

Babak Negahdari

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

2,474
citations

257429

24
h-index

223791

46
g-index

89
all docs

89
docs citations

89
times ranked

4094
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, properties and biomedical applications of carbon-based quantum dots: An updated review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 87, 209-222.	5.6	419
2	Stem Cell Therapy: A New Therapeutic Option for Cardiovascular Diseases. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 95-104.	2.6	131
3	Nanoparticles as new tools for inhibition of cancer angiogenesis. <i>Journal of Cellular Physiology</i> , 2018, 233, 2902-2910.	4.1	130
4	<i>Fusobacterium nucleatum</i> and colorectal cancer: A mechanistic overview. <i>Journal of Cellular Physiology</i> , 2019, 234, 2337-2344.	4.1	114
5	Role of protease and protease inhibitors in cancer pathogenesis and treatment. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 221-231.	5.6	107
6	Clinical, immunologic, and genetic spectrum of 696 patients with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1450-1458.	2.9	90
7	Melatonin as an angiogenesis inhibitor to combat cancer: Mechanistic evidence. <i>Toxicology and Applied Pharmacology</i> , 2017, 335, 56-63.	2.8	84
8	Regulation of tumor angiogenesis by microRNAs: State of the art. <i>Journal of Cellular Physiology</i> , 2019, 234, 1099-1110.	4.1	78
9	Synthesis and Characterization of Chrysin-loaded PCL-PEG-PCL nanoparticle and its effect on breast cancer cell line. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 1915-1922.	5.6	67
10	Oncolytic adenovirus: A tool for cancer therapy in combination with other therapeutic approaches. <i>Journal of Cellular Physiology</i> , 2019, 234, 8636-8646.	4.1	58
11	Biosensors for the Detection of Environmental and Urban Pollutions. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 207-212.	2.6	52
12	Oncolytic virotherapy: Challenges and solutions. <i>Current Problems in Cancer</i> , 2021, 45, 100639.	2.0	51
13	Heart targeted nanoliposomal/nanoparticles drug delivery: An updated review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 86, 316-323.	5.6	49
14	A lectin-coupled porous silicon-based biosensor: label-free optical detection of bacteria in a real-time mode. <i>Scientific Reports</i> , 2020, 10, 16017.	3.3	49
15	Electrospun core-sheath poly(vinyl alcohol)/silk fibroin nanofibers with Rosuvastatin release functionality for enhancing osteogenesis of human adipose-derived stem cells. <i>Materials Science and Engineering C</i> , 2019, 99, 129-139.	7.3	45
16	Colon cancer targeting using conjugates biomaterial 5-fluorouracil. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 780-788.	5.6	39
17	Diabetic ulcer regeneration: stem cells, biomaterials, growth factors. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 26-32.	2.8	37
18	Comparison of Common Monogenic Defects in a Large Predominantly Antibody Deficiency Cohort. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019, 7, 864-878.e9.	3.8	37

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19	New therapeutic approach by sirolimus for enteropathy treatment in patients with LRBA deficiency. <i>European Annals of Allergy and Clinical Immunology</i> , 2017, 49, 235.	1.0	33
20	Cardioprotective effect of magnetic hydrogel nanocomposite loaded N,Î±-L-rhamnopyranosyl vincosamide isolated from <i>Moringa oleifera</i> leaves against doxorubicin-induced cardiac toxicity in rats: <i>in vitro</i> and <i>in vivo</i> studies. <i>Journal of Microencapsulation</i> , 2017, 34, 335-341.	2.8	30
21	Exosomal noncoding RNAs: key players in glioblastoma drug resistance. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4081-4092.	3.1	30
22	The bioextraction of bioplastics with focus on polyhydroxybutyrate: a review. <i>International Journal of Environmental Science and Technology</i> , 2019, 16, 3935-3948.	3.5	28
23	Autoimmunity and its association with regulatory T cells and B cell subsets in patients with common variable immunodeficiency. <i>Allergologia Et Immunopathologia</i> , 2018, 46, 127-135.	1.7	27
24	Targeting siRNA in colorectal cancer therapy: Nanotechnology comes into view. <i>Journal of Cellular Physiology</i> , 2019, 234, 14818-14827.	4.1	27
25	Measurement of Health-Related Quality of Life in Primary Antibody-Deficient Patients. <i>Immunological Investigations</i> , 2017, 46, 329-340.	2.0	26
26	Incorporation of Nanoalumina Improves Mechanical Properties and Osteogenesis of Hydroxyapatite Bioceramics. <i>ACS Biomaterials Science and Engineering</i> , 2018, 4, 1324-1336.	5.2	26
27	Design and fabrication of a nanofibrous polycaprolactone tubular nerve guide for peripheral nerve tissue engineering using a two-pole electrospinning system. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 025017.	3.3	25
28	Recent advances in magnetoliposome for heart drug delivery. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1051-1057.	2.8	24
29	Nanotechnology application for pain therapy. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 368-373.	2.8	24
30	Nanotechnology application to local anaesthesia (LA). <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 355-360.	2.8	23
31	Silk fibroin/alumina nanoparticle scaffold using for osteogenic differentiation of rabbit adipose-derived stem cells. <i>Materialia</i> , 2020, 9, 100518.	2.7	23
32	Cohort of Iranian Patients with Congenital Agammaglobulinemia: Mutation Analysis and Novel Gene Defects. <i>Expert Review of Clinical Immunology</i> , 2016, 12, 479-486.	3.0	22
33	Glucose reinforced Fe ₃ O ₄ @cellulose mediated amino acid: Reusable magnetic glyconanoparticles with enhanced bacteria capture efficiency. <i>Carbohydrate Polymers</i> , 2017, 170, 190-197.	10.2	22
34	Gold nanoparticles and hepatitis B virus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 469-474.	2.8	21
35	Autoimmunity as a target for chimeric immune receptor therapy: A new vision to therapeutic potential. <i>Blood Reviews</i> , 2020, 41, 100645.	5.7	21
36	Overexpression of miR-219 promotes differentiation of human induced pluripotent stem cells into pre-oligodendrocyte. <i>Journal of Chemical Neuroanatomy</i> , 2018, 91, 8-16.	2.1	20

