

Ommoleila Molavi

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,231
citations

236912

25
h-index

223791

46
g-index

60
all docs

60
docs citations

60
times ranked

3998
citing authors

#	ARTICLE	IF	CITATIONS
1	Co-delivery of cancer-associated antigen and Toll-like receptor 4 ligand in PLGA nanoparticles induces potent CD8+ T cell-mediated anti-tumor immunity. <i>Vaccine</i> , 2008, 26, 5046-5057.	3.8	227
2	Mitochondrial Delivery of Doxorubicin via Triphenylphosphine Modification for Overcoming Drug Resistance in MDA-MB-435/DOX Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 2640-2649.	4.6	185
3	Therapeutic targeting of angiogenesis molecular pathways in angiogenesis-dependent diseases. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 775-785.	5.6	170
4	Micelles of poly(ethylene oxide)- <i>b</i> -poly(ϵ -caprolactone) as vehicles for the solubilization, stabilization, and controlled delivery of curcumin. <i>Journal of Biomedical Materials Research - Part A</i> , 2008, 86A, 300-310.	4.0	169
5	Enhanced antigen-specific primary CD4+ and CD8+ responses by codelivery of ovalbumin and toll-like receptor ligand monophosphoryl lipid A in poly(D,L-lactic-co-glycolic acid) nanoparticles. <i>Journal of Biomedical Materials Research - Part A</i> , 2007, 81A, 652-662.	4.0	103
6	Up-down regulation of HIF-1 α in cancer progression. <i>Gene</i> , 2021, 798, 145796.	2.2	95
7	Amphiphilic block co-polymers: Preparation and application in nanodrug and gene delivery. <i>Acta Biomaterialia</i> , 2012, 8, 2017-2033.	8.3	92
8	Polymeric micelles for the solubilization and delivery of STAT3 inhibitor cucurbitacins in solid tumors. <i>International Journal of Pharmaceutics</i> , 2008, 347, 118-127.	5.2	81
9	Sustained release of melatonin: A novel approach in elevating efficacy of tamoxifen in breast cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 64-71.	5.0	74
10	Resveratrol analog trans 3,4,5,4'-tetramethoxystilbene (DMU-212) mediates anti-tumor effects via mechanism different from that of resveratrol. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 63, 27-35.	2.3	68
11	Self-Associating Poly(ethylene oxide)- <i>b</i> -poly(ϵ -cholesteryl carboxylate- μ -caprolactone) Block Copolymer for the Solubilization of STAT-3 Inhibitor Cucurbitacin I. <i>Biomacromolecules</i> , 2009, 10, 471-478.	5.4	67
12	Silibinin sensitizes chemo-resistant breast cancer cells to chemotherapy. <i>Pharmaceutical Biology</i> , 2017, 55, 729-739.	2.9	67
13	Preparation and characterization of PLGA-PEG-PLGA polymeric nanoparticles for co-delivery of 5-Fluorouracil and Chrysin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2020, 31, 1107-1126.	3.5	57
14	The clinical and biological significance of STAT1 in esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2014, 14, 791.	2.6	55
15	Clinical application of immune checkpoints in targeted immunotherapy of prostate cancer. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 3693-3710.	5.4	48
16	Hsp70 in cancer: A double agent in the battle between survival and death. <i>Journal of Cellular Physiology</i> , 2021, 236, 3420-3444.	4.1	41
17	Synergistic antitumor effects of CpG oligodeoxynucleotide and STAT3 inhibitory agent JSI-124 in a mouse melanoma tumor model. <i>Immunology and Cell Biology</i> , 2008, 86, 506-514.	2.3	36
18	Development of a Poly(<i>D,L</i> -lactic-co-glycolic acid) Nanoparticle Formulation of STAT3 Inhibitor JSI-124: Implication for Cancer Immunotherapy. <i>Molecular Pharmaceutics</i> , 2010, 7, 364-374.	4.6	36

