Amir Abbas Momtazi

List of Publications by Year in descending order

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119 papers 4,506 citations

36 h-index 60 g-index

121 all docs

121 docs citations

times ranked

121

6967 citing authors

#	Article	IF	CITATIONS
1	Ferulic Acid Attenuates Kainate-induced Neurodegeneration in a Rat Poststatus Epilepticus Model. Current Molecular Pharmacology, 2023, 16, 178-187.	0.7	3
2	Negatively-charged Liposome Nanoparticles Can Prevent Dyslipidemia and Atherosclerosis Progression in the Rabbit Model. Current Vascular Pharmacology, 2022, 20, 69-76.	0.8	4
3	PCSK9 Inhibition-Based Therapeutic Approaches: An Immunotherapy Perspective. Current Medicinal Chemistry, 2022, 29, 980-999.	1.2	9
4	Novel P,C-orthopalladated complexes containing histidine and phenylalanine amino acids: synthesis, DNA and BSA interactions, <i>inÂvitro</i> antitumoral activity and molecular docking approach. Journal of Biomolecular Structure and Dynamics, 2022, 40, 5000-5015.	2.0	4
5	Berberine as a natural modulator of inflammatory signaling pathways in the immune system: Focus on <scp>NFâ€PB</scp> , <scp>JAK</scp> / <scp>STAT</scp> , and <scp>MAPK</scp> signaling pathways. Phytotherapy Research, 2022, 36, 1216-1230.	2.8	39
6	The therapeutic potential of regulatory T cells in reducing cardiovascular complications in patients with severe COVID-19. Life Sciences, 2022, 294, 120392.	2.0	3
7	Potential therapeutic effects of Ivermectin in COVID-19. Experimental Biology and Medicine, 2022, 247, 1388-1396.	1.1	2
8	Therapeutic angiogenesis with exosomal microRNAs: an effectual approach for the treatment of myocardial ischemia. Heart Failure Reviews, 2021, 26, 205-213.	1.7	41
9	Evaluating mRNA expression of tax , B chain of PDGFÂand PDGFâ€Î² receptorsÂas well as HTLVâ€I proviral load in ATL patients and healthy carriers. Journal of Medical Virology, 2021, 93, 3865-3870.	2.5	1
10	Interaction Between Coronavirus S-Protein and Human ACE2: Hints for Exploring Efficient Therapeutic Targets to Treat COVID-19. Angiology, 2021, 72, 122-130.	0.8	20
11	Intravenous Curcumin Mitigates Atherosclerosis Progression in Cholesterol-Fed Rabbits. Advances in Experimental Medicine and Biology, 2021, 1308, 45-54.	0.8	7
12	Mechanisms underlying low-clinical responses to PD-1/PD-L1 blocking antibodies in immunotherapy of cancer: a key role of exosomal PD-L1., 2021, 9, e001698.		78
13	The Impact of Immune Cell-derived Exosomes on Immune Response Initiation and Immune System Function. Current Pharmaceutical Design, 2021, 27, 197-205.	0.9	36
14	PCSK9 immunization using nanoliposomes: preventive efficacy against hypercholesterolemia and atherosclerosis. Archives of Medical Science, 2021, 17, 1365-1377.	0.4	39
15	Experimental and theoretical studies of Palladium-hydrazide complexes' interaction with DNA and BSA, in vitro cytotoxicity activity and plasmid cleavage ability. Computational Biology and Chemistry, 2021, 91, 107435.	1.1	7
16	Extracellular Vesicles in chondrogenesis and Cartilage regeneration. Journal of Cellular and Molecular Medicine, 2021, 25, 4883-4892.	1.6	20
17	PCSK9 vaccine: so near, yet so far!. European Heart Journal, 2021, 42, 4007-4010.	1.0	23
18	Pre-Clinical Evaluation of the Nanoliposomal antiPCSK9 Vaccine in Healthy Non-Human Primates. Vaccines, 2021, 9, 749.	2.1	24

