

Younes Pilehvar-Soltanahmadi

List of Publications by Year in descending order

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65
papers

3,058
citations

76196

40
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168136

53
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68
all docs

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docs citations

68
times ranked

3037
citing authors

#	ARTICLE	IF	CITATIONS
1	An Overview on Application of Natural Substances Incorporated with Electrospun Nanofibrous Scaffolds to Development of Innovative Wound Dressings. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 414-427.	1.1	140
2	Biomimetic synthesis of silver nanoparticles using <i>Matricaria chamomilla</i> extract and their potential anticancer activity against human lung cancer cells. <i>Materials Science and Engineering C</i> , 2018, 92, 902-912.	3.8	107
3	Co-Delivery of Curcumin and Chrysin by Polymeric Nanoparticles Inhibit Synergistically Growth and hTERT Gene Expression in Human Colorectal Cancer Cells. <i>Nutrition and Cancer</i> , 2017, 69, 1290-1299.	0.9	102
4	Nano-encapsulated metformin-curcumin in PLGA/PEG inhibits synergistically growth and hTERT gene expression in human breast cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 917-925.	1.9	90
5	Targeted cancer therapy through 17-DMAG as an Hsp90 inhibitor: Overview and current state of the art. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 608-617.	2.5	82
6	Biomedical applications of zeolite-based materials: A review. <i>Materials Science and Engineering C</i> , 2020, 116, 111225.	3.8	82
7	An <i>in vitro</i> examination of the antioxidant, cytoprotective and anti-inflammatory properties of chrysin-loaded nanofibrous mats for potential wound healing applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 706-716.	1.9	77
8	Cyclodextrin based natural nanostructured carbohydrate polymers as effective non-viral siRNA delivery systems for cancer gene therapy. <i>Journal of Controlled Release</i> , 2021, 330, 1046-1070.	4.8	72
9	An update on clinical applications of electrospun nanofibers for skin bioengineering. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1350-1364.	1.9	71
10	Effects of nano-encapsulated curcumin-chrysin on telomerase, <i>MMPs</i> and <i>TIMPs</i> gene expression in mouse B16F10 melanoma tumour model. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 75-86.	1.9	70
11	Recent advances on nanomaterials-based fluorimetric approaches for microRNAs detection. <i>Materials Science and Engineering C</i> , 2019, 104, 110007.	3.8	70
12	In vitro evaluation of Zeolite-nHA blended PCL/PLA nanofibers for dental tissue engineering. <i>Materials Chemistry and Physics</i> , 2020, 252, 123152.	2.0	70
13	Recent advances in electrospun nanofiber-mediated drug delivery strategies for localized cancer chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1444-1458.	2.1	69
14	Curcumin Affects Adipose Tissue-Derived Mesenchymal Stem Cell Aging Through TERT Gene Expression. <i>Drug Research</i> , 2018, 68, 213-221.	0.7	68
15	Silibinin-loaded magnetic nanoparticles inhibit hTERT gene expression and proliferation of lung cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1649-1656.	1.9	66
16	Chrysin-nanoencapsulated PLGA-PEG for macrophage repolarization: Possible application in tissue regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 773-780.	2.5	65
17	An update on application of nanotechnology and stem cells in spinal cord injury regeneration. <i>Biomedicine and Pharmacotherapy</i> , 2017, 90, 85-92.	2.5	64
18	Synergistic anticancer effects of electrospun nanofiber-mediated codelivery of Curcumin and Chrysin: Possible application in prevention of breast cancer local recurrence. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 55, 101402.	1.4	63