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19	Anti-CD30 antibody conjugated liposomal doxorubicin with significantly improved therapeutic efficacy against anaplastic large cell lymphoma. <i>Biomaterials</i> , 2013, 34, 8718-8725.	11.4	33
20	CDK9 Regulates Apoptosis of Myoblast Cells by Modulation of microRNA-1 Expression. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 547-554.	2.6	30
21	STAT3 inhibitory stactic enhances immunogenic cell death induced by chemotherapy in cancer cells. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 159-169.	2.0	30
22	The role of Six1 signaling in paclitaxel-dependent apoptosis in MCF-7 cell line. <i>Bosnian Journal of Basic Medical Sciences</i> , 2016, 16, 28-34.	1.0	30
23	Gene methylation and silencing of <i>SOCS3</i> in mantle cell lymphoma. <i>British Journal of Haematology</i> , 2013, 161, 348-356.	2.5	28
24	Synthesis and characterization of novel P(HEMA-LA-MADQUAT) micelles for co-delivery of methotrexate and Chrysin in combination cancer chemotherapy. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2018, 29, 1265-1286.	3.5	27
25	Decoration of Anti-CD38 on Nanoparticles Carrying a STAT3 Inhibitor Can Improve the Therapeutic Efficacy Against Myeloma. <i>Cancers</i> , 2019, 11, 248.	3.7	26
26	Self-Associating Poly(ethylene oxide)-poly(ϵ -caprolactone) Drug Conjugates for the Delivery of STAT3 Inhibitor JSI-124: Potential Application in Cancer Immunotherapy. <i>Molecular Pharmaceutics</i> , 2017, 14, 2570-2584.	4.6	25
27	Effective downregulation of signal transducer and activator of transcription 3 (STAT3) by polyplexes of siRNA and lipid-substituted polyethyleneimine for sensitization of breast tumor cells to conventional chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2014, 102, 3216-3228.	4.0	22
28	STAT1 is phosphorylated and downregulated by the oncogenic tyrosine kinase NPM-ALK in ALK-positive anaplastic large-cell lymphoma. <i>Blood</i> , 2015, 126, 336-345.	1.4	22
29	Combined Treatment with Stactic and Docetaxel Alters the Bax/Bcl-2 Gene Expression Ratio in Human Prostate Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2016, 17, 5031-5035.	1.2	21
30	Immunomodulatory and anticancer effects of intra-tumoral co-delivery of synthetic lipid A adjuvant and STAT3 inhibitor, JSI-124. <i>Immunopharmacology and Immunotoxicology</i> , 2009, 31, 214-221.	2.4	20
31	<i>Six</i> Family of Homeobox Genes and Related Mechanisms in Tumorigenesis Protocols. <i>Tumori</i> , 2016, 102, 236-243.	1.1	18
32	Constitutive Activation of STAT3 in Myeloma Cells Cultured in a Three-Dimensional, Reconstructed Bone Marrow Model. <i>Cancers</i> , 2018, 10, 206.	3.7	16
33	Silibinin suppresses NPM-ALK, potently induces apoptosis and enhances chemosensitivity in ALK-positive anaplastic large cell lymphoma. <i>Leukemia and Lymphoma</i> , 2015, 57, 1-9.	1.3	15
34	Functionalized Caprolactone-Polyethylene Glycol Based Thermo-Responsive Hydrogels of Silibinin for the Treatment of Malignant Melanoma. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 143-159.	2.1	15
35	Poly(D,L-lactic-co-glycolic acid) microsphere delivery of adenovirus for vaccination. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 217-30.	2.1	15
36	Micellar nano-carriers for the delivery of STAT3 dimerization inhibitors to melanoma. <i>Drug Delivery and Translational Research</i> , 2017, 7, 571-581.	5.8	14

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37	Stattic enhances the anti-proliferative effect of docetaxel via the Bax/Bcl-2/cyclin B axis in human cancer cells. <i>Process Biochemistry</i> , 2018, 69, 188-196.	3.7	13
38	Effective down-regulation of signal transducer and activator of transcription 3 (STAT3) by polyplexes of siRNA and lipid-substituted polyethyleneimine for sensitization of breast tumor cells to conventional chemotherapy. <i>Journal of Biomedical Materials Research - Part A</i> , 2013, 102, n/a-n/a.	4.0	13
39	Poly(ethylene glycol)-poly(ϵ -caprolactone)-based micelles for solubilization and tumor-targeted delivery of silibinin. <i>BiolImpacts</i> , 2020, 10, 87-95.	1.5	13
40	Hsp70 in Cancer: Partner or Traitor to Immune System. <i>Iranian Journal of Allergy, Asthma and Immunology</i> , 2019, 18, 589-604.	0.4	11
41	Evaluation of the leptin receptor in human spermatozoa. <i>Reproductive Biology and Endocrinology</i> , 2010, 8, 17.	3.3	10
42	Development of a Terbium-Sensitized Fluorescence Method for Analysis of Silibinin. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 686-691.	1.5	10
43	Evaluation of the Physicochemical and Biological Stability of Cetuximab under Various Stress Condition. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2019, 22, 171-190.	2.1	10
44	Isolation and characterization of a novel scFv antibody fragments specific for Hsp70 as a tumor biomarker. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 14711-14724.	2.6	10
45	A gene-based anti-angiogenesis therapy as a novel strategy for cancer treatment. <i>Life Sciences</i> , 2019, 239, 117018.	4.3	9
46	Development and Validation of Salt Gradient CEX Chromatography Method for Charge Variants Separation and Quantitative Analysis of the IgG mAb-Cetuximab. <i>Chromatographia</i> , 2018, 81, 1649-1660.	1.3	8
47	Stability-Indicating Size Exclusion Chromatography Method for the Analysis of IgG mAb-Cetuximab. <i>Chromatographia</i> , 2019, 82, 767-776.	1.3	7
48	Chemical Compositions and Anti-Proliferative Activity of the Aerial Parts and Rhizomes of Squirting Cucumber, Cucurbitaceae. <i>Jundishapur Journal of Natural Pharmaceutical Products</i> , 2019, 15, .	0.6	6
49	Eryngium billardieri Extract and Fractions Induce Apoptosis in Cancerous Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 2189-2201.	1.7	6
50	Development of a sensitive and specific liquid chromatography/mass spectrometry method for the quantification of cucurbitacin I (JSI-124) in rat plasma. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2006, 9, 158-64.	2.1	6
51	Silibinin induces immunogenic cell death in cancer cells and enhances the induced immunogenicity by chemotherapy. <i>BiolImpacts</i> , 2023, 13, 51-61.	1.5	6
52	Evaluation of anti-proliferative activity of Eryngium caucasicum on melanoma cancer cells. <i>BMC Complementary Medicine and Therapies</i> , 2022, 22, 134.	2.7	6
53	Developing a high-performance liquid chromatography fast and accurate method for quantification of silibinin. <i>BMC Research Notes</i> , 2019, 12, 743.	1.4	4
54	Recent advances in cancer immunotherapy: Modulation of tumor microenvironment by Toll-like receptor ligands. <i>BiolImpacts</i> , 2022, , .	1.5	4

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55	Development of an HPLC-LIV Method for Quantification of Stattic. Current Pharmaceutical Analysis, 2019, 15, 568-573.	0.6	1