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19	Cytotoxicity, anti-tumor effects and structure-activity relationships of nickel and palladium S,C,S pincer complexes against double and triple-positive and triple-negative breast cancer (TNBC) cells. Bioorganic and Medicinal Chemistry Letters, 2021, 43, 128107.	1.0	6
20	Impact of PCSK9 Immunization on Glycemic Indices in Diabetic Rats. Journal of Diabetes Research, 2021, 2021, 1-11.	1.0	5
21	Phosphatidylserine-containing liposomes: Therapeutic potentials against hypercholesterolemia and atherosclerosis. European Journal of Pharmacology, 2021, 908, 174308.	1.7	4
22	Berberine as a promising natural compound for the treatment of periodontal disease: A focus on antiâ€inflammatory properties. Journal of Cellular and Molecular Medicine, 2021, 25, 11333-11337.	1.6	23
23	Investigation of the Effects of Difluorinated Curcumin on Glycemic Indices in Streptozotocin-Induced Diabetic Rats. Advances in Experimental Medicine and Biology, 2021, 1328, 131-141.	0.8	3
24	Investigation of the Effects of Trehalose on Glycemic Indices in Streptozotocin-Induced Diabetic Rats. Advances in Experimental Medicine and Biology, 2021, 1328, 481-488.	0.8	0
25	The Effect of Cigarette Smoke Exposure on Efferocytosis in Chronic Obstructive Pulmonary Disease; Molecular Mechanisms and Treatment Opportunities. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2021, 18, 723-736.	0.7	4
26	Inhibitory effects of tolerogenic probiotics on migratory potential of lupus patient-derived DCs Iranian Journal of Basic Medical Sciences, 2021, 24, 1509-1514.	1.0	1
27	Unfolded protein responseâ€mediated modulation of mesenchymal stem cells. IUBMB Life, 2020, 72, 187-197.	1.5	9
28	Evaluation of Interleukin 25 and Interleukin 25 Receptor Expression in Peripheral Blood Mononuclear Cells of Breast Cancer Patients and Normal Subjects. Journal of Interferon and Cytokine Research, 2020, 40, 139-144.	0.5	4
29	Novel fluorescence palladium-alkoxime complexes: Synthesis, characterization, DNA/BSA spectroscopic and docking studies, evaluation of cytotoxicity and DNA cleavage mechanism. Journal of Molecular Structure, 2020, 1206, 127595.	1.8	16
30	Modulatory effects of curcumin on the atherogenic activities of inflammatory monocytes: Evidence from in vitro and animal models of human atherosclerosis. BioFactors, 2020, 46, 341-355.	2.6	29
31	Potential cytotoxic and anti-metastatic effects of berberine on gynaecological cancers with drug-associated resistance. European Journal of Medicinal Chemistry, 2020, 187, 111951.	2.6	33
32	Circulating exosomal <scp>microRNAs</scp> as emerging nonâ€invasive clinical biomarkers in heart failure: Mega bioâ€roles of a nano bioâ€particle. IUBMB Life, 2020, 72, 2546-2562.	1.5	26
33	Promising Anti-atherosclerotic Effect of Berberine: Evidence from In Vitro, In Vivo, and Clinical Studies. Reviews of Physiology, Biochemistry and Pharmacology, 2020, 178, 83-110.	0.9	29
34	The potential therapeutic effects of curcumin on pregnancy complications: Novel insights into reproductive medicine. IUBMB Life, 2020, 72, 2572-2583.	1.5	18
35	Immunomodulatory effects of berberine on the inflamed joint reveal new therapeutic targets for rheumatoid arthritis management. Journal of Cellular and Molecular Medicine, 2020, 24, 12234-12245.	1.6	37
36	Antiâ€inflammatory and immuneâ€modulatory impacts of berberine on activation of autoreactive T cells in autoimmune inflammation. Journal of Cellular and Molecular Medicine, 2020, 24, 13573-13588.	1.6	63

