

Ahmad Ghorbani

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,794
citations

201674

27
h-index

214800

47
g-index

109
all docs

109
docs citations

109
times ranked

4284
citing authors

#	ARTICLE	IF	CITATIONS
1	Pharmacological properties of <i>Salvia officinalis</i> and its components. <i>Journal of Traditional and Complementary Medicine</i> , 2017, 7, 433-440.	2.7	367
2	Mechanisms of antidiabetic effects of flavonoid rutin. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 305-312.	5.6	308
3	Cancer therapy with phytochemicals: evidence from clinical studies. <i>Avicenna Journal of Phytomedicine</i> , 2015, 5, 84-97.	0.2	125
4	Flavonoids for preserving pancreatic beta cell survival and function: A mechanistic review. <i>Biomedicine and Pharmacotherapy</i> , 2019, 111, 947-957.	5.6	94
5	Wnt/beta-catenin and PI3K/Akt/mTOR Signaling Pathways in Glioblastoma: Two Main Targets for Drug Design: A Review. <i>Current Pharmaceutical Design</i> , 2020, 26, 1729-1741.	1.9	81
6	Best herbs for managing diabetes: a review of clinical studies. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2013, 49, 413-422.	1.2	76
7	Protective Effect of Safranal, a Constituent of <i>Crocus sativus</i> , on Quinolinic Acid-induced Oxidative Damage in Rat Hippocampus. <i>Iranian Journal of Basic Medical Sciences</i> , 2013, 16, 73-82.	1.0	68
8	Isolation of adipose tissue mesenchymal stem cells without tissue destruction: A non-enzymatic method. <i>Tissue and Cell</i> , 2014, 46, 54-58.	2.2	66
9	Pancreatic beta cell protection/regeneration with phytotherapy. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 1-16.	1.2	60
10	Effects of a standardized extract of <i>Rheum turkestanicum</i> Janischew root on diabetic changes in the kidney, liver and heart of streptozotocin-induced diabetic rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 605-611.	5.6	56
11	Antidiabetic properties of <i>Capparis spinosa</i> L. and its components. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 293-302.	5.6	49
12	Protective effect of rutin on hexachlorobutadiene-induced nephrotoxicity. <i>Renal Failure</i> , 2013, 35, 1151-1155.	2.1	48
13	Kaempferol increases apoptosis in human acute promyelocytic leukemia cells and inhibits multidrug resistance genes. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 2288-2297.	2.6	47
14	Fibroblast Growth Factor Type 1 (FGF1)-Overexpressed Adipose-Derived Mesenchymal Stem Cells (AD-MSCFGF1) Induce Neuroprotection and Functional Recovery in a Rat Stroke Model. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 670-685.	5.6	43
15	Safety and efficacy of a polyherbal formulation for the management of dyslipidemia and hyperglycemia in patients with advanced-stage of type-2 diabetes. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 69-75.	5.6	42
16	<i>Viola tricolor</i> Induces Apoptosis in Cancer Cells and Exhibits Antiangiogenic Activity on Chicken Chorioallantoic Membrane. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	41
17	Clinical and experimental studies on polyherbal formulations for diabetes: current status and future prospective. <i>Journal of Integrative Medicine</i> , 2014, 12, 336-345.	3.1	39
18	Therapeutic Potential of Curcumin in the Treatment of Glioblastoma Multiforme. <i>Current Pharmaceutical Design</i> , 2019, 25, 333-342.	1.9	37