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19	An implantable smart hyperthermia nanofiber with switchable, controlled and sustained drug release: Possible application in prevention of cancer local recurrence. <i>Materials Science and Engineering C</i> , 2021, 118, 111384.	3.8	63
20	Effects of Chrysin-PLGA-PEG Nanoparticles on Proliferation and Gene Expression of miRNAs in Gastric Cancer Cell Line. <i>Iranian Journal of Cancer Prevention</i> , 2016, 9, e4190.	0.7	62
21	Dendrosomal curcumin nanoformulation modulate apoptosis-related genes and protein expression in hepatocarcinoma cell lines. <i>International Journal of Pharmaceutics</i> , 2016, 509, 244-254.	2.6	62
22	An update on nanoparticle-based contrast agents in medical imaging. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1111-1121.	1.9	61
23	Curcumin-loaded mesoporous silica nanoparticles/nanofiber composites for supporting long-term proliferation and stemness preservation of adipose-derived stem cells. <i>International Journal of Pharmaceutics</i> , 2020, 587, 119656.	2.6	59
24	Down regulation of miR-18a, miR-21 and miR-221 genes in gastric cancer cell line by chrysin-loaded PLGA-PEG nanoparticles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2016, 44, 1972-1978.	1.9	57
25	The Effects of Nanoencapsulated Curcumin-Fe ₃ O ₄ on Proliferation and hTERT Gene Expression in Lung Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 1363-1373.	0.9	56
26	Cytoprotection, proliferation and epidermal differentiation of adipose tissue-derived stem cells on emu oil based electrospun nanofibrous mat. <i>Experimental Cell Research</i> , 2017, 357, 192-201.	1.2	55
27	Upregulation of miR-9 and Let-7a by nanoencapsulated chrysin in gastric cancer cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1201-1206.	1.9	54
28	Development of quantum-dot-encapsulated liposome-based optical nanobiosensor for detection of telomerase activity without target amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 1301-1310.	1.9	51
29	The inhibitory effects of nano-encapsulated metformin on growth and hTERT expression in breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 43, 19-26.	1.4	51
30	COVID-19 under spotlight: A close look at the origin, transmission, diagnosis, and treatment of the 2019-nCoV disease. <i>Journal of Cellular Physiology</i> , 2020, 235, 8873-8924.	2.0	51
31	An overview on different strategies for the stemness maintenance of MSCs. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 45, 1255-1271.	1.9	50
32	Antioxidant effects of chrysin-loaded electrospun nanofibrous mats on proliferation and stemness preservation of human adipose-derived stem cells. <i>Cell and Tissue Banking</i> , 2017, 18, 475-487.	0.5	49
33	17-DMAG-loaded nanofibrous scaffold for effective growth inhibition of lung cancer cells through targeting HSP90 gene expression. <i>Biomedicine and Pharmacotherapy</i> , 2018, 105, 1026-1032.	2.5	49
34	Chrysin Alters microRNAs Expression Levels in Gastric Cancer Cells: Possible Molecular Mechanism. <i>Drug Research</i> , 2017, 67, 509-514.	0.7	48
35	Watercross-based electrospun nanofibrous scaffolds enhance proliferation and stemness preservation of human adipose-derived stem cells. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 819-830.	1.9	47
36	Synergistic Anti-proliferative Effects of Metformin and Silibinin Combination on T47D Breast Cancer Cells via hTERT and Cyclin D1 Inhibition. <i>Drug Research</i> , 2018, 68, 710-716.	0.7	47

