Efstathios Karathanasis

List of Publications by Year
in descending order

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46	2,530	236925	233421
papers	citations	25	45
		h-index	g-index

47	47	47	4006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Shaping cancer nanomedicine: the effect of particle shape on the in vivo journey of nanoparticles. Nanomedicine, 2014, 9, 121-134.	3.3	493
2	The effects of particle size, density and shape on margination of nanoparticles in microcirculation. Nanotechnology, 2011, 22, 115101.	2.6	204
3	Targeted nanotechnology for cancer imaging. Advanced Drug Delivery Reviews, 2014, 76, 79-97.	13.7	160
4	Enhanced Delivery of Chemotherapy to Tumors Using a Multicomponent Nanochain with Radio-Frequency-Tunable Drug Release. ACS Nano, 2012, 6, 4157-4168.	14.6	155
5	Imaging Metastasis Using an Integrin-Targeting Chain-Shaped Nanoparticle. ACS Nano, 2012, 6, 8783-8795.	14.6	128
6	Masking and triggered unmasking of targeting ligands on nanocarriers to improve drug delivery to brain tumors. Biomaterials, 2009, 30, 3986-3995.	11.4	122
7	Spatiotemporal Targeting of a Dual-Ligand Nanoparticle to Cancer Metastasis. ACS Nano, 2015, 9, 8012-8021.	14.6	107
8	Imaging Nanoprobe for Prediction of Outcome of Nanoparticle Chemotherapy by Using Mammography. Radiology, 2009, 250, 398-406.	7.3	96
9	Vascular targeting of nanoparticles for molecular imaging of diseased endothelium. Advanced Drug Delivery Reviews, 2017, 113, 141-156.	13.7	64
10	Tumor Vascular Permeability to a Nanoprobe Correlates to Tumor-Specific Expression Levels of Angiogenic Markers. PLoS ONE, 2009, 4, e5843.	2.5	64
11	Treatment of Invasive Brain Tumors Using a Chain-like Nanoparticle. Cancer Research, 2015, 75, 1356-1365.	0.9	63
12	MultimodalIn VivoImaging Exposes the Voyage of Nanoparticles in Tumor Microcirculation. ACS Nano, 2013, 7, 3118-3129.	14.6	59
13	Multifunctional nanocarriers for mammographic quantification of tumor dosing and prognosis of breast cancer therapy. Biomaterials, 2008, 29, 4815-4822.	11.4	58
14	Nanoparticle Encapsulation of Synergistic Immune Agonists Enables Systemic Codelivery to Tumor Sites and IFNÎ²-Driven Antitumor Immunity. Cancer Research, 2019, 79, 5394-5406.	0.9	55
15	Preparation of in vivo cleavable agglomerated liposomes suitable for modulated pulmonary drug delivery. Journal of Controlled Release, 2005, 103, 159-175.	9.9	51
16	Treatment of cancer micrometastasis using a multicomponent chain-like nanoparticle. Journal of Controlled Release, 2014, 173, 51-58.	9.9	46
17	Vascular Targeting of a Gold Nanoparticle to Breast Cancer Metastasis. Journal of Pharmaceutical Sciences, 2015, 104, 2600-2610.	3.3	46
18	Delivery of drugs into brain tumors using multicomponent silica nanoparticles. Nanoscale, 2019, 11, 11910-11921.	5.6	41

