#	ARTICLE	IF	CITATIONS
1	Osthole Attenuates Doxorubicin-Induced Apoptosis in PC12 Cells through Inhibition of Mitochondrial Dysfunction and ROS Production. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	56
2	Alterations in serum levels of inflammatory cytokines (TNF, IL-1alpha, IL-1beta and IL-1Ra) 20years after sulfur mustard exposure: Sardasht-Iran cohort study. <i>International Immunopharmacology</i> , 2009, 9, 1466-1470.	1.7	54
3	Anticancer and anti-inflammatory activities of shallot (<i>Allium ascalonicum</i>) extract. <i>Archives of Medical Science</i> , 2011, 1, 38-44.	0.4	50
4	Multiwalled carbon nanotube-ionic liquid electrode modified with gold nanoparticles as a base for preparation of a novel impedimetric immunosensor for low level detection of human serum albumin in biological fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 92, 74-81.	1.4	50
5	A high sensitive label-free immunosensor for the determination of human serum IgG using overoxidized polypyrrole decorated with gold nanoparticle modified electrode. <i>Materials Science and Engineering C</i> , 2016, 59, 965-969.	3.8	48
6	A Proteomic Analysis of Human Follicular Fluid: Comparison between Younger and Older Women with Normal FSH Levels. <i>International Journal of Molecular Sciences</i> , 2014, 15, 17518-17540.	1.8	38
7	Comparative Evaluation of Cytotoxic and Apoptogenic Effects of Several Coumarins on Human Cancer Cell Lines: Osthole Induces Apoptosis in p53-Deficient H1299 Cells. <i>Advances in Pharmacological Sciences</i> , 2014, 2014, 1-8.	3.7	38
8	In vitro and in vivo anti-angiogenesis effect of shallot (<i>Allium ascalonicum</i>): A heat-stable and flavonoid-rich fraction of shallot extract potently inhibits angiogenesis. <i>Toxicology in Vitro</i> , 2010, 24, 1655-1661.	1.1	37
9	Purification and biochemical characterisation of glucoamylase from a newly isolated <i>Aspergillus niger</i> : Relation to starch processing. <i>Food Chemistry</i> , 2014, 161, 270-278.	4.2	37
10	<i>In vitro</i> and <i>ex vivo</i> antiangiogenic activity of <i>Salvia officinalis</i> . <i>Phytotherapy Research</i> , 2010, 24, 1526-1531.	2.8	35
11	Inhibition of Corneal Neovascularization with Propolis Extract. <i>Archives of Medical Research</i> , 2009, 40, 59-61.	1.5	29
12	Low molecular weight fraction of shark cartilage can modulate immune responses and abolish angiogenesis. <i>International Immunopharmacology</i> , 2005, 5, 961-970.	1.7	27
13	The effect of <i>Tribulus terrestris</i> extract on motility and viability of human sperms after cryopreservation. <i>Cryobiology</i> , 2017, 75, 154-159.	0.3	26
14	Kiwifruit Actinidin: A Proper New Collagenase for Isolation of Cells from Different Tissues. <i>Applied Biochemistry and Biotechnology</i> , 2008, 144, 123-131.	1.4	25
15	Augmenting trabeculectomy in glaucoma with subconjunctival mitomycin C versus subconjunctival 5-fluorouracil: a randomized clinical trial. <i>Clinical Ophthalmology</i> , 2011, 5, 491.	0.9	25
16	Elaidic acid sustains LPS and TNF- α induced ICAM-1 and VCAM-1 expression on human bone marrow endothelial cells (HBMEC). <i>Clinical Biochemistry</i> , 2010, 43, 968-972.	0.8	23
17	Low-dose subconjunctival bevacizumab to augment trabeculectomy for glaucoma. <i>Clinical Ophthalmology</i> , 2011, 5, 797.	0.9	23
18	Soybean Bowman-Birk Protease Inhibitor (BBI): Identification of the Mechanisms of BBI Suppressive Effect on Growth of Two Adenocarcinoma Cell Lines: AGS and HT29. <i>Archives of Medical Research</i> , 2014, 45, 455-461.	1.5	23

