Nazila Kamaly

List of Publications by Citations

40 papers	7,745 citations	28 h-index	43 g-index
43 ext. papers	8,773 ext. citations	12 avg, IF	6.22 L-index

#	Paper	IF	Citations
40	Cancer nanotechnology: the impact of passive and active targeting in the era of modern cancer biology. *Advanced Drug Delivery Reviews*, **2014**, 66, 2-25	18.5	1848
39	Degradable Controlled-Release Polymers and Polymeric Nanoparticles: Mechanisms of Controlling Drug Release. *Chemical Reviews*, **2016**, 116, 2602-63	68.1	1422
38	Targeted polymeric therapeutic nanoparticles: design, development and clinical translation. *Chemical Society Reviews*, **2012**, 41, 2971-3010	58.5	1286
37	Self-assembled peptide-based nanostructures: Smart nanomaterials toward targeted drug delivery. *Nano Today*, **2016**, 11, 41-60	17.9	364
36	Self-assembled targeted nanoparticles: evolution of technologies and bench to bedside translation. *Accounts of Chemical Research*, **2011**, 44, 1123-34	24.3	360
35	Predicting therapeutic nanomedicine efficacy using a companion magnetic resonance imaging nanoparticle. *Science Translational Medicine*, **2015**, 7, 314ra183	17.5	225
34	Targeted nanoparticles containing the proresolving peptide Ac2-26 protect against advanced atherosclerosis in hypercholesterolemic mice. *Science Translational Medicine*, **2015**, 7, 275ra20	17.5	210
33	Engineered nanomedicine for myeloma and bone microenvironment targeting. *Proceedings of the National Academy of Sciences of the United States of America*, **2014**, 111, 10287-92	11.5	204
32	Annexin A1-containing extracellular vesicles and polymeric nanoparticles promote epithelial wound repair. *Journal of Clinical Investigation*, **2015**, 125, 1215-27	15.9	192
31	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, 6506-11	11.5	153
30	Nanomedicines for renal disease: current status and future applications. *Nature Reviews Nephrology* , **2016**, 12, 738-753	14.9	125
29	CXCR4-targeted and MMP-responsive iron oxide nanoparticles for enhanced magnetic resonance imaging. *Angewandte Chemie - International Edition*, **2014**, 53, 9550-4	16.4	124
28	Targeted Interleukin-10 Nanotherapeutics Developed with a Microfluidic Chip Enhance Resolution of Inflammation in Advanced Atherosclerosis. *ACS Nano*, **2016**, 10, 5280-92	16.7	120
27	Folate receptor targeted bimodal liposomes for tumor magnetic resonance imaging. *Bioconjugate Chemistry*, **2009**, 20, 648-55	6.3	112
26	Development of multinuclear polymeric nanoparticles as robust protein nanocarriers. *Angewandte Chemie - International Edition*, **2014**, 53, 8975-9	16.4	108
25	Bimodal paramagnetic and fluorescent liposomes for cellular and tumor magnetic resonance imaging. *Bioconjugate Chemistry*, **2008**, 19, 118-29	6.3	105
24	Direct synthesis of dextran-coated superparamagnetic iron oxide nanoparticles in a capillary-based droplet reactor. *Journal of Materials Chemistry*, **2012**, 22, 4704		95

23	Novel multifunctional nanoparticle mediates siRNA tumour delivery, visualisation and therapeutic tumour reduction in vivo. *Journal of Controlled Release*, **2011**, 149, 111-6	11.7	88
22	Targeted nanoparticles for colorectal cancer. *Nanomedicine*, **2016**, 11, 2443-56	5.6	83
21	DODAG; a versatile new cationic lipid that mediates efficient delivery of pDNA and siRNA. *Journal of Controlled Release*, **2010**, 143, 222-32	11.7	81
20	Paramagnetic liposome nanoparticles for cellular and tumour imaging. *International Journal of Molecular Sciences*, **2010**, 11, 1759-76	6.3	63
19	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in Ldlr Mice. *Advanced Healthcare Materials*, **2017**, 6, 1700313	10.1	46
18	MAGfect: a novel liposome formulation for MRI labelling and visualization of cells. *Organic and Biomolecular Chemistry*, **2006**, 4, 3489-97	3.9	42
17	A novel bimodal lipidic contrast agent for cellular labelling and tumour MRI. *Organic and Biomolecular Chemistry*, **2010**, 8, 201-11	3.9	39
16	Copper-free click--a promising tool for pre-targeted PET imaging. *Chemical Communications*, **2012**, 48, 991-3	5.8	35
15	Nanomedicines for Endothelial Disorders. *Nano Today*, **2015**, 10, 759-776	17.9	33
14	A solvent-free thermosponge nanoparticle platform for efficient delivery of labile proteins. *Nano Letters*, **2014**, 14, 6449-55	11.5	32
13	Imaging of gadolinium spatial distribution in tumor tissue by laser ablation inductively coupled plasma mass spectrometry. *Molecular Imaging and Biology*, **2010**, 12, 361-6	3.8	32
12	A low molecular weight folate receptor targeted contrast agent for magnetic resonance tumor imaging. *Molecular Imaging and Biology*, **2011**, 13, 653-62	3.8	25
11	Synthesis and characterization of a theranostic vascular disrupting agent for in vivo MR imaging. *Bioconjugate Chemistry*, **2011**, 22, 879-86	6.3	23
10	Development of therapeutic polymeric nanoparticles for the resolution of inflammation. *Advanced Healthcare Materials*, **2014**, 3, 1448-1456	10.1	22
9	Bioinspired Heparin Nanosponge Prepared by Photo-crosslinking for Controlled Release of Growth Factors. *Scientific Reports*, **2017**, 7, 14351	4.9	14
8	Improved Targeting of Cancers with Nanotherapeutics. *Methods in Molecular Biology*, **2017**, 1530, 13-37	1.4	9
7	Active targeted delivery of immune therapeutics to lymph nodes. *Current Opinion in Organ Transplantation*, **2018**, 23, 8-14	2.5	9
6	Development of Multinuclear Polymeric Nanoparticles as Robust Protein Nanocarriers. *Angewandte Chemie*, **2014**, 126, 9121-9125	3.6	8

5	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	5.6	3
4	Nanoparticle protein corona evolution: from biological impact to biomarker discovery.. *Nanoscale*, **2022**,	7.7	2
3	Effect of Nanoparticle Biophysicochemical Properties on Binding and Transport across Cardiovascular Endothelial Dysfunction Models. *ACS Applied Nano Materials*, **2021**, 4, 4077-4091	5.6	1
2	Delivery of Cancer Nanotherapeutics. *Bioanalysis*, **2019**, 163-205	0.5	1
1	A Biomicrofluidic Screening Platform for Dysfunctional Endothelium-Targeted Nanoparticles and Therapeutics. *Advanced NanoBiomed Research*,2100092	0	