Nazila Kamaly

List of Publications by Year
in descending order

41 papers	9,718 citations	186209 28 h-index	265120 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. Advanced Drug Delivery Reviews, 2014, 66, 2-25.	6.6	2,275
2	Degradable Controlled-Release Polymers and Polymeric Nanoparticles: Mechanisms of Controlling Drug Release. Chemical Reviews, 2016, 116, 2602-2663.	23.0	2,018
3	Targeted polymeric therapeutic nanoparticles: design, development and clinical translation. Chemical Society Reviews, 2012, 41, 2971.	18.7	1,469
4	Self-assembled peptide-based nanostructures: Smart nanomaterials toward targeted drug delivery. Nano Today, 2016, 11, 41-60.	6.2	472
5	Self-Assembled Targeted Nanoparticles: Evolution of Technologies and Bench to Bedside Translation. Accounts of Chemical Research, 2011, 44, 1123-1134.	7.6	416
6	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. Science Translational Medicine, 2015, 7, 314ra183.	5.8	273
7	Targeted nanoparticles containing the proresolving peptide Ac2-26 protect against advanced atherosclerosis in hypercholesterolemic mice. Science Translational Medicine, 2015, 7, 275ra20.	5.8	269
8	Annexin A1â€“containing extracellular vesicles and polymeric nanoparticles promote epithelial wound repair. Journal of Clinical Investigation, 2015, 125, 1215-1227.	3.9	257
9	Engineered nanomedicine for myeloma and bone microenvironment targeting. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10287-10292.	3.3	234
10	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6506-6511.	3.3	184
11	Nanomedicines for renal disease: current status and future applications. Nature Reviews Nephrology, 2016, 12, 738-753.	4.1	179
12	Targeted Interleukin-10 Nanotherapeutics Developed with a Microfluidic Chip Enhance Resolution of Inflammation in Advanced Atherosclerosis. ACS Nano, 2016, 10, 5280-5292.	7.3	170
13	CXCR4â€Targeted and MMPâ€Responsive Iron Oxide Nanoparticles for Enhanced Magnetic Resonance Imaging. Angewandte Chemie - International Edition, 2014, 53, 9550-9554.	7.2	146
14	Folate Receptor Targeted Bimodal Liposomes for Tumor Magnetic Resonance Imaging. Bioconjugate Chemistry, 2009, 20, 648-655.	1.8	126
15	Development of Multinuclear Polymeric Nanoparticles as Robust Protein Nanocarriers. Angewandte Chemie - International Edition, 2014, 53, 8975-8979.	7.2	122
16	Bimodal Paramagnetic and Fluorescent Liposomes for Cellular and Tumor Magnetic Resonance Imaging. Bioconjugate Chemistry, 2008, 19, 118-129.	1.8	117
17	Targeted nanoparticles for colorectal cancer. Nanomedicine, 2016, 11, 2443-2456.	1.7	117
18	Direct synthesis of dextran-coated superparamagnetic iron oxide nanoparticles in a capillary-based droplet reactor. Journal of Materials Chemistry, 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. Journal of Controlled Release, 2011, 149, 111-116.	4.8	97
20	DODAG; a versatile new cationic lipid that mediates efficient delivery of pDNA and siRNA. Journal of Controlled Release, 2010, 143, 222-232.	4.8	93
21	Paramagnetic Liposome Nanoparticles for Cellular and Tumour Imaging. International Journal of Molecular Sciences, 2010, 11, 1759-1776.	1.8	73
22	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in Ldlr^{â^'/â^'} Mice. Advanced Healthcare Materials, 2017, 6, 1700313.	3.9	63
23	Nanomedicines for endothelial disorders. Nano Today, 2015, 10, 759-776.	6.2	49
24	A novel bimodal lipidic contrast agent for cellular labelling and tumour MRI. Organic and Biomolecular Chemistry, 2010, 8, 201-211.	1.5	45
25	MAGfect: a novel liposome formulation for MRI labelling and visualization of cells. Organic and Biomolecular Chemistry, 2006, 4, 3489.	1.5	43
26	A Solvent-Free Thermosponge Nanoparticle Platform for Efficient Delivery of Labile Proteins. Nano Letters, 2014, 14, 6449-6455.	4.5	36
27	Copper-free clickâ€"a promising tool for pre-targeted PET imaging. Chemical Communications, 2012, 48, 991-993.	2.2	35
28	Imaging of Gadolinium Spatial Distribution in Tumor Tissue by Laser Ablation Inductively Coupled Plasma Mass Spectrometry. Molecular Imaging and Biology, 2010, 12, 361-366.	1.3	33
29	A Low Molecular Weight Folate Receptor Targeted Contrast Agent for Magnetic Resonance Tumor Imaging. Molecular Imaging and Biology, 2011, 13, 653-662.	1.3	27
30	Development of Therapeutic Polymeric Nanoparticles for the Resolution of Inflammation. Advanced Healthcare Materials, 2014, 3, 1448-1456.	3.9	26
31	Nanoparticle protein corona evolution: from biological impact to biomarker discovery. Nanoscale, 2022, 14, 1606-1620.	2.8	25
32	Synthesis and Characterization of a Theranostic Vascular Disrupting Agent for In Vivo MR Imaging. Bioconjugate Chemistry, 2011, 22, 879-886.	1.8	23
33	Bioinspired Heparin Nanosponge Prepared by Photo-crosslinking for Controlled Release of Growth Factors. Scientific Reports, 2017, 7, 14351.	1.6	21
34	Potential therapeutic approaches for targeted inhibition of inflammatory cytokines following COVID-19 infection-induced cytokine storm. Interface Focus, 2022, 12, 20210006.	1.5	16
35	Active targeted delivery of immune therapeutics to lymph nodes. Current Opinion in Organ Transplantation, 2018, 23, 8-14.	0.8	13
36	Meta-analysis of In Vitro Drug-Release Parameters Reveals Predictable and Robust Kinetics for Redox-Responsive Drug-Conjugated Therapeutic Nanogels. ACS Applied Nano Materials, 2021, 4, 4256-4268.	2.4	12

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37	Improved Targeting of Cancers with Nanotherapeutics. Methods in Molecular Biology, 2017, 1530, 13-37.	0.4	11
38	Nanoconfined anti-oxidizing RAFT nitroxide radical polymer for reduction of low-density lipoprotein oxidation and foam cell formation. Nanoscale Advances, 2022, 4, 742-753.	2.2	5
39	Effect of Nanoparticle Biophysicochemical Properties on Binding and Transport across Cardiovascular Endothelial Dysfunction Models. ACS Applied Nano Materials, 2021, 4, 4077-4091.	2.4	3
40	Delivery of Cancer Nanotherapeutics. Bioanalysis, 2019, , 163-205.	0.1	2
41	A Biomicrofluidic Screening Platform for Dysfunctional Endotheliumâ€Targeted Nanoparticles and Therapeutics. Advanced NanoBiomed Research, 0, , 2100092.	1.7	1