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19	Chronic Administration of a Combination of Six Herbs Inhibits the Progression of Hyperglycemia and Decreases Serum Lipids and Aspartate Amino Transferase Activity in Diabetic Rats. <i>Advances in Pharmacological Sciences</i> , 2012, 2012, 1-6.	3.7	36
20	Mechanism of protective effect of lettuce against glucose/serum deprivation-induced neurotoxicity. <i>Nutritional Neuroscience</i> , 2015, 18, 103-109.	3.1	35
21	Effects of Fenugreek Seeds on Adipogenesis and Lipolysis in Normal and Diabetic Rats. <i>Pakistan Journal of Biological Sciences</i> , 2014, 17, 523-528.	0.5	34
22	Phytotherapy for diabetic dyslipidemia: evidence from clinical trials. <i>Clinical Lipidology</i> , 2013, 8, 311-319.	0.4	33
23	Antimycobacterial, Anticancer, Antioxidant and Photocatalytic Activity of Biosynthesized Silver Nanoparticles Using <i>Berberis Integerrima</i> . <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2022, 46, 1-11.	1.5	33
24	Potentiating Effects of <i>Lactuca sativa</i> on Pentobarbital-Induced Sleep. <i>Iranian Journal of Pharmaceutical Research</i> , 2013, 12, 401-6.	0.5	32
25	Protective Effect of <i>Punica granatum</i> L. against Serum/Glucose Deprivation-Induced PC12 Cells Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	31
26	Oxidative stress-mediated cytotoxicity of zirconia nanoparticles on PC12 and N2a cells. <i>Journal of Nanoparticle Research</i> , 2016, 18, 1.	1.9	30
27	Auraptene-induced cytotoxicity mechanisms in human malignant glioblastoma (U87) cells: role of reactive oxygen species (ROS). <i>EXCLI Journal</i> , 2019, 18, 576-590.	0.7	30
28	Sleep-prolonging effect of <i>Coriandrum sativum</i> hydro-alcoholic extract in mice. <i>Natural Product Research</i> , 2012, 26, 1-4.	1.8	29
29	The effect of adipose derived stromal cells on oxidative stress level, lung emphysema and white blood cells of guinea pigs model of chronic obstructive pulmonary disease. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2014, 22, 26.	2.0	29
30	Hypnotic Effect of <i>Ocimum basilicum</i> on Pentobarbital-Induced Sleep in Mice. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e24261.	0.5	29
31	Biomedical Waste Management by Using Nanophotocatalysts: The Need for New Options. <i>Materials</i> , 2020, 13, 3511.	2.9	28
32	Adipose-Derived Stromal Cell Therapy Affects Lung Inflammation and Tracheal Responsiveness in Guinea Pig Model of COPD. <i>PLoS ONE</i> , 2014, 9, e108974.	2.5	25
33	Pathological consequences of C-peptide deficiency in insulin-dependent diabetes mellitus. <i>World Journal of Diabetes</i> , 2015, 6, 145.	3.5	22
34	Protective and hypoglycemic effects of celery seed on streptozotocin-induced diabetic rats: experimental and histopathological evaluation. <i>Acta Diabetologica</i> , 2016, 53, 609-619.	2.5	21
35	Cytotoxicity of a New Nano Zinc-Oxide Eugenol Sealer on Murine Fibroblasts. <i>Iranian Endodontic Journal</i> , 2015, 10, 231-5.	0.8	21
36	Fibroblast Growth Factor 1-Transfected Adipose-Derived Mesenchymal Stem Cells Promote Angiogenic Proliferation. <i>DNA and Cell Biology</i> , 2017, 36, 401-412.	1.9	20

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37	Antihyperglycemic and antihyperlipidemic effects of hydroalcoholic extract of <i>Securigera securidaca</i> seeds in streptozotocin-induced diabetic rats. <i>Advanced Biomedical Research</i> , 2015, 4, 33.	0.5	20
38	Toxicity evaluation of hydroalcoholic extract of <i>Ferula gummosa</i> root. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 35-41.	2.7	19
39	Effects of combinations of curcumin, linalool, rutin, safranal, and thymoquinone on glucose/serum deprivation-induced cell death. <i>Avicenna Journal of Phytomedicine</i> , 2013, 3, 321-8.	0.2	19
40	Exposure to mephedrone during gestation increases the risk of stillbirth and induces hippocampal neurotoxicity in mice offspring. <i>Neurotoxicology and Teratology</i> , 2018, 67, 10-17.	2.4	18
41	The Endocrine Regulation of Stem Cells: Physiological Importance and Pharmacological Potentials for Cell-Based Therapy. <i>Current Stem Cell Research and Therapy</i> , 2016, 11, 19-34.	1.3	17
42	Efficacy of <i>Trigonella foenum-graecum</i> Seed Extract in Reducing Metabolic and Inflammatory Alterations Associated With Menopause. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, e26685.	0.5	16
43	Cytotoxic effects of auraptene against a human malignant glioblastoma cell line. <i>Avicenna Journal of Phytomedicine</i> , 2019, 9, 334-346.	0.2	16
44	Acetylcholinesterase Inhibitors Promote Angiogenesis in Chick Chorioallantoic Membrane and Inhibit Apoptosis of Endothelial Cells. <i>International Journal of Alzheimer's Disease</i> , 2013, 2013, 1-7.	2.0	15
45	Bee venom induces apoptosis and suppresses matrix metalloproteinase-2 expression in human glioblastoma cells. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 324-328.	1.4	15
46	In vivo and In vitro effects of ethanolic extract of <i>Trigonella foenum-graecum</i> L. seeds on proliferation, angiogenesis and tube formation of endothelial cells. <i>Research in Pharmaceutical Sciences</i> , 2018, 13, 343.	1.8	15
47	Cigarette Smoking Behavior and the Related Factors Among the Students of Mashhad University of Medical Sciences in Iran. <i>Iranian Red Crescent Medical Journal</i> , 1970, 17, e16769.	0.5	14
48	Antihyperlipidemic Effect of a Polyherbal Mixture in Streptozotocin-Induced Diabetic Rats. <i>Journal of Lipids</i> , 2013, 2013, 1-6.	4.8	14
49	Effects of <i>Rhus coriaria</i> L. hydroalcoholic extract on the lipid and antioxidant profile in high fat diet-induced hepatic steatosis in rats. <i>Drug and Chemical Toxicology</i> , 2021, 44, 75-83.	2.3	14
50	Preparation and Applications of Superparamagnetic Iron Oxide Nanoparticles in Novel Drug Delivery Systems: An Overview. <i>Current Medicinal Chemistry</i> , 2021, 28, 777-799.	2.4	14
51	Comparison of In Vitro and In Situ Methods for Studying Lipolysis. <i>Isrn Endocrinology</i> , 2013, 2013, 1-6.	2.0	13
52	The effect of a vaginal suppository formulation of dill (<i>Anethum graveolens</i>) in comparison to clotrimazole vaginal tablet on the treatment of vulvovaginal candidiasis. <i>Journal of Obstetrics and Gynaecology</i> , 2018, 38, 985-988.	0.9	13
53	Pharmacological properties of <i>Rheum turkestanicum</i> Janisch. <i>Heliyon</i> , 2019, 5, e01986.	3.2	13
54	Combined use of platelet-rich plasma and adipose tissue-derived mesenchymal stem cells shows a synergistic effect in experimental spinal cord injury. <i>Journal of Chemical Neuroanatomy</i> , 2020, 110, 101870.	2.1	13