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37	Genetically engineered mesenchymal stem cells: targeted delivery of immunomodulatory agents for tumor eradication. <i>Cancer Gene Therapy</i> , 2020, 27, 854-868.	4.6	19
38	Managing patients with side effects and adverse events to immunoglobulin therapy. <i>Expert Review of Clinical Pharmacology</i> , 2016, 9, 91-102.	3.1	17
39	Overcoming the blood-brain barrier in neurodegenerative disorders and brain tumours. <i>IET Nanobiotechnology</i> , 2020, 14, 441-448.	3.8	16
40	Gold nanoparticles and hepatitis B virus. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 455-461.	2.8	15
41	Advanced therapeutic modalities in hepatocellular carcinoma: Novel insights. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 8602-8614.	3.6	15
42	Osteogenic potential of Rosuvastatin immobilized on silk fibroin nanofibers using argon plasma treatment. <i>Biomedical Materials (Bristol)</i> , 2019, 14, 025002.	3.3	14
43	Strategies for enhancing intratumoral spread of oncolytic adenoviruses. , 2020, 213, 107586.		14
44	<i>Helicobacter pylori</i> antibiotic resistance and correlation with <i>cagA</i> motifs and <i>homB</i> gene. <i>Postgraduate Medicine</i> , 2020, 132, 512-520.	2.0	14
45	Oncolytic virotherapy as promising immunotherapy against cancer: mechanisms of resistance to oncolytic viruses. <i>Future Oncology</i> , 2022, 18, 245-259.	2.4	14
46	Monogenic Primary Immunodeficiency Disorder Associated with Common Variable Immunodeficiency and Autoimmunity. <i>International Archives of Allergy and Immunology</i> , 2020, 181, 706-714.	2.1	13
47	Enhancement of Immune Responses by Co-delivery of CCL19/MIP-3beta Chemokine Plasmid With HCV Core DNA/Protein Immunization. <i>Hepatitis Monthly</i> , 2014, 14, e14611.	0.2	13
48	Exosomal microRNAs and long noncoding RNAs: Novel mediators of drug resistance in lung cancer. <i>Journal of Cellular Physiology</i> , 2022, 237, 2095-2106.	4.1	13
49	Recent progresses in plastic surgery using adipose-derived stem cells, biomaterials and growth factors. <i>Journal of Microencapsulation</i> , 2017, 34, 699-706.	2.8	12
50	Virus against virus: strategies for using adenovirus vectors in the treatment of HPV-induced cervical cancer. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 1981-1990.	6.1	11
51	Antinociceptive synergistic interaction between <i>Achillea millefolium</i> and <i>Origanum vulgare</i> L. extract encapsulated in liposome in rat. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 994-1000.	2.8	10
52	Porous MnFe ₂ O ₄ @SiO ₂ magnetic glycopolymer: A multivalent nanostructure for efficient removal of bacteria from aqueous solution. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 277-284.	6.0	10
53	Protective responses of an engineered PspA recombinant antigen against <i>Streptococcus pneumoniae</i> . <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2019, 24, e00385.	4.4	10
54	Gastrointestinal cancer drug resistance: the role of exosomal miRNAs. <i>Molecular Biology Reports</i> , 2022, 49, 2421-2432.	2.3	10