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37	Evaluating the mechanism underlying antitumor effect of interleukin 27 on B cells of chronic lymphocytic leukemia patients. Journal of Cellular Physiology, 2020, 235, 9424-9431.	2.0	7
38	Immunomodulatory therapeutic effects of curcumin in rheumatoid arthritis. Autoimmunity Reviews, 2020, 19, 102593.	2.5	19
39	Exosomes: Effectual players in rheumatoid arthritis. Autoimmunity Reviews, 2020, 19, 102511.	2.5	55
40	Spectral and molecular docking studies of nucleic acids/protein binding interactions of a novel organometallic palladium (II) complex containing bioactive PTA ligands: Its synthesis, anticancer effects and encapsulation in albumin nanoparticles. Applied Organometallic Chemistry, 2020, 34, e5839.	1.7	7
41	Toxicity assessment of superparamagnetic iron oxide nanoparticles in different tissues. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 443-451.	1.9	105
42	Effects of immunisation against PCSK9 in mice bearing melanoma. Archives of Medical Science, 2020, 16, 189-199.	0.4	17
43	Probiotics with ameliorating effects on the severity of skin inflammation in psoriasis: Evidence from experimental and clinical studies. Journal of Cellular Physiology, 2020, 235, 8925-8937.	2.0	20
44	Immunomodulatory Effects of Curcumin in Rheumatoid Arthritis: Evidence from Molecular Mechanisms to Clinical Outcomes. Reviews of Physiology, Biochemistry and Pharmacology, 2020, 179, 1-29.	0.9	18
45	A Pd(II) complex derived from pyridine-2-carbaldehyde oxime ligand: Synthesis, characterization, DNA and BSA interaction studies and inÂvitro anticancer activity. Journal of Molecular Structure, 2020, 1219, 128479.	1.8	24
46	Evaluation of the Anti-Tumor Activity of Niclosamide Nanoliposomes Against Colon Carcinoma. Current Molecular Pharmacology, 2020, 13, 245-250.	0.7	4
47	Preparation of nanoliposomes containing HER2/neu (P5+435) peptide and evaluation of their immune responses and anti-tumoral effects as a prophylactic vaccine against breast cancer. PLoS ONE, 2020, 15, e0243550.	1.1	11
48	Bacterial infections are associated with cardiovascular disease in Iran: a meta-analysis. Archives of Medical Science, 2019, 15, 902-911.	0.4	13
49	PCSK9 and inflammation: a review of experimental and clinical evidence. European Heart Journal - Cardiovascular Pharmacotherapy, 2019, 5, 237-245.	1.4	104
50	Targetedâ \in nanoliposomal combretastatin A4 (CAâ \in 4) as an efficient antivascular candidate in the metastatic cancer treatment. Journal of Cellular Physiology, 2019, 234, 14721-14733.	2.0	19
51	Curcumin as a potential modulator of M1 and M2 macrophages: new insights in atherosclerosis therapy. Heart Failure Reviews, 2019, 24, 399-409.	1.7	68
52	Effects of immunization against PCSK9 in an experimental model of breast cancer. Archives of Medical Science, 2019, 15, 570-579.	0.4	37
53	Potential anti-tumor effect of a nanoliposomal antiPCSK9 vaccine in mice bearing colorectal cancer. Archives of Medical Science, 2019, 15, 559-569.	0.4	29
54	P435 HER2/neu-derived peptide conjugated to liposomes containing DOPE as an effective prophylactic vaccine formulation for breast cancer. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 664-672.	1.9	29

