

# Nazila Kamaly

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

9,718  
citations

186265

28  
h-index

265206

42  
g-index

43  
all docs

43  
docs citations

43  
times ranked

16198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer nanotechnology: The impact of passive and active targeting in the era of modern cancer biology. <i>Advanced Drug Delivery Reviews</i> , 2014, 66, 2-25.	13.7	2,275
2	Degradable Controlled-Release Polymers and Polymeric Nanoparticles: Mechanisms of Controlling Drug Release. <i>Chemical Reviews</i> , 2016, 116, 2602-2663.	47.7	2,018
3	Targeted polymeric therapeutic nanoparticles: design, development and clinical translation. <i>Chemical Society Reviews</i> , 2012, 41, 2971.	38.1	1,469
4	Self-assembled peptide-based nanostructures: Smart nanomaterials toward targeted drug delivery. <i>Nano Today</i> , 2016, 11, 41-60.	11.9	472
5	Self-Assembled Targeted Nanoparticles: Evolution of Technologies and Bench to Bedside Translation. <i>Accounts of Chemical Research</i> , 2011, 44, 1123-1134.	15.6	416
6	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. <i>Science Translational Medicine</i> , 2015, 7, 314ra183.	12.4	273
7	Targeted nanoparticles containing the proresolving peptide Ac2-26 protect against advanced atherosclerosis in hypercholesterolemic mice. <i>Science Translational Medicine</i> , 2015, 7, 275ra20.	12.4	269
8	Annexin A1-containing extracellular vesicles and polymeric nanoparticles promote epithelial wound repair. <i>Journal of Clinical Investigation</i> , 2015, 125, 1215-1227.	8.2	257
9	Engineered nanomedicine for myeloma and bone microenvironment targeting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10287-10292.	7.1	234
10	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 6506-6511.	7.1	184
11	Nanomedicines for renal disease: current status and future applications. <i>Nature Reviews Nephrology</i> , 2016, 12, 738-753.	9.6	179
12	Targeted Interleukin-10 Nanotherapeutics Developed with a Microfluidic Chip Enhance Resolution of Inflammation in Advanced Atherosclerosis. <i>ACS Nano</i> , 2016, 10, 5280-5292.	14.6	170
13	CXCR4-Targeted and MMP-Responsive Iron Oxide Nanoparticles for Enhanced Magnetic Resonance Imaging. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9550-9554.	13.8	146
14	Folate Receptor Targeted Bimodal Liposomes for Tumor Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2009, 20, 648-655.	3.6	126
15	Development of Multinuclear Polymeric Nanoparticles as Robust Protein Nanocarriers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8975-8979.	13.8	122
16	Bimodal Paramagnetic and Fluorescent Liposomes for Cellular and Tumor Magnetic Resonance Imaging. <i>Bioconjugate Chemistry</i> , 2008, 19, 118-129.	3.6	117
17	Targeted nanoparticles for colorectal cancer. <i>Nanomedicine</i> , 2016, 11, 2443-2456.	3.3	117
18	Direct synthesis of dextran-coated superparamagnetic iron oxide nanoparticles in a capillary-based droplet reactor. <i>Journal of Materials Chemistry</i> , 2012, 22, 4704.	6.7	111

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19	Novel multifunctional nanoparticle mediates siRNA tumour delivery, visualisation and therapeutic tumour reduction in vivo. <i>Journal of Controlled Release</i> , 2011, 149, 111-116.	9.9	97
20	DODAG; a versatile new cationic lipid that mediates efficient delivery of pDNA and siRNA. <i>Journal of Controlled Release</i> , 2010, 143, 222-232.	9.9	93
21	Paramagnetic Liposome Nanoparticles for Cellular and Tumour Imaging. <i>International Journal of Molecular Sciences</i> , 2010, 11, 1759-1776.	4.1	73
22	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in <i>Ldlr</i> <sup>-/-</sup> Mice. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700313.	7.6	63
23	Nanomedicines for endothelial disorders. <i>Nano Today</i> , 2015, 10, 759-776.	11.9	49
24	A novel bimodal lipidic contrast agent for cellular labelling and tumour MRI. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 201-211.	2.8	45
25	MAGfect: a novel liposome formulation for MRI labelling and visualization of cells. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3489.	2.8	43
26	A Solvent-Free Thermosponge Nanoparticle Platform for Efficient Delivery of Labile Proteins. <i>Nano Letters</i> , 2014, 14, 6449-6455.	9.1	36
27	Copper-free click <sup>®</sup> a promising tool for pre-targeted PET imaging. <i>Chemical Communications</i> , 2012, 48, 991-993.	4.1	35
28	Imaging of Gadolinium Spatial Distribution in Tumor Tissue by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. <i>Molecular Imaging and Biology</i> , 2010, 12, 361-366.	2.6	33
29	A Low Molecular Weight Folate Receptor Targeted Contrast Agent for Magnetic Resonance Tumor Imaging. <i>Molecular Imaging and Biology</i> , 2011, 13, 653-662.	2.6	27
30	Development of Therapeutic Polymeric Nanoparticles for the Resolution of Inflammation. <i>Advanced Healthcare Materials</i> , 2014, 3, 1448-1456.	7.6	26
31	Nanoparticle protein corona evolution: from biological impact to biomarker discovery. <i>Nanoscale</i> , 2022, 14, 1606-1620.	5.6	25
32	Synthesis and Characterization of a Theranostic Vascular Disrupting Agent for <i>In Vivo</i> MR Imaging. <i>Bioconjugate Chemistry</i> , 2011, 22, 879-886.	3.6	23
33	Bioinspired Heparin Nanosponge Prepared by Photo-crosslinking for Controlled Release of Growth Factors. <i>Scientific Reports</i> , 2017, 7, 14351.	3.3	21
34	Potential therapeutic approaches for targeted inhibition of inflammatory cytokines following COVID-19 infection-induced cytokine storm. <i>Interface Focus</i> , 2022, 12, 20210006.	3.0	16
35	Active targeted delivery of immune therapeutics to lymph nodes. <i>Current Opinion in Organ Transplantation</i> , 2018, 23, 8-14.	1.6	13
36	Meta-analysis of In Vitro Drug-Release Parameters Reveals Predictable and Robust Kinetics for Redox-Responsive Drug-Conjugated Therapeutic Nanogels. <i>ACS Applied Nano Materials</i> , 2021, 4, 4256-4268.	5.0	12

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37	Improved Targeting of Cancers with Nanotherapeutics. <i>Methods in Molecular Biology</i> , 2017, 1530, 13-37.	0.9	11
38	Nanoconfined anti-oxidizing RAFT nitroxide radical polymer for reduction of low-density lipoprotein oxidation and foam cell formation. <i>Nanoscale Advances</i> , 2022, 4, 742-753.	4.6	5
39	Effect of Nanoparticle Biophysicochemical Properties on Binding and Transport across Cardiovascular Endothelial Dysfunction Models. <i>ACS Applied Nano Materials</i> , 2021, 4, 4077-4091.	5.0	3
40	Delivery of Cancer Nanotherapeutics. <i>Bioanalysis</i> , 2019, , 163-205.	0.1	2
41	A Biomicrofluidic Screening Platform for Dysfunctional Endothelium-Targeted Nanoparticles and Therapeutics. <i>Advanced NanoBiomed Research</i> , 0, , 2100092.	3.6	1