

Samir V Jenkins

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

807
citations

623734

14
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642732

23
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26
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26
docs citations

26
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Synergistic Photothermal and Antibiotic Killing of Biofilm-Associated <i>Staphylococcus aureus</i> Using Targeted Antibiotic-Loaded Gold Nanoconstructs. <i>ACS Infectious Diseases</i> , 2016, 2, 241-250.	3.8	139
2	Gold Nanocage-Photosensitizer Conjugates for Dual-Modal Image-Guided Enhanced Photodynamic Therapy. <i>Theranostics</i> , 2014, 4, 163-174.	10.0	113
3	Anisotropic Seeded Growth of Cu ⁿ M (M = Au, Pt, or Pd) Bimetallic Nanorods with Tunable Optical and Catalytic Properties. <i>Journal of Physical Chemistry C</i> , 2013, 117, 8924-8932.	3.1	104
4	Hypoxia-derived exosomes induce putative altered pathways in biosynthesis and ion regulatory channels in glioblastoma cells. <i>Biochemistry and Biophysics Reports</i> , 2018, 14, 104-113.	1.3	65
5	Label-Free Raman Spectroscopy Reveals Signatures of Radiation Resistance in the Tumor Microenvironment. <i>Cancer Research</i> , 2019, 79, 2054-2064.	0.9	53
6	Synthesis of Hollow Gold-Silver Alloyed Nanoparticles: A Galvanic Replacement Experiment for Chemistry and Engineering Students. <i>Journal of Chemical Education</i> , 2015, 92, 1056-1060.	2.3	44
7	Versatility of targeted antibiotic-loaded gold nanoconstructs for the treatment of biofilm-associated bacterial infections. <i>International Journal of Hyperthermia</i> , 2018, 34, 209-219.	2.5	40
8	Rapid determination of plasmonic nanoparticle agglomeration status in blood. <i>Biomaterials</i> , 2015, 51, 226-237.	11.4	37
9	Triple-negative breast cancer targeting and killing by EpCAM-directed, plasmonically active nanodrug systems. <i>Npj Precision Oncology</i> , 2017, 1, 27.	5.4	34
10	Sample storage conditions induce post-collection biases in microbiome profiles. <i>BMC Microbiology</i> , 2018, 18, 227.	3.3	23
11	Gastrointestinal Tract Dysbiosis Enhances Distal Tumor Progression through Suppression of Leukocyte Trafficking. <i>Cancer Research</i> , 2019, 79, 5999-6009.	0.9	21
12	Understanding the interactions between porphyrin-containing photosensitizers and polymer-coated nanoparticles in model biological environments. <i>Journal of Colloid and Interface Science</i> , 2016, 461, 225-231.	9.4	20
13	Optical imaging of radiation-induced metabolic changes in radiation-sensitive and resistant cancer cells. <i>Journal of Biomedical Optics</i> , 2017, 22, 060502.	2.6	19
14	A Radiosensitizing Inhibitor of HIF-1 alters the Optical Redox State of Human Lung Cancer Cells In Vitro. <i>Scientific Reports</i> , 2018, 8, 8815.	3.3	18
15	Quantitative diffuse reflectance spectroscopy of short-term changes in tumor oxygenation after radiation in a matched model of radiation resistance. <i>Biomedical Optics Express</i> , 2018, 9, 3794.	2.9	15
16	Thermoresponsive nanoparticle agglomeration/aggregation in salt solutions: Dependence on graft density. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 338-345.	9.4	11
17	Photothermal Response Induced by Nanocage-Coated Artificial Extracellular Matrix Promotes Neural Stem Cell Differentiation. <i>Nanomaterials</i> , 2021, 11, 1216.	4.1	11
18	Enhanced Photothermal Treatment Efficacy and Normal Tissue Protection via Vascular Targeted Gold Nanocages. <i>Nanotheranostics</i> , 2019, 3, 145-155.	5.2	10

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19	The unusual visible photothermal response of free standing multilayered films based on plasmonic bimetallic nanocages. RSC Advances, 2015, 5, 15719-15727.	3.6	9
20	Rapid quantification of mitochondrial fractal dimension in individual cells. Biomedical Optics Express, 2018, 9, 5269.	2.9	9
21	Plasmonic Nanostructures for Biomedical and Sensing Applications. , 2015, , 133-173.		3
22	Optical Properties of Alloyed Noble Metal Nanoparticles: A Nanotechnology Experiment for Chemistry and Engineering Students. Journal of Chemical Education, 2020, 97, 3778-3783.	2.3	3
23	Dysbiotic stress increases the sensitivity of the tumor vasculature to radiotherapy and c-Met inhibitors. Angiogenesis, 2021, 24, 597-611.	7.2	3
24	Nanoscale investigation and control of photothermal action of gold nanostructure-coated surfaces. Journal of Materials Science, 2021, 56, 10249-10263.	3.7	3
25	37606 Enhanced radiation therapy using chlorin-e6 conjugated gold nanoparticles. Journal of Clinical and Translational Science, 2021, 5, 42-42.	0.6	0