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55	Cardioprotective microRNAs: Lessons from stem cell-derived exosomal microRNAs to treat cardiovascular disease. Atherosclerosis, 2019, 285, 1-9.	0.4	157
56	Long-term generation of antiPCSK9 antibody using a nanoliposome-based vaccine delivery system. Atherosclerosis, 2019, 283, 69-78.	0.4	49
57	Antitumor effects of curcumin: A lipid perspective. Journal of Cellular Physiology, 2019, 234, 14743-14758.	2.0	39
58	The immunomodulatory role of probiotics in allergy therapy. Journal of Cellular Physiology, 2019, 234, 2386-2398.	2.0	47
59	Potential therapeutic effects of curcumin in gastric cancer. Journal of Cellular Physiology, 2019, 234, 2317-2328.	2.0	57
60	Evaluation of vitamin D ₃ deficiency: A populationâ€based study in northeastern Iran. Journal of Cellular Biochemistry, 2019, 120, 10337-10341.	1.2	13
61	Synthesis, crystal structure of novel unsymmetrical heterocyclic Schiff base Ni(II)/V(IV) complexes: Investigation of DNA binding, protein binding and in vitro cytotoxic activity. Inorganica Chimica Acta, 2019, 488, 182-194.	1.2	25
62	Dietary natural products as emerging lipoprotein(a)â€lowering agents. Journal of Cellular Physiology, 2019, 234, 12581-12594.	2.0	29
63	Preparation of nanoliposomes linked to HER2/neuâ€derived (P5) peptide containing MPL adjuvant as vaccine against breast cancer. Journal of Cellular Biochemistry, 2019, 120, 1294-1303.	1.2	13
64	Evaluation of STAT1 and Wnt5a gene expression in gingival tissues of patients with periodontal disease. Journal of Cellular Biochemistry, 2019, 120, 1827-1834.	1.2	11
65	Lecithin soybean phospholipid nanoâ€transfersomes as potential carriers for transdermal delivery of the human growth hormone. Journal of Cellular Biochemistry, 2019, 120, 9023-9033.	1.2	38
66	A simple and rapid-acting approach for the reduction of C-reactive protein. Biomedicine and Pharmacotherapy, 2019, 109, 2305-2308.	2.5	3
67	The molecular mechanisms of curcuminâ∈™s inhibitory effects on cancer stem cells. Journal of Cellular Biochemistry, 2019, 120, 4739-4747.	1.2	27
68	A novel silver (I) complex of \hat{l}_{\pm} -keto phosphorus ylide: Synthesis, characterization, crystal structure, biomolecular interaction studies, molecular docking and in \hat{A} vitro cytotoxic evaluation. Journal of Molecular Structure, 2019, 1177, 430-443.	1.8	14
69	Antiproliferative activity of morpholine-based compounds on MCF-7 breast cancer, colon carcinoma C26, and normal fibroblast NIH-3T3 cell lines and study of their binding affinity to calf thymus-DNA and bovine serum albumin. Journal of Biomolecular Structure and Dynamics, 2019, 37, 3788-3802.	2.0	6
70	Nanoliposomal Encapsulation Enhances In Vivo Anti-Tumor Activity of Niclosamide against Melanoma. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1618-1626.	0.9	9
71	The Role of Interleukin-4 and 13 Gene Polymorphisms in Allergic Rhinitis: A Case Control Study. Reports of Biochemistry and Molecular Biology, 2019, 8, 111-118.	0.5	10
72	Curcumin in Advancing Treatment for Gynecological Cancers with Developed Drug- and Radiotherapy-Associated Resistance. Reviews of Physiology, Biochemistry and Pharmacology, 2018, 176, 107-129.	0.9	18