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55	<scp><i>Morus nigra</i></scp> L. extract prolongs survival of rats with hepatocellular carcinoma. <i>Phytotherapy Research</i> , 2021, 35, 3365-3376.	5.8	13
56	A Randomized Controlled Trial of a Herbal Compound for Improving Metabolic Parameters in Diabetic Patients with Uncontrolled Dyslipidemia. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 1075-1082.	1.2	13
57	Effects of Galbanic Acid on Proliferation, Migration, and Apoptosis of Glioblastoma Cells Through the PI3K/Akt/MTOR Signaling Pathway. <i>Current Molecular Pharmacology</i> , 2020, 14, 79-87.	1.5	13
58	Water-soluble compounds of lettuce inhibit DNA damage and lipid peroxidation induced by glucose/serum deprivation in N2a cells. <i>Acta Poloniae Pharmaceutica</i> , 2014, 71, 409-13.	0.1	13
59	Effects of Hydroalcoholic Extract of Watercress (<i>Nasturtium Officinale</i>) Leaves on Serum Glucose and Lipid Levels in Diabetic Rats. <i>Indian Journal of Physiology and Pharmacology</i> , 2015, 59, 223-30.	0.4	13
60	Tumor-Inhibitory Effects of Zerumbone Against HT-29 Human Colorectal Cancer Cells. <i>International Journal of Toxicology</i> , 2022, 41, 402-411.	1.2	13
61	Effects of a food product (based on <i>Daucus carota</i>) and education based on traditional Persian medicine on female sexual dysfunction: a randomized clinical trial. <i>Electronic Physician</i> , 2018, 10, 6577-6587.	0.2	12
62	A review on biological effects of <i>Lamium album</i> (white dead nettle) and its components. <i>Journal of HerbMed Pharmacology</i> , 2019, 8, 185-193.	0.9	12
63	Effects of hydroalcoholic extract of <i>Coriandrum sativum</i> on oxidative damage in pentylenetetrazole-induced seizures in rats. <i>Iranian Journal of Neurology</i> , 2015, 14, 59-66.	0.5	12
64	Evaluation of Cytotoxicity and Antifertility Effect of <i>Artemisia kopetdaghensis</i> . <i>Advances in Pharmacological Sciences</i> , 2014, 2014, 1-5.	3.7	11
65	Effects of ethanolic extract of <i>Ferula gummosa</i> oleo-resin in a rat model of streptozotocin-induced diabetes. <i>Research in Pharmaceutical Sciences</i> , 2019, 14, 138.	1.8	11
66	Effect of zoledronate, a third-generation bisphosphonate, on proliferation and apoptosis of human dental pulp stem cells. <i>Canadian Journal of Physiology and Pharmacology</i> , 2018, 96, 137-144.	1.4	10
67	NEUROPROTECTIVE EFFECT OF BOSWELLIA SERRATA AND ITS ACTIVE CONSTITUENT ACETYL 11-KETO- β -BOSWELLIC ACID AGAINST OXYGEN-GLUCOSE-SERUM DEPRIVATION-INDUCED CELL INJURY. <i>Acta Poloniae Pharmaceutica</i> , 2017, 74, 911-920.	0.1	10
68	Using paper presentation breaks during didactic lectures improves learning of physiology in undergraduate students. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2016, 40, 93-97.	1.6	9
69	Study of the mechanisms of crocetin-induced differentiation and apoptosis in human acute promyelocytic leukemia cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 1943-1957.	2.6	9
70	Protective Effects of <i>Morus nigra</i> and Its Phytochemicals against Hepatotoxicity: A Review of Preclinical Studies. <i>Pharmacology</i> , 2021, 106, 233-243.	2.2	9
71	Effect of <i>Capparis spinosa</i> Extract on Metabolic Parameters in Patients with Type-2 Diabetes: A Randomized Controlled Trial. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 100-107.	1.2	9
72	Effects of standardized extracts of <i>Lamium album</i> and <i>Urtica dioica</i> on rat tracheal smooth muscle contraction. <i>Journal of Pharmacopuncture</i> , 2018, 21, 70-75.	1.1	9