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19	Tehranolide molecule modulates the immune response, reduce regulatory T cell and inhibits tumor growth in vivo. <i>Molecular Immunology</i> , 2010, 47, 1579-1584.	1.0	22
20	Anti-angiogenic/proliferative behavior of a 4-aryl-4H-chromene on blood vessel endothelial cells: A possible evidence on dual anti-tumor activity. <i>Medicinal Chemistry Research</i> , 2011, 20, 920-929.	1.1	22
21	Modulation of CD4+ and CD8+ tumor infiltrating lymphocytes by a fraction isolated from shark cartilage: shark cartilage modulates anti-tumor immunity. <i>International Immunopharmacology</i> , 2003, 3, 921-926.	1.7	20
22	Naloxone can improve the anti-tumor immunity by reducing the CD4+CD25+Foxp3+ regulatory T cells in BALB/c mice. <i>International Immunopharmacology</i> , 2009, 9, 1381-1386.	1.7	20
23	Proteolytic Activities of Kiwifruit Actinidin (<i>Actinidia deliciosa</i> cv. Hayward) on Different Fibrous and Globular Proteins: A Comparative Study of Actinidin with Papain. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 4025-4037.	1.4	20
24	Differentiation of human skin-derived precursor cells into functional islet-like insulin-producing cell clusters. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015, 51, 595-603.	0.7	19
25	Anti-angiogenic effect of soybean kunitz trypsin inhibitor on human umbilical vein endothelial cells. <i>F&Toterap</i> , 2007, 78, 587-589.	1.1	17
26	2-Methylpyridine-1-ium-1-sulfonate from <i>Allium hirtifolium</i> : An anti-angiogenic compound which inhibits growth of MCF-7 and MDA-MB-231 cells through cell cycle arrest and apoptosis induction. <i>Biomedicine and Pharmacotherapy</i> , 2017, 93, 117-129.	2.5	17
27	Long term impact of sulfur mustard exposure on peripheral blood mononuclear subpopulations in Sardasht-Iran Cohort Study (SICS). <i>International Immunopharmacology</i> , 2013, 17, 931-935.	1.7	15
28	Inhibition of Corneal Neovascularization with a Nutrient Mixture Containing Lysine, Proline, Ascorbic Acid, and Green Tea Extract. <i>Archives of Medical Research</i> , 2007, 38, 789-791.	1.5	14
29	Heme, as a chaperone, binds to amyloid fibrils and forms peroxidase in vitro: Possible evidence on critical role of non-specific peroxidase activity in neurodegenerative disease onset/progression using the β -crystallin-based experimental system. <i>Archives of Biochemistry and Biophysics</i> , 2010, 494, 205-215.	1.4	14
30	Effect of palmitic acid and linoleic acid on expression of ICAM-1 and VCAM-1 in human bone marrow endothelial cells (HBMECs). <i>Archives of Medical Science</i> , 2012, 2, 192-198.	0.4	14
31	Comparative in vitro/theoretical studies on the anti-angiogenic activity of date pollen hydro-alcoholic extract: Highlighting the important roles of its hot polyphenols. <i>BiolImpacts</i> , 2018, 8, 281-294.	0.7	14
32	Alterations in the serum levels of soluble L, P and E-selectin 20years after sulfur mustard exposure: Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2009, 9, 1477-1481.	1.7	13
33	Proliferation and differentiation potential of cryopreserved human skin-derived precursors. <i>Cell Proliferation</i> , 2012, 45, 148-157.	2.4	13
34	Molecular cloning, expression and purification of recombinant soluble mouse endostatin as an anti-angiogenic protein in <i>Escherichia coli</i> . <i>Molecular Biology Reports</i> , 2013, 40, 1027-1033.	1.0	13
35	Enhancing the efficiency of 5-aminolevulinic acid-mediated photodynamic therapy using 5-fluorouracil on human melanoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2016, 13, 297-302.	1.3	13