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73	Potential of Cationic Liposomes as Adjuvants/Delivery Systems for Tuberculosis Subunit Vaccines. Reviews of Physiology, Biochemistry and Pharmacology, 2018, 175, 47-69.	0.9	30
74	The novel role of pyrvinium in cancer therapy. Journal of Cellular Physiology, 2018, 233, 2871-2881.	2.0	57
75	Cytokine networks and their association with <i>Helicobacter pylori</i> infection in gastric carcinoma. Journal of Cellular Physiology, 2018, 233, 2791-2803.	2.0	32
76	Therapeutic effects of curcumin in inflammatory and immuneâ€mediated diseases: A natureâ€made jackâ€ofâ€allâ€trades?. Journal of Cellular Physiology, 2018, 233, 830-848.	2.0	209
77	Cobalt (II) complex with novel unsymmetrical tetradentate Schiff base (ON) ligand: <i>in vitro</i> cytotoxicity studies of complex, interaction with DNA/protein, molecular docking studies, and antibacterial activity. Journal of Biomolecular Structure and Dynamics, 2018, 36, 532-549.	2.0	38
78	PCSK9 and infection: A potentially useful or dangerous association?. Journal of Cellular Physiology, 2018, 233, 2920-2927.	2.0	26
79	Altered Expression of MicroRNAs in Rheumatoid Arthritis. Journal of Cellular Biochemistry, 2018, 119, 478-487.	1.2	63
80	MicroRNAs: New Therapeutic Targets for Familial Hypercholesterolemia?. Clinical Reviews in Allergy and Immunology, 2018, 54, 224-233.	2.9	27
81	Synthesis, spectroscopic characterization and inÂvitro cytotoxicities of new organometallic palladium complexes with biologically active \hat{I}^2 -diketones; Biological evaluation probing of the interaction mechanism with DNA/Protein and molecular docking. Journal of Molecular Structure, 2018, 1154, 480-495.	1.8	22
82	Synthesis and spectroscopic characterization study of new palladium complexes containing bioactive O,O-chelated ligands: evaluation of the DNA/protein BSA interaction, <i>in vitro</i> antitumoural activity and molecular docking. Journal of Biomolecular Structure and Dynamics, 2018, 36, 3324-3340.	2.0	33
83	Gankyrin: a novel promising therapeutic target for hepatocellular carcinoma. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1301-1313.	1.9	20
84	HDL functionality in familial hypercholesterolemia: effects of treatment modalities and pharmacological interventions. Drug Discovery Today, 2018, 23, 171-180.	3.2	17
85	Curcumin: A natural modulator of immune cells in systemic lupus erythematosus. Autoimmunity Reviews, 2018, 17, 125-135.	2.5	142
86	A saccharinate-bridged palladacyclic dimer with a Pd–Pd bond: experimental and molecular docking studies of the interaction with DNA and BSA and <i>in vitro</i> cytotoxicity against human cancer cell lines. New Journal of Chemistry, 2018, 42, 574-586.	1.4	23
87	Nanoliposomes as the adjuvant delivery systems in cancer immunotherapy. Journal of Cellular Physiology, 2018, 233, 5189-5199.	2.0	65
88	Lambda phage nanoparticles displaying HER2-derived E75 peptide induce effective E75-CD8+ T response. Immunologic Research, 2018, 66, 200-206.	1.3	30
89	Anti-Cancer and Radio-Sensitizing Effects of Curcumin in Nasopharyngeal Carcinoma. Current Pharmaceutical Design, 2018, 24, 2121-2128.	0.9	33
90	Are chitosan natural polymers suitable as adjuvant/delivery system for anti-tuberculosis vaccines?. Microbial Pathogenesis, 2018, 121, 218-223.	1.3	47