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19	Precise targeting of cancer metastasis using multi-ligand nanoparticles incorporating four different ligands. Nanoscale, 2018, 10, 6861-6871.	5.6	40
20	Agglomerated vesicle technology: a new class of particles for controlled and modulated pulmonary drug delivery. Journal of Controlled Release, 2003, 93, 15-28.	9.9	39
21	Assembly of Linear Nano-Chains from Iron Oxide Nanospheres with Asymmetric Surface Chemistry. PLoS ONE, 2011, 6, e15927.	2.5	39
22	Immunostimulatory nanoparticle incorporating two immune agonists for the treatment of pancreatic tumors. Journal of Controlled Release, 2021, 330, 1095-1105.	9.9	34
23	Chronic neural activity recorded within breast tumors. Scientific Reports, 2020, 10, 14824.	3.3	32
24	Immunostimulatory silica nanoparticle boosts innate immunity in brain tumors. Nanoscale Horizons, 2021, 6, 156-167.	8.0	29
25	Selective Targeting of Nanocarriers to Neutrophils and Monocytes. Annals of Biomedical Engineering, 2009, 37, 1984-1992.	2.5	27
26	Stimuliâ€Responsive Iron Oxide Nanotheranostics: A Versatile and Powerful Approach for Cancer Therapy. Advanced Healthcare Materials, 2021, 10, e2001044.	7.6	27
27	Crossing the barrier: treatment of brain tumors using nanochain particles. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2016, 8, 678-695.	6.1	25
28	Treatment of Glioblastoma Using Multicomponent Silica Nanoparticles. Advanced Therapeutics, 2019, 2, 1900118.	3.2	23
29	High-Resolution CT Vascular Imaging Using Blood Pool Contrast Agents. Methodist DeBakey Cardiovascular Journal, 2021, 8, 18.	1.0	21
30	Effective treatment of cancer metastasis using a dual-ligand nanoparticle. PLoS ONE, 2019, 14, e0220474.	2.5	21
31	One-pot synthesis of nanochain particles for targeting brain tumors. Nanoscale, 2017, 9, 9659-9667.	5.6	19
32	MRI mediated, non-invasive tracking of intratumoral distribution of nanocarriers in rat glioma. Nanotechnology, 2008, 19, 315101.	2.6	18
33	Triggered release of inhaled insulin from the agglomerated vesicles: Pharmacodynamic studies in rats. Journal of Controlled Release, 2006, 113, 117-127.	9.9	17
34	Imaging breast cancer using a dual-ligand nanochain particle. PLoS ONE, 2018, 13, e0204296.	2.5	16
35	The effect of PEGylation on the efficacy and uptake of an immunostimulatory nanoparticle in the tumor immune microenvironment. Nanoscale Advances, 2021, 3, 4961-4972.	4.6	15
36	On-Command Drug Release from Nanochains Inhibits Growth of Breast Tumors. Pharmaceutical Research, 2014, 31, 1460-1468.	3.5	13

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37	Dual agonist immunostimulatory nanoparticles combine with PD1 blockade for curative neoadjuvant immunotherapy of aggressive cancers. Nanoscale, 2022, 14, 1144-1159.	5.6	11
38	PTPmu-targeted nanoparticles label invasive pediatric and adult glioblastoma. Nanomedicine: Nanotechnology, Biology, and Medicine, 2020, 28, 102216.	3.3	10
39	Comparison of the uptake of untargeted and targeted immunostimulatory nanoparticles by immune cells in the microenvironment of metastatic breast cancer. Journal of Materials Chemistry B, 2022, 10, 224-235.	5.8	9
40	Effect of Dose and Selection of Two Different Ligands on the Deposition and Antitumor Efficacy of Targeted Nanoparticles in Brain Tumors. Molecular Pharmaceutics, 2019, 16, 4352-4360.	4.6	7
41	Paramagnetic Nanoparticles. Methods in Pharmacology and Toxicology, 2016, , 113-136.	0.2	7
42	Hyperthermia-mediated changes in the tumor immune microenvironment using iron oxide nanoparticles. Nanoscale Advances, 2021, 3, 5890-5899.	4.6	5
43	Triggered release of ciprofloxacin from nanostructured agglomerated vesicles. International Journal of Nanomedicine, 2007, 2, 407-18.	6.7	5
44	Glucose-sensing pulmonary delivery of human insulin to the systemic circulation of rats. International Journal of Nanomedicine, 2007, 2, 501-13.	6.7	5
45	Is nanomedicine still promising?. Oncotarget, 2011, 2, 430-432.	1.8	4
46	Triggered chemotherapeutic drug release from multi-component nanochains mediated by a local magnetic field. , 2013, , .		0