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55	Stem cell, biomaterials and growth factors therapy for hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1046-1053.	5.6	9
56	Advanced biotechnology in biorefinery: a new insight into municipal waste management to the production of high-value products. <i>International Journal of Environmental Science and Technology</i> , 2018, 15, 675-686.	3.5	9
57	Autoimmune manifestations among 461 patients with monogenic inborn errors of immunity. <i>Pediatric Allergy and Immunology</i> , 2021, 32, 1335-1348.	2.6	9
58	Drug anesthesia for children undergoing magnetic resonance imaging: A review. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1183-1187.	5.6	8
59	Cardiac failure detection in 30 minutes: new approach based on gold nanoparticles. <i>Journal of Microencapsulation</i> , 2017, 34, 132-139.	2.8	8
60	Effects of Mesenchymal Stem Cell-Derived Exosomes on Angiogenesis in Regenerative Medicine. <i>Current Regenerative Medicine</i> , 2018, 7, 46-53.	0.0	8
61	Combined therapy of mesenchymal stem cells with a GLP-1 receptor agonist, liraglutide, on an inflammatory-mediated diabetic non-human primate model. <i>Life Sciences</i> , 2021, 276, 119374.	4.3	8
62	Clinical and diagnostic potential of regulatory T cell markers: From bench to bedside. <i>Transplant Immunology</i> , 2022, 70, 101518.	1.2	8
63	Identification of novel bacterial DNA gyrase inhibitors: An in silico study. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 250-8.	1.8	7
64	Modulation of hepatitis C virus core DNA vaccine immune responses by co-immunization with CC-chemokine ligand 20 (CCL20) gene as immunoadjuvant. <i>Molecular Biology Reports</i> , 2014, 41, 5943-5952.	2.3	6
65	Lung regeneration using amniotic fluid mesenchymal stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 447-451.	2.8	6
66	The evaluation of neutropenia in common variable immune deficiency patients. <i>Expert Review of Clinical Immunology</i> , 2019, 15, 1225-1233.	3.0	6
67	Paediatric nanofibrous bioprosthetic heart valve. <i>IET Nanobiotechnology</i> , 2017, 11, 493-500.	3.8	5
68	CEA Plasmid as Therapeutic DNA Vaccination against Colorectal Cancer. <i>Iranian Journal of Immunology</i> , 2019, 16, 235-245.	0.6	5
69	Systematic investigation for underlying causes of recurrent infections in children: surveillance of primary immunodeficiency. <i>European Annals of Allergy and Clinical Immunology</i> , 2017, 50, 72.	1.0	5
70	Isolation and characterization of mesenchymal stem cells and its antitumor application on ovarian cancer cell line. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1-10.	2.8	4
71	Surface modification of titanium implants via electrospinning of sericin and <i>Equisetum arvense</i> enhances the osteogenic differentiation of stem cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2022, 71, 1025-1036.	3.4	4
72	Applications of Drug Anesthesia in Control Chronic Pain. <i>Journal of Investigative Surgery</i> , 2019, 32, 232-237.	1.3	3

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73	Heterologous administration of HPV16 E7 epitope-loaded nanocomplexes inhibits tumor growth in mouse model. <i>International Immunopharmacology</i> , 2021, 101, 108298.	3.8	3
74	Production of human epidermal growth factor using adenoviral based system. <i>Research in Pharmaceutical Sciences</i> , 2016, 11, 43-8.	1.8	3
75	Vitamin D receptor gene polymorphisms and risk of breast cancer in Iranian women. <i>Annals of Medicine and Surgery</i> , 2022, 73, 103150.	1.1	3
76	Evaluation of optimal concentration and exposure duration of valproic acid alone or in combination with ViraDuctin to augment adenovirus transduction in human adipose stem cells. <i>Cytotherapy</i> , 2014, 16, 612-618.	0.7	2
77	In situ forming hydrogels based on polyethylene glycol itaconate for tissue engineering application. <i>Bulletin of Materials Science</i> , 2019, 42, 1.	1.7	2
78	Immunotherapy for Breast Cancer Treatment. <i>Iranian Biomedical Journal</i> , 2021, 25, 140-156.	0.7	2
79	Design, expression and evaluation of novel chimeric protein constructed from colorectal tumor-associated antigen. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 3464-3473.	2.6	1
80	Binder design for targeting SARS-CoV-2 spike protein: An in silico perspective. <i>Gene Reports</i> , 2022, 26, 101452.	0.8	1
81	Introducing Electrospray as a Potent Technique to Deliver Chitosan/pDNA Nanoparticles to Eukaryotic Cells. <i>Journal of Nano Research</i> , 0, 66, 73-84.	0.8	0
82	Chimeric antigen receptor T-cell therapy for breast cancer. <i>Future Oncology</i> , 2021, 17, 2961-2979.	2.4	0
83	Designing a Chimeric Vaccine Against Colorectal Cancer. <i>International Journal of Cancer Management</i> , 2017, 10, .	0.4	0
84	Rational Design of Anti-Angiogenic Peptides to Inhibit VEGF/VEGFR2 Interactions for Cancer Therapeutics. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	1.7	0
85	Monoclonal Antibody Against Sortilin Induces Apoptosis in Human Breast Cancer Cells. <i>Avicenna Journal of Medical Biotechnology</i> , 2022, 14, 37-45.	0.3	0
86	Screening of candidate genes associated with high titer production of oncolytic measles virus based on systems biology approach. <i>Virus Genes</i> , 2022, , 1.	1.6	0