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73	Protective effect of <i>Viola tricolor</i> and <i>Viola odorata</i> extracts on serum/glucose deprivation-induced neurotoxicity: role of reactive oxygen species. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 434-41.	0.2	9
74	Protective effect of pomegranate seed oil against HO ₂ -induced oxidative stress in cardiomyocytes. <i>Avicenna Journal of Phytomedicine</i> , 2017, 7, 46-53.	0.2	9
75	Acute and sub-acute toxicity evaluation of the root extract of <i>Rheum turkestanicum</i> Janisch. <i>Drug and Chemical Toxicology</i> , 2020, 43, 609-615.	2.3	8
76	Levetiracetam promoted rat embryonic neurogenesis via NMDA receptor-mediated mechanism in vitro. <i>Life Sciences</i> , 2021, 284, 119923.	4.3	8
77	Effect of zirconium dioxide nanoparticles on glutathione peroxidase enzyme in PC12 and n2a cell lines. <i>Iranian Journal of Pharmaceutical Research</i> , 2014, 13, 1141-8.	0.5	8
78	The effects of different fractions of <i>Coriandrum sativum</i> on pentylenetetrazole-induced seizures and brain tissues oxidative damage in rats. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 223-35.	0.2	8
79	Cytotoxicity of a New Nano Root Canal Sealer on Human Gingival Fibroblasts. <i>Iranian Endodontic Journal</i> , 2017, 12, 220-225.	0.8	8
80	Effect of <i>Viola tricolor</i> on pentobarbital-induced sleep in mice. <i>African Journal of Pharmacy and Pharmacology</i> , 2012, 6, .	0.3	7
81	Metabolic effects of newly synthesized phosphodiesterase-3 inhibitor 6-[4-(4-methylpiperidin-1-yl)-4-oxobutoxy]-4-methylquinolin-2(1H)-one on rat adipocytes. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2015, 23, 19.	2.0	7
82	Effects of standardized extract of <i>Ferula gummosa</i> root on glutamate-induced neurotoxicity. <i>Folia Neuropathologica</i> , 2017, 55, 340-346.	1.2	7
83	Effect of berberine on the viability of adipose tissue-derived mesenchymal stem cells in nutrients deficient condition. <i>Natural Product Research</i> , 2018, 32, 592-595.	1.8	6
84	Anti-Hypolipidemic and Anti-Oxidative Effects of Hydroalcoholic Extract of <i>Origanum majorana</i> on the Hepatosteatosis Induced with High-Fat Diet in Rats. <i>The Malaysian Journal of Medical Sciences</i> , 2020, 27, 57-69.	0.5	6
85	Effects of different extracts of <i>Eugenia caryophyllata</i> on pentylenetetrazole-induced seizures in mice. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1476-1481.	0.7	6
86	Safety evaluation of Phytovagex, a pessary formulation of <i>Nigella sativa</i> , on pregnant rats. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 117-23.	0.2	6
87	Effects of <i>Securigera securidaca</i> Extract on Lipolysis and Adipogenesis in Diabetic Rats. <i>Cholesterol</i> , 2014, 2014, 1-5.	1.6	5
88	Administration of <i>Nigella sativa</i> during neonatal and juvenile growth period improved liver function of propylthiouracil-induced hypothyroid rats. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020, 33, 718-725.	1.5	5
89	assessment of alendronate toxic and apoptotic effects on human dental pulp stem cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 905-910.	1.0	5
90	Effect of <i>Ganoderma lucidum</i> hydroalcoholic extract on insulin release in rat-isolated pancreatic islets. <i>Avicenna Journal of Phytomedicine</i> , 2012, 2, 206-11.	0.2	4