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37	Development of Emu oil-loaded PCL/collagen bioactive nanofibers for proliferation and stemness preservation of human adipose-derived stem cells: possible application in regenerative medicine. <i>Drug Development and Industrial Pharmacy</i> , 2017, 43, 1978-1988.	0.9	46
38	Macrophage repolarization using CD44-targeting hyaluronic acid-poly(lactide) nanoparticles containing curcumin. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2017, 46, 1-9.	1.9	45
39	Antiproliferative and Apoptotic Effect of Dendrosomal Curcumin Nanoformulation in P53 Mutant and Wide-Type Cancer Cell Lines. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2017, 17, 662-673.	0.9	43
40	An update on sputum MicroRNA in lung cancer diagnosis. <i>Diagnostic Cytopathology</i> , 2016, 44, 442-449.	0.5	41
41	Emerging Importance of Phytochemicals in Regulation of Stem Cells Fate via Signaling Pathways. <i>Phytotherapy Research</i> , 2017, 31, 1651-1668.	2.8	40
42	17-Allylamino-17-demethoxygeldanamycin loaded PCL/PEG nanofibrous scaffold for effective growth inhibition of T47D breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 49, 162-168.	1.4	36
43	Recent Advances in Cell Electrospinning of Natural and Synthetic Nanofibers for Regenerative Medicine. <i>Drug Research</i> , 2018, 68, 425-435.	0.7	35
44	Multiple sclerosis and mitochondrial gene variations: A review. <i>Journal of the Neurological Sciences</i> , 2013, 330, 10-15.	0.3	34
45	Electrochemical Nano-biosensors as Novel Approach for the Detection of Lung Cancer-related MicroRNAs. <i>Current Molecular Medicine</i> , 2019, 20, 13-35.	0.6	30
46	Development and physicochemical, toxicity and immunogenicity assessments of recombinant hepatitis B surface antigen (rHBsAg) entrapped in chitosan and mannosylated chitosan nanoparticles: as a novel vaccine delivery system and adjuvant. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 230-240.	1.9	27
47	An overview on biological functions and emerging therapeutic roles of apelin in diabetes mellitus. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2017, 11, S919-S923.	1.8	26
48	Macrophage repolarization using emu oil-based electrospun nanofibers: possible application in regenerative medicine. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 1258-1265.	1.9	25
49	Potential of Chrysin-loaded PCL/gelatin nanofibers for modulation of macrophage functional polarity towards anti-inflammatory/pro-regenerative phenotype. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 58, 101802.	1.4	24
50	Combination of metformin and phenformin synergistically inhibits proliferation and hTERT expression in human breast cancer cells. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 1167-1173.	1.0	24
51	An insight into the distribution, genetic diversity, and mycotoxin production of <i>Aspergillus section Flavi</i> in soils of pistachio orchards. <i>Folia Microbiologica</i> , 2012, 57, 27-36.	1.1	21
52	Application of Nanobiotechnology for Early Diagnosis of SARS-CoV-2 Infection in the COVID-19 Pandemic. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2615-2624.	1.7	20
53	Association of KALRN, ADIPOQ, and FTO gene polymorphism in type 2 diabetic patients with coronary artery disease. <i>Coronary Artery Disease</i> , 2016, 27, 490-496.	0.3	19
54	Improved Anti-Treg Vaccination Targeting Foxp3 Efficiently Decreases Regulatory T Cells in Mice. <i>Journal of Immunotherapy</i> , 2016, 39, 269-275.	1.2	18

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55	Development, In Vitro Characterization, Antitumor and Aerosol Performance Evaluation of Respirable Prepared by Self-nanoemulsification Method. <i>Drug Research</i> , 2017, 67, 343-348.	0.7	15
56	The emu oil emulsified in egg lecithin and butylated hydroxytoluene enhanced the proliferation, stemness gene expression, and in vitro wound healing of adipose-derived stem cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2018, 54, 205-216.	0.7	10
57	Cloning and Expression of Recombinant Human Endostatin in Periplasm of Escherichia coli Expression System. <i>Advanced Pharmaceutical Bulletin</i> , 2016, 6, 187-194.	0.6	10
58	Protective Immunity Against Homologous and Heterologous Influenza Virus Lethal Challenge by Immunization with New Recombinant Chimeric HA2-M2e Fusion Protein in BALB/C Mice. <i>Viral Immunology</i> , 2016, 29, 228-234.	0.6	9
59	Serum Levels of Vaspin and Its Correlation with Nitric Oxide in Type 2 Diabetic Patients with Nephropathy. <i>Current Diabetes Reviews</i> , 2018, 14, 162-167.	0.6	9
60	Effect of Culture Condition Variables on Human Endostatin Gene Expression in Escherichia coli Using Response Surface Methodology. <i>Jundishapur Journal of Microbiology</i> , 2016, 9, e34091.	0.2	8
61	Generation of New M2e-HA2 Fusion Chimeric Peptide to Development of a Recombinant Fusion Protein Vaccine. <i>Advanced Pharmaceutical Bulletin</i> , 2015, 5, 673-681.	0.6	7
62	Expression and Secretion of Endostar Protein by Escherichia Coli: Optimization of Culture Conditions Using the Response Surface Methodology. <i>Molecular Biotechnology</i> , 2016, 58, 634-647.	1.3	6
63	Pathophysiological Effects of Sulfur Mustard on Skin and its Current Treatments: Possible Application of Phytochemicals. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2021, 24, 3-19.	0.6	4
64	Association between Serum Kalirin Levels and the gene rs9289231 Polymorphism in Early-Onset Coronary Artery Disease. <i>The Journal of Tehran Heart Center</i> , 2018, 13, 58-64.	0.3	1
65	INHIBITION OF ASPERGILLUS PARASITICUS GROWTH AND AFLATOXIN PRODUCTION BY ANTAGONISTIC BACTERIA ISOLATED FROM SOILS OF PISTACHIO ORCHARDS. <i>Acta Horticulturae</i> , 2012, , 19-22.	0.1	0