

Trevor M Mitcham

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/950151/publications.pdf>

Version: 2024-02-01

16
papers

620
citations

759233

12
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1402
citing authors

#	ARTICLE	IF	CITATIONS
1	Fluorinated Graphene Oxide; a New Multimodal Material for Biological Applications. <i>Advanced Materials</i> , 2013, 25, 5632-5637.	21.0	161
2	In vitro and in vivo mapping of drug release after laser ablation thermal therapy with doxorubicin-loaded hollow gold nanoshells using fluorescence and photoacoustic imaging. <i>Journal of Controlled Release</i> , 2013, 172, 152-158.	9.9	78
3	Croconaine rotaxane for acid activated photothermal heating and ratiometric photoacoustic imaging of acidic pH. <i>Chemical Communications</i> , 2016, 52, 120-123.	4.1	69
4	Multi-stimuli responsive Cu ₂ S nanocrystals as trimodal imaging and synergistic chemo-photothermal therapy agents. <i>Nanoscale</i> , 2015, 7, 8378-8388.	5.6	65
5	Highly versatile SPION encapsulated PLGA nanoparticles as photothermal ablaters of cancer cells and as multimodal imaging agents. <i>Biomaterials Science</i> , 2017, 5, 432-443.	5.4	61
6	Multifunctional Cu ₂ xTe Nanocubes Mediated Combination Therapy for Multi-Drug Resistant MDA MB 453. <i>Scientific Reports</i> , 2016, 6, 35961.	3.3	48
7	Photoacoustic imaging driven by an interstitial irradiation source. <i>Photoacoustics</i> , 2015, 3, 45-54.	7.8	33
8	Improved Photoacoustic-Based Oxygen Saturation Estimation With SNR-Regularized Local Fluence Correction. <i>IEEE Transactions on Medical Imaging</i> , 2019, 38, 561-571.	8.9	26
9	Photoacoustic-based s O ₂ estimation through excised bovine prostate tissue with interstitial light delivery. <i>Photoacoustics</i> , 2017, 7, 47-56.	7.8	19
10	Photoacoustic- and Magnetic Resonance-Guided Photothermal Therapy and Tumor Vasculature Visualization Using Theranostic Magnetic Gold Nanoshells. <i>Journal of Biomedical Nanotechnology</i> , 2015, 11, 1442-1450.	1.1	18
11	Plasmonic fluorescent CdSe/Cu ₂ S hybrid nanocrystals for multichannel imaging and cancer directed photo-thermal therapy. <i>Nanoscale</i> , 2016, 8, 7876-7888.	5.6	15
12	Modulation of photoacoustic signal generation from metallic surfaces. <i>Journal of Biomedical Optics</i> , 2013, 18, 056008.	2.6	13
13	Effect of perfluorocarbon composition on activation of phase-changing ultrasound contrast agents. <i>Medical Physics</i> , 2022, 49, 2212-2219.	3.0	6
14	Projection-based stereolithography for direct 3D printing of heterogeneous ultrasound phantoms. <i>PLoS ONE</i> , 2021, 16, e0260737.	2.5	5
15	A tumor vessel-targeting fusion protein elicits a chemotherapeutic bystander effect in pancreatic ductal adenocarcinoma. <i>American Journal of Cancer Research</i> , 2017, 7, 657-672.	1.4	3
16	Imaging biomarker development based on microbubble perfusion and oxygen saturation in a rat model of liver cancer. , 2018, , .		0