36	Ellagic acid ameliorates cuprizone-induced acute CNS inflammation via restriction of microgliosis and down-regulation of CCL2 and CCL3 pro-inflammatory chemokines. <i>Cellular and Molecular Biology</i> , 2016, 62, 24-30.	0.3	12

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37	Encapsulation in PLGA-PEG enhances 9- nitro-camptothecin cytotoxicity to human ovarian carcinoma cell line through apoptosis pathway. <i>Research in Pharmaceutical Sciences</i> , 2015, 10, 161-8.	0.6	12
38	Caffeine alters the effects of bone marrow-derived mesenchymal stem cells on neutrophils. <i>Advances in Clinical and Experimental Medicine</i> , 2018, 27, 463-468.	0.6	11
39	Anti-inflammatory effect of chymotrypsin to autoimmune response against CNS is dose-dependent. <i>Cellular Immunology</i> , 2014, 292, 102-108.	1.4	9
40	In vitro inhibition of angiogenesis by heat and low pH stable hydroalcoholic extract of Peganum harmala seeds via inhibition of cell proliferation and suppression of VEGF secretion. <i>Pharmaceutical Biology</i> , 2015, 53, 855-861.	1.3	8
41	A Laboratory Method for Purification of Major Cow's Milk Allergens. <i>Journal of Immunoassay and Immunochemistry</i> , 2004, 25, 385-397.	0.5	7
42	Partially Folded Conformations of Bovine Liver Glutamate Dehydrogenase Induced by Mild Acidic Conditions. <i>Journal of Biochemistry</i> , 2007, 142, 193-200.	0.9	7
43	Effect of urea on protein separation by ion-exchange chromatography. <i>Journal of Biochemistry</i> , 2010, 147, 735-741.	0.9	7
44	Are serum levels of immunoglobulin classes and IgG subclasses involved in delayed pulmonary complications induced by sulfur mustard? Sardasht-Iran Cohort Study. <i>International Immunopharmacology</i> , 2013, 17, 936-943.	1.7	7
45	Bovine Sex Determining Region Y: Cloning, Optimized Expression, and Purification. <i>Animal Biotechnology</i> , 2017, 28, 44-52.	0.7	7
46	Purification of three major forms of β -hCG from urine and production of polyclonal antibodies against them. <i>Clinical Biochemistry</i> , 2009, 42, 1476-1482.	0.8	6
47	Production of monoclonal antibody against recombinant bovine sex-determining region Y (SRY) and their preferential binding to Y chromosome-bearing sperm. <i>Reproduction in Domestic Animals</i> , 2021, 56, 270-277.	0.6	6
48	Comparison of Heat Shock Response in <i>Brucella abortus</i> and <i>Brucella melitensis</i> . <i>Pakistan Journal of Biological Sciences</i> , 2008, 11, 188-194.	0.2	6
49	Comparative evaluation of amphotericin B binding to the native and modified forms of rice lipid-transfer protein: a possible perspective on improving the drug-binding affinity and specificity. <i>Journal of the Iranian Chemical Society</i> , 2013, 10, 937-950.	1.2	5
50	New procedure for epidermal cell isolation using kiwi fruit actinidin, and improved culture of melanocytes in the presence of leukaemia inhibitory factor and forskolin. <i>Cell Proliferation</i> , 2013, 46, 348-355.	2.4	5
51	Seminal vesicle fluid ameliorates autoimmune response within central nervous system. <i>Cellular and Molecular Immunology</i> , 2015, 12, 116-118.	4.8	5
52	Clinical application of stem cell therapy in neurogenic bladder: a systematic review and meta-analysis. <i>International Urogynecology Journal</i> , 2021, , 1.	0.7	5
53	Non-specific peroxidase activity and catalase-inhibitory behavior of fibrillar aggregates after interaction with heme: relevance to the etiology of amyloid-related neurodegenerative disorders using the experimental-based evidences. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 939-950.	1.2	4