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91	Hydroalcoholic extract of needles of <i>Pinus eldarica</i> enhances pentobarbital-induced sleep: possible involvement of GABAergic system. <i>Avicenna Journal of Phytomedicine</i> , 2016, 6, 449-57.	0.2	4
92	Evaluation Potential Antidiabetic Effects of <i>Ferula latisecta</i> in Streptozotocin-Induced Diabetic Rats. <i>Journal of Pharmacopuncture</i> , 2020, 23, 158-164.	1.1	4
93	Effects of Streptozotocin-Induced Diabetes on Proliferation and Differentiation Abilities of Mesenchymal Stem Cells Derived from Subcutaneous and Visceral Adipose Tissues. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2017, 125, 33-41.	1.2	3
94	Toxicity assessment of <i>Ferula gummosa</i> administration during pregnancy, lactation, and juvenile period in rat. <i>Drug and Chemical Toxicology</i> , 2018, 41, 199-205.	2.3	3
95	Rosmarinic Acid Protects Adipose Tissue-Derived Mesenchymal Stem Cells in Nutrient-Deficient Conditions. <i>Preventive Nutrition and Food Science</i> , 2019, 24, 449-455.	1.6	3
96	The effect of cilostamide derivatives on lipolysis of rat retroperitoneal adipose tissue. <i>Clinical Biochemistry</i> , 2011, 44, S248.	1.9	2
97	MC2, a new phosphodiesterase-3 inhibitor with antilipolytic and hypolipidemic effects in normal and diabetic rats. <i>International Journal of Diabetes in Developing Countries</i> , 2015, 35, 408-417.	0.8	2
98	Protective effects of a standardized extract of <i>Iris germanica</i> on pancreas and liver in streptozotocin-induced diabetic rats. <i>Research in Pharmaceutical Sciences</i> , 2021, 16, 71.	1.8	2
99	Efficacy of <i>Trigonella foenum-graecum</i> Seed Extract in Reducing Metabolic and Inflammatory Alterations Associated With Menopause. <i>Iranian Red Crescent Medical Journal</i> , 2015, 17, .	0.5	1
100	Effect of rutin on oxidative DNA damage in PC12 neurons cultured in nutrients deprivation condition. <i>Iranian Journal of Basic Medical Sciences</i> , 2020, 23, 390-395.	1.0	1
101	Fibroblast Growth Factor 1 Gene-Transfected Adipose-Derived Mesenchymal Stem Cells Modulate Apoptosis And Inflammation In The Chronic Constriction Injury Model of Neuropathic Pain. <i>Iranian Journal of Pharmaceutical Research</i> , 2020, 19, 151-159.	0.5	1
102	Efficacy of an herbal compound in decreasing steatosis and transaminase activities in non-alcoholic fatty liver disease: A randomized clinical trial. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 58, .	1.2	1
103	Effect of coriander on survival of PC12 cells cultured in glucose/serum-free medium. <i>Clinical Biochemistry</i> , 2011, 44, S41.	1.9	0
104	Saffron's role in metabolic disorders. , 2020, , 471-483.		0
105	Cell therapy by adipose stromal cells affect tracheal responsiveness and inflammatory responses in guinea pigs model of COPD. , 2015, , .		0
106	Evaluation Potential Antidiabetic Effects of in Streptozotocin-Induced Diabetic Rats. <i>Journal of Pharmacopuncture</i> , 2020, 23, 158-164.	1.1	0
107	Protective effect of on 6-hydroxydopamine-induced toxicity in SH-SY5Y cell line. <i>Avicenna Journal of Phytomedicine</i> , 2021, 11, 238-246.	0.2	0
108	Effects of a polyherbal formulation on the quality of life and survival of patients with common upper gastrointestinal cancers: A randomized placebo-controlled trial. <i>Avicenna Journal of Phytomedicine</i> , 2021, 11, 566-575.	0.2	0