

# Davoud Ahmadvand

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

629  
citations

687363

13  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1249  
citing authors

#	ARTICLE	IF	CITATIONS
1	An integrated assessment of morphology, size, and complement activation of the PEGylated liposomal doxorubicin products Doxil <sup>®</sup> , Caelyx <sup>®</sup> , DOXOrubicin, and SinaDoxosome. <i>Journal of Controlled Release</i> , 2016, 221, 1-8.	9.9	152
2	Crossing the blood-brain-barrier with nanoligand drug carriers self-assembled from a phage display peptide. <i>Nature Communications</i> , 2019, 10, 4635.	12.8	98
3	The bactericidal effect of lysostaphin coupled with liposomal vancomycin as a dual combating system applied directly on methicillin-resistant <i>Staphylococcus aureus</i> infected skin wounds in mice. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 5943-5955.	6.7	35
4	Development of Gold-Coated Magnetic Nanoparticles as a Potential MRI Contrast Agent. <i>Nano</i> , 2015, 10, 1550048.	1.0	34
5	Microfluidic Platform for the Continuous Production and Characterization of Multilamellar Vesicles: A Synchrotron Small-Angle X-ray Scattering (SAXS) Study. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 73-79.	4.6	34
6	A nanobody directed to a functional epitope on VEGF, as a novel strategy for cancer treatment. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 132-136.	2.1	32
7	ImmunoPEGLiposome-mediated reduction of blood and brain amyloid levels in a mouse model of Alzheimer's disease is restricted to aged animals. <i>Biomaterials</i> , 2017, 112, 141-152.	11.4	32
8	Anti-HER2 VHH Targeted Magnetoliposome for Intelligent Magnetic Resonance Imaging of Breast Cancer Cells. <i>Cellular and Molecular Bioengineering</i> , 2017, 10, 263-272.	2.1	24
9	Multivalent targeting and killing of HER2 overexpressing breast carcinoma cells with methotrexate-encapsulated tetra-specific non-overlapping variable domain heavy chain anti-HER2 antibody-PEG-liposomes: In vitro proof-of-concept. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 42-50.	4.0	23
10	Effective suppression of tumour cells by oligoclonal HER2-targeted delivery of liposomal doxorubicin. <i>Journal of Liposome Research</i> , 2019, 29, 53-65.	3.3	23
11	A VHH-Based Anti-MUC1 Chimeric Antigen Receptor for Specific Retargeting of Human Primary T Cells to MUC1-Positive Cancer Cells. <i>Cell Journal</i> , 2021, 22, 502-513.	0.2	19
12	Evaluation of cellular and transcriptional targeting of breast cancer stem cells via anti-HER2 nanobody conjugated PAMAM dendrimers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 105-115.	2.8	15
13	The effect of superparamagnetic iron oxide nanoparticles surface engineering on relaxivity of magnetoliposome. <i>Contrast Media and Molecular Imaging</i> , 2016, 11, 340-349.	0.8	14
14	Specific gene delivery mediated by poly(ethylene glycol)-grafted polyamidoamine dendrimer modified with a novel HER2-targeting nanobody. <i>Journal of Bioactive and Compatible Polymers</i> , 2015, 30, 129-144.	2.1	13
15	Oligo-clonal nanobodies as an innovative targeting agent for cancer therapy: New biology and novel targeting systems. <i>Protein Expression and Purification</i> , 2017, 129, 115-121.	1.3	13
16	The effect of opium on severity of COVID-19 infection: An original study from Iran. <i>Medical Journal of the Islamic Republic of Iran</i> , 2021, 35, 115.	0.9	12
17	Optimization of an anti-HER2 nanobody expression using the Taguchi method. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 795-803.	1.9	11
18	Self-assembling of graphene oxide on carbon quantum dot loaded liposomes. <i>Materials Science and Engineering C</i> , 2019, 103, 109860.	7.3	9

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19	Immunofluorescent labeling of CD20 tumor marker with quantum dots for rapid and quantitative detection of diffuse large B cell non-Hodgkin's lymphoma. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 4564-4572.	2.6	9
20	A systematic update to Circulating Extracellular Vesicles proteome; transcriptome and small RNA-ome as Glioma Diagnostic, Prognostic and Treatment-Response Biomarkers. <i>Cancer Treatment and Research Communications</i> , 2021, 30, 100490.	1.7	6
21	Liposome-based nanocarriers loaded with anthrax lethal factor and armed with anti-CD19 VHH for effectively inhibiting MAPK pathway in B cells. <i>International Immunopharmacology</i> , 2021, 100, 107927.	3.8	5
22	Development of specific nanobodies (VHH) for CD19 immuno-targeting of human B-lymphocytes. <i>Iranian Journal of Basic Medical Sciences</i> , 2018, 21, 455-464.	1.0	5
23	The bactericidal effect of liposomal vancomycin as a topical combating system against Methicillin-resistant skin wound infection in mice. <i>Medical Journal of the Islamic Republic of Iran</i> , 2019, 33, 153.	0.9	4
24	Anti-HER2 single domain antibody-conjugated dendrimers for targeted delivery of truncated-Bid transgene to breast cancer cells. <i>Journal of Bioactive and Compatible Polymers</i> , 2019, 34, 39-57.	2.1	3
25	A comprehensive update to Dendritic Cell therapy for glioma: a systematic review and meta-analysis. <i>Expert Review of Vaccines</i> , 2022, 21, 513-531.	4.4	3
26	Designing an ELP-intein system: toward a more realistic outlook. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 222-229.	1.9	1