54	An efficient method for purification of nonspecific lipid transfer protein from rice seeds using kiwifruit actinidin proteolysis and ion exchange chromatography. <i>Journal of Separation Science</i> , 2012, 35, 2827-2833.	1.3	4

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55	Wavefront-guided versus cross-cylinder photorefractive keratectomy in moderate-to-high astigmatism: a cohort of two consecutive clinical trials. <i>Clinical Ophthalmology</i> , 2012, 6, 199.	0.9	4
56	Ophthalmologist knowledge of evidence-based medicine and clinical practice guideline recommendations. <i>Evidence-Based Medicine</i> , 2016, 21, 49-54.	0.6	4
57	Bowman's Birk inhibitor modifies transcription of autophagy and apoptosis genes in an in vitro model of Alzheimer's disorder. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 11150-11157.	1.2	4
58	Inhibitory effect of Bowman's Birk protease inhibitor on autophagy in MDAMB231 breast cancer cell line. <i>Journal of Cancer Research and Therapeutics</i> , 2021, 17, 504.	0.3	4
59	Ethyl acetate fraction of <i>Allium hirtifolium</i> improves functional parameters of isolated hearts of diabetic rats. <i>Anatolian Journal of Cardiology</i> , 2017, 17, 452-459.	0.5	4
60	Development of an Enzyme-Linked Immunosorbent Assay for Immunoglobulin M Antibodies against Measles Virus. <i>Vaccine Journal</i> , 2003, 10, 439-442.	3.2	3
61	Production and characterization of monoclonal antibodies against human IgG in Balb/c mouse. <i>Human Antibodies</i> , 2006, 14, 1-5.	0.6	3
62	Salivary levels of secretory IgA, C5a and alpha 1-antitrypsin in sulfur mustard exposed patients 20years after the exposure, Sardasht-Iran Cohort Study (SICS). <i>International Immunopharmacology</i> , 2013, 17, 952-957.	1.7	3
63	Efficient Conjugation of Aflatoxin M1 With Bovine Serum Albumin through Aflatoxin M1-(O-carboxymethyl) Oxime and Production of Anti-aflatoxin M1 Antibodies. <i>Jundishapur Journal of Microbiology</i> , 2015, 8, e16850.	0.2	3
64	Possible peroxidase active site environment in amyloidogenic proteins: Native monomer or misfolded-oligomer; which one is susceptible to the enzymatic activity, with contribution of heme?. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 293-301.	3.6	3
65	Construction and characterization of monoclonal antibodies against the extracellular domain of B-lymphocyte antigen CD20 using DNA immunization method. <i>International Immunopharmacology</i> , 2017, 43, 23-32.	1.7	2
66	Efficient conjugation of anti-HBsAg antibody to modified core-shell magnetic nanoparticles (Fe ₃ O ₄ @SiO ₂ /NH ₂). <i>BiolImpacts</i> , 2021, 11, 237-244.	0.7	2
67	Olfactory Epithelium as an Infinitive Source of Neural Stem Cells for Derivation of Inner Ear Hair Cells. <i>International Journal of Morphology</i> , 2017, 35, 413-419.	0.1	1
68	Human coagulated plasma as a natural and low cost matrix for in vitro angiogenesis. <i>Iranian Biomedical Journal</i> , 2009, 13, 179-83.	0.4	1
69	Clinical Presentation of Iranian Patients Affected with COVID-19: A Thousand Faces Disease. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 140-146.	0.3	1
70	The Construction and Characterization of 1F5 Chimeric Anti-CD20 Monoclonal Antibodies: An Efficient Splicing by Overlap Extension-polymerase Chain Reaction Technique. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2021, 20, 205-220.	0.3	0
71	The Quality of Randomized Controlled Trial in Cochrane Kidney and Transplant Group. <i>Journal of Urological Surgery</i> , 2021, 8, 266-287.	0.2	0