

Vahid Shafie-Irannejad

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,332
citations

304602

22
h-index

345118

36
g-index

42
all docs

42
docs citations

42
times ranked

2128
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbohydrate polymer-based silver nanocomposites: Recent progress in the antimicrobial wound dressings. <i>Carbohydrate Polymers</i> , 2020, 231, 115696.	5.1	124
2	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
3	CRISPR/Cas9 technology as a potent molecular tool for gene therapy. <i>Journal of Cellular Physiology</i> , 2019, 234, 12267-12277.	2.0	87
4	Nanocrystalline cellulose: Preparation, physicochemical properties, and applications in drug delivery systems. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 850-859.	3.6	81
5	Metformin; an old antidiabetic drug with new potentials in bone disorders. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1593-1601.	2.5	80
6	Biocompatible magnetic tris(2-aminoethyl)amine functionalized nanocrystalline cellulose as a novel nanocarrier for anticancer drug delivery of methotrexate. <i>New Journal of Chemistry</i> , 2017, 41, 2160-2168.	1.4	74
7	A novel bioactive quaternized chitosan and its silver-containing nanocomposites as a potent antimicrobial wound dressing: Structural and biological properties. <i>Materials Science and Engineering C</i> , 2019, 101, 360-369.	3.8	74
8	Reversion of Multidrug Resistance by Co-Encapsulation of Doxorubicin and Metformin in Poly(lactide-co-glycolide)-d- α -tocopheryl Polyethylene Glycol 1000 Succinate Nanoparticles. <i>Pharmaceutical Research</i> , 2018, 35, 119.	1.7	64
9	Metformin enhances doxorubicin sensitivity via inhibition of doxorubicin efflux in P-glycoprotein overexpressing MCF7 cells. <i>Chemical Biology and Drug Design</i> , 2018, 91, 269-276.	1.5	63
10	Multi-branched ionic liquid-chitosan as a smart and biocompatible nano-vehicle for combination chemotherapy with stealth and targeted properties. <i>Carbohydrate Polymers</i> , 2018, 196, 299-312.	5.1	58
11	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
12	Balaglitazone reverses P-glycoprotein-mediated multidrug resistance via upregulation of PTEN in a PPAR γ -dependent manner in leukemia cells. <i>Tumor Biology</i> , 2017, 39, 101042831771650.	0.8	41
13	Sanguinarine enhances cisplatin sensitivity via glutathione depletion in cisplatin-resistant ovarian cancer (A2780) cells. <i>Chemical Biology and Drug Design</i> , 2020, 95, 215-223.	1.5	37
14	Silymarin protects from varicocele-induced damages in testis and improves sperm quality: evidence for E2f1 involvement. <i>Systems Biology in Reproductive Medicine</i> , 2013, 59, 270-280.	1.0	35
15	New insights into antidiabetic drugs: Possible applications in cancer treatment. <i>Chemical Biology and Drug Design</i> , 2017, 90, 1056-1066.	1.5	35
16	Immune-mediated anti-tumor effects of metformin; targeting metabolic reprogramming of T cells as a new possible mechanism for anti-cancer effects of metformin. <i>Biochemical Pharmacology</i> , 2020, 174, 113787.	2.0	35
17	Peroxisome Proliferator-Activated Receptor Ligands and Their Role in Chronic Myeloid Leukemia: Therapeutic Strategies. <i>Chemical Biology and Drug Design</i> , 2016, 88, 17-25.	1.5	34
18	Serum Arsenic and Lipid Peroxidation Levels in Patients with Multiple Sclerosis. <i>Biological Trace Element Research</i> , 2014, 158, 276-279.	1.9	30

