

Bryan Smith

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

4,805
citations

304743

22
h-index

233421

45
g-index

50
all docs

50
docs citations

50
times ranked

8023
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular Immune Targeted Imaging of Tumor Microenvironment. <i>Nanotheranostics</i> , 2022, 6, 286-305.	5.2	11
2	The pleiotropic benefits of statins include the ability to reduce CD47 and amplify the effect of pro-efferocytic therapies in atherosclerosis. , 2022, 1, 253-262.		22
3	Macrophage-targeted single walled carbon nanotubes stimulate phagocytosis via pH-dependent drug release. <i>Nano Research</i> , 2021, 14, 762-769.	10.4	16
4	Gum polysaccharide/nanometal hybrid biocomposites in cancer diagnosis and therapy. <i>Biotechnology Advances</i> , 2021, 48, 107711.	11.7	26
5	Ultrasensitive Carbon Nanotubes for Photoacoustic Imaging of Inflamed Atherosclerotic Plaques. <i>Advanced Functional Materials</i> , 2021, 31, 2101005.	14.9	24
6	Self-assembled peptide and protein nanostructures for anti-cancer therapy: Targeted delivery, stimuli-responsive devices and immunotherapy. <i>Nano Today</i> , 2021, 38, 101119.	11.9	135
7	Nanotherapeutics for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2021, 18, 617-618.	13.7	12
8	Non-spherical nanostructures in nanomedicine: From noble metal nanorods to transition metal dichalcogenide nanosheets. <i>Applied Materials Today</i> , 2021, 24, 101107.	4.3	16
9	Ultrasensitive Carbon Nanotubes for Photoacoustic Imaging of Inflamed Atherosclerotic Plaques (Adv. Funct. Mater. 37/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170271.	14.9	2
10	Nanomaterials to target immunity. <i>Advances in Pharmacology</i> , 2021, 91, 293-335.	2.0	3
11	Nano-immunoimaging. <i>Nanoscale Horizons</i> , 2020, 5, 628-653.	8.0	22
12	Nanoparticles decorated with granulocyte-colony stimulating factor for targeting myeloid cells. <i>Nanoscale</i> , 2020, 12, 2752-2763.	5.6	6
13	¹⁸ F-Fluorodeoxyglucose-Positron Emission Tomography Imaging Detects Response to Therapeutic Intervention and Plaque Vulnerability in a Murine Model of Advanced Atherosclerotic Disease—Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2821-2828.	2.4	10
14	Reduction Triggered <i>In Situ</i> Polymerization in Living Mice. <i>Journal of the American Chemical Society</i> , 2020, 142, 15575-15584.	13.7	42
15	Optical Microscopy and Coherence Tomography of Cancer in Living Subjects. <i>Trends in Cancer</i> , 2020, 6, 205-222.	7.4	14
16	Nanotherapeutic Shots through the Heart of Plaque. <i>ACS Nano</i> , 2020, 14, 1236-1242.	14.6	24
17	Pro-efferocytic nanoparticles are specifically taken up by lesional macrophages and prevent atherosclerosis. <i>Nature Nanotechnology</i> , 2020, 15, 154-161.	31.5	173
18	Particle tracking microrheology of cancer cells in living subjects. <i>Materials Today</i> , 2020, 39, 98-109.	14.2	20