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91	Curcumin: A Natural Pan-HDAC Inhibitor in Cancer. Current Pharmaceutical Design, 2018, 24, 123-129.	0.9	54
92	PCSK9 and diabetes: is there a link?. Drug Discovery Today, 2017, 22, 883-895.	3.2	39
93	Phytochemical Analysis and Cytotoxicity Evaluation of Kelussia odoratissima Mozaff JAMS Journal of Acupuncture and Meridian Studies, 2017, 10, 180-186.	0.3	14
94	The most prevalent side effects of pegylated liposomal doxorubicin monotherapy in women with metastatic breast cancer: a systematic review of clinical trials. Cancer Gene Therapy, 2017, 24, 189-193.	2.2	79
95	Enhanced Entrapment and Improved in Vitro Controlled Release of Nâ€Acetyl Cysteine in Hybrid PLGA/Lecithin Nanoparticles Prepared Using a Nanoprecipitation/Selfâ€Assembly Method. Journal of Cellular Biochemistry, 2017, 118, 4203-4209.	1.2	23
96	HDL abnormalities in familial hypercholesterolemia: Focus on biological functions. Progress in Lipid Research, 2017, 67, 16-26.	5.3	51
97	Curcumin: A Naturally Occurring Modulator of Adipokines in Diabetes. Journal of Cellular Biochemistry, 2017, 118, 4170-4182.	1.2	42
98	Hesperidin ameliorates immunological outcome and reduces neuroinflammation in the mouse model of multiple sclerosis. Journal of Neuroimmunology, 2017, 302, 23-33.	1,1	58
99	Regulatory effects of berberine on microRNome in Cancer and other conditions. Critical Reviews in Oncology/Hematology, 2017, 116, 147-158.	2.0	77
100	Regulation of PCSK9 by nutraceuticals. Pharmacological Research, 2017, 120, 157-169.	3.1	89
101	Synthesis, characterization and biological activities of two novel orthopalladated complexes: Interactions with DNA and bovine serum albumin, antitumour activity and molecular docking studies. Applied Organometallic Chemistry, 2017, 31, e3740.	1.7	17
102	Adapting the ICRP model to predict regional deposition of the pharmaceutical aerosols inhaled through DPIs and nebulizers. Journal of Drug Delivery Science and Technology, 2017, 37, 81-87.	1.4	2
103	Isolation, identification, and characterization of cancer stem cells: A review. Journal of Cellular Physiology, 2017, 232, 2008-2018.	2.0	157
104	Curcumin: A potentially powerful tool to reverse cisplatin-induced toxicity. Pharmacological Research, 2017, 117, 218-227.	3.1	137
105	PCSK9 inhibitors in sepsis: a new potential indication?. Expert Opinion on Investigational Drugs, 2017, 26, 137-139.	1.9	20
106	Tolerogenic probiotics: potential immunoregulators in Systemic Lupus Erythematosus. Journal of Cellular Physiology, 2017, 232, 1994-2007.	2.0	53
107	Synthesis, electronic structure and molecular docking of new organometallic palladium (II) complexes with intercalator ligands: The influence of bridged ligands on enhanced DNA/serum protein binding and inÂvitro antitumoral activity. Journal of Organometallic Chemistry, 2017, 827, 1-14.	0.8	27
108	Neutralizing human recombinant antibodies against herpes simplex virus type 1 glycoproteins B from a phage-displayed scFv antibody library. Life Sciences, 2017, 169, 1-5.	2.0	7

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109	Conjugated nanoliposome with the HER2/neu-derived peptide GP2 as an effective vaccine against breast cancer in mice xenograft model. PLoS ONE, 2017, 12, e0185099.	1.1	45
110	A Review on the Pharmacology and Toxicology of Steviol Glycosides Extracted from Stevia rebaudiana. Current Pharmaceutical Design, 2017, 23, 1616-1622.	0.9	102
111	Cognitive enhancing of pineapple extract and juice in scopolamine-induced amnesia in mice. Research in Pharmaceutical Sciences, 2017, 12, 257.	0.6	8
112	Protective role of R381Q (rs11209026) polymorphism in <i>IL-23R</i> gene in immune-mediated diseases: A comprehensive review. Journal of Immunotoxicology, 2016, 13, 286-300.	0.9	41
113	Curcumin as a MicroRNA Regulator in Cancer: A Review. Reviews of Physiology, Biochemistry and Pharmacology, 2016, 171, 1-38.	0.9	187
114	Complexes of Co (II) and Cu (II) with nonsteroidal anticancer drug Letrozole and their interaction with DNA and BSA by spectroscopic methods and cytotoxic activity. Journal of the Iranian Chemical Society, 2016, 13, 2121-2133.	1.2	4
115	A novel Schiff base derived from the gabapentin drug and copper (II) complex: Synthesis, characterization, interaction with DNA/protein and cytotoxic activity. Journal of Photochemistry and Photobiology B: Biology, 2016, 162, 34-44.	1.7	69
116	Role of microRNAs in the Therapeutic Effects of Curcumin in Non-Cancer Diseases. Molecular Diagnosis and Therapy, 2016, 20, 335-345.	1.6	155
117	Difluorinated Curcumin: A Promising Curcumin Analogue with Improved Anti-Tumor Activity and Pharmacokinetic Profile. Current Pharmaceutical Design, 2016, 22, 4386-4397.	0.9	134
118	Antiproliferative activity and apoptosis induction of crude extract and fractions of avicennia marina. Iranian Journal of Basic Medical Sciences, 2013, 16, 1203-8.	1.0	24
119	Association between rs619586 (A/G) polymorphism in the gene encoding lncRNA-MALAT1 with type 2 diabetes susceptibility among the Isfahan population in Iran. International Journal of Diabetes in Developing Countries, $0, 1$.	0.3	0