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19	Para-sulfonatocalix[n]arene-based biomaterials: Recent progress in pharmaceutical and biological applications. <i>European Journal of Medicinal Chemistry</i> , 2020, 190, 112121.	2.6	29
20	Suppression of p53R2 gene expression with specific siRNA sensitizes HepG2 cells to doxorubicin. <i>Gene</i> , 2018, 642, 249-255.	1.0	25
21	The effects of Ramadan fasting on endothelial function in patients with cardiovascular diseases. <i>European Journal of Clinical Nutrition</i> , 2014, 68, 835-839.	1.3	24
22	The herbal medicine <i>Melissa officinalis</i> extract effects on gene expression of p53, Bcl-2, Her2, VEGF-A and hTERT in human lung, breast and prostate cancer cell lines. <i>Gene</i> , 2017, 613, 14-19.	1.0	23
23	Comparative Protective Effect of Hawthorn Berry Hydroalcoholic Extract, Atorvastatin, and Mesalamine on Experimentally Induced Colitis in Rats. <i>Journal of Medicinal Food</i> , 2013, 16, 593-601.	0.8	18
24	Chitosan-based biomaterials for the treatment of bone disorders. <i>International Journal of Biological Macromolecules</i> , 2022, 215, 346-367.	3.6	18
25	Targeting PPAR ligands as possible approaches for metabolic reprogramming of T cells in cancer immunotherapy. <i>Immunology Letters</i> , 2020, 220, 32-37.	1.1	14
26	Polyelectrolyte Carboxymethyl Cellulose for Enhanced Delivery of Doxorubicin in MCF7 Breast Cancer Cells: Toxicological Evaluations in Mice Model. <i>Pharmaceutical Research</i> , 2019, 36, 68.	1.7	13
27	Applications of scaffold-based advanced materials in biomedical sensing. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 143, 116342.	5.8	11
28	Memantine and its benefits for cancer, cardiovascular and neurological disorders. <i>European Journal of Pharmacology</i> , 2021, 910, 174455.	1.7	9
29	<i>Aspergillus fumigatus</i> toxins cause cytotoxic and apoptotic effects on human T lymphocytes (Jurkat) Tj ETQq1 1 0.784314 rgBT /Overbo	0.8	7
30	Major fundamental factors hindering immune system in defense against tumor cells: The link between insufficiency of innate immune responses, metabolism, and neurotransmitters with effector immune cells disability. <i>Immunology Letters</i> , 2019, 212, 81-87.	1.1	7
31	Ultrasensitive fluorescence detection of antitumor drug methotrexate based on a terbium-doped silica dendritic probe. <i>Analytical Methods</i> , 2021, 13, 4280-4289.	1.3	7
32	Biocompatible functionalized graphene nanosheet for delivery of doxorubicin to breast cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 70, 103234.	1.4	7
33	Overexpression of tensin homolog deleted on chromosome ten (PTEN) by ciglitazone sensitizes doxorubicin resistance leukemia cancer cells to treatment. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 15719-15729.	1.2	6
34	Applications of advanced materials in bio-sensing in live cells: Methods and applications. <i>Materials Science and Engineering C</i> , 2021, 121, 111691.	3.8	6
35	Investigation of the Molecular Mechanism of Coagulopathy in Severe and Critical Patients With COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 762782.	2.2	4
36	Downregulation of microRNA-214 and PTEN in tissue samples of patients with breast cancer. <i>Meta Gene</i> , 2020, 24, 100668.	0.3	3

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37	Redox and pH-Responsive NCC/L-Cysteine/CM- β -CD/FA Contains Disulfide Bond-Bridged as Nanocarriers for Biosafety and Anti-Tumor Efficacy System. <i>Starch/Staerke</i> , 2021, 73, 2100061.	1.1	3
38	New potentials for 3-hydroxy- β -methylglutaryl-coenzyme A reductase inhibitors: Possible applications in retarding diabetic complications. <i>Journal of Cellular Physiology</i> , 2019, 234, 19393-19405.	2.0	2
39	Possible Protective Effects of Thiazolidinediones Antidiabetic Drugs in Colorectal Cancer. <i>Critical Reviews in Oncogenesis</i> , 2019, 24, 251-258.	0.2	2
40	Polymeric complex based on poly (styrene-alt-maleic anhydride)- targeted with folic acid for doxorubicin delivery to HT-29 colorectal cancer cells. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 181-193.	1.8	1