#	ARTICLE	IF	CITATIONS
19	Quantitative Drug Release Monitoring in Tumors of Living Subjects by Magnetic Particle Imaging Nanocomposite. <i>Nano Letters</i> , 2019, 19, 6725-6733.	9.1	93
20	Non-spherical micro- and nanoparticles in nanomedicine. <i>Materials Horizons</i> , 2019, 6, 1094-1121.	12.2	120
21	Extravasation of Brownian Spheroidal Nanoparticles through Vascular Pores. <i>Biophysical Journal</i> , 2018, 115, 1103-1115.	0.5	19
22	High-Density Lipoprotein Nanoparticle Imaging in Atherosclerotic Vascular Disease. <i>JACC Basic To Translational Science</i> , 2017, 2, 98-100.	4.1	7
23	Nanomaterials for In Vivo Imaging. <i>Chemical Reviews</i> , 2017, 117, 901-986.	47.7	879
24	Cancer Immunotherapy Getting Brainy: Visualizing the Distinctive CNS Metastatic Niche to Illuminate Therapeutic Resistance. <i>Drug Resistance Updates</i> , 2017, 33-35, 23-35.	14.4	16
25	Predictive Modeling of Drug Response in Non-Hodgkin's Lymphoma. <i>PLoS ONE</i> , 2015, 10, e0129433.	2.5	24
26	Selective uptake of single-walled carbon nanotubes by circulating monocytes for enhanced tumour delivery. <i>Nature Nanotechnology</i> , 2014, 9, 481-487.	31.5	216
27	High-resolution, serial intravital microscopic imaging of nanoparticle delivery and targeting in a small animal tumor model. <i>Nano Today</i> , 2013, 8, 126-137.	11.9	53
28	An Integrated Computational/Experimental Model of Lymphoma Growth. <i>PLoS Computational Biology</i> , 2013, 9, e1003008.	3.2	36
29	Unexpected Dissemination Patterns in Lymphoma Progression Revealed by Serial Imaging within a Murine Lymph Node. <i>Cancer Research</i> , 2012, 72, 6111-6118.	0.9	21
30	Remodeling of Endogenous Mammary Epithelium by Breast Cancer Stem Cells. <i>Stem Cells</i> , 2012, 30, 2114-2127.	3.2	22
31	Fluorescent Magnetic Nanoparticles for Magnetically Enhanced Cancer Imaging and Targeting in Living Subjects. <i>ACS Nano</i> , 2012, 6, 6862-6869.	14.6	79
32	Shape Matters: Intravital Microscopy Reveals Surprising Geometrical Dependence for Nanoparticles in Tumor Models of Extravasation. <i>Nano Letters</i> , 2012, 12, 3369-3377.	9.1	189
33	A Comparison Between Time Domain and Spectral Imaging Systems for Imaging Quantum Dots in Small Living Animals. <i>Molecular Imaging and Biology</i> , 2010, 12, 500-508.	2.6	25
34	Dynamic Visualization of RGD-Quantum Dot Binding to Tumor Neovasculature and Extravasation in Multiple Living Mouse Models Using Intravital Microscopy. <i>Small</i> , 2010, 6, 2222-2229.	10.0	49
35	Quantum dots: Dynamic Visualization of RGD-Quantum Dot Binding to Tumor Neovasculature and Extravasation in Multiple Living Mouse Models Using Intravital Microscopy (<i>Small</i> 20/2010). <i>Small</i> , 2010, 6, n/a-n/a.	10.0	0
36	Assessing delivery and quantifying efficacy of small interfering ribonucleic acid therapeutics in the skin using a dual-axis confocal microscope. <i>Journal of Biomedical Optics</i> , 2010, 15, 036027.	2.6	11

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37	Functional and Transcriptional Characterization of Human Embryonic Stem Cell-Derived Endothelial Cells for Treatment of Myocardial Infarction. PLoS ONE, 2009, 4, e8443.	2.5	100
38	Multiplexed imaging of surface enhanced Raman scattering nanotags in living mice using noninvasive Raman spectroscopy. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 13511-13516.	7.1	656
39	Photoacoustic molecular imaging using single walled carbon nanotubes in living mice. , 2009, , .		4
40	Real-time visualization of RGD-quantum dot binding in tumor neovasculature using intravital microscopy in multiple living mouse models. Proceedings of SPIE, 2009, , .	0.8	1
41	Nanoparticulate Iron Oxide Contrast Agents for Untargeted and Targeted Cardiovascular Magnetic Resonance Imaging. Current Nanoscience, 2009, 5, 88-102.	1.2	15
42	Carbon nanotubes as photoacoustic molecular imaging agents in living mice. Nature Nanotechnology, 2008, 3, 557-562.	31.5	1,215
43	Real-Time Intravital Imaging of RGD-Quantum Dot Binding to Luminal Endothelium in Mouse Tumor Neovasculature. Nano Letters, 2008, 8, 2599-2606.	9.1	207
44	Localization to atherosclerotic plaque and biodistribution of biochemically derivatized superparamagnetic iron oxide nanoparticles (SPIONs) contrast particles for magnetic resonance imaging (MRI). Biomedical Microdevices, 2007, 9, 719-727.	2.8	97
45	Nanodevices in Biomedical Applications. , 2006, , 363-398.		4
46	The Molecular Analysis of Breast Cancer Utilizing Targeted Nanoparticle Based Ultrasound Contrast Agents. Technology in Cancer Research and Treatment, 2005, 4, 627-636.	1.9	36
47	A Biological Perspective of Particulate Nanoporous Silicon. Materials Technology, 2004, 19, 16-20.	3.0	3
48	Osmotic Pressures for Binary Solutions of Non-electrolytes. Biomedical Microdevices, 2002, 4, 309-321.	2.8	28