

Nalinikanth Kotagiri

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

809
citations

840776

11
h-index

752698

20
g-index

26
all docs

26
docs citations

26
times ranked

1357
citing authors

#	ARTICLE	IF	CITATIONS
1	Breaking the depth dependency of phototherapy with Cerenkov radiation and low-radiance-responsive nanophotosensitizers. <i>Nature Nanotechnology</i> , 2015, 10, 370-379.	31.5	340
2	Photothermal antimicrobial nanotherapy and nanodiagnostics with self-assembling carbon nanotube clusters. <i>Lasers in Surgery and Medicine</i> , 2007, 39, 622-634.	2.1	133
3	Radionuclides transform chemotherapeutics into phototherapeutics for precise treatment of disseminated cancer. <i>Nature Communications</i> , 2018, 9, 275.	12.8	59
4	Antibody Quantum Dot Conjugates Developed via Copper-Free Click Chemistry for Rapid Analysis of Biological Samples Using a Microfluidic Microsphere Array System. <i>Bioconjugate Chemistry</i> , 2014, 25, 1272-1281.	3.6	55
5	Activatable Probes Based on Distance-Dependent Luminescence Associated with Cerenkov Radiation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7756-7760.	13.8	36
6	Selective Pathogen Targeting and Macrophage Evading Carbon Nanotubes Through Dextran Sulfate Coating and PEGylation for Photothermal Theranostics. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1008-1016.	1.1	30
7	In situ fluorescence microscopy visualization and characterization of nanometer-scale carbon nanotubes labeled with 1-pyrenebutanoic acid, succinimidyl ester. <i>Applied Physics Letters</i> , 2006, 88, 213110.	3.3	25
8	Carbon Nanotubes Fed on Carbs Coating of Single-Walled Carbon Nanotubes by Dextran Sulfate. <i>Macromolecular Bioscience</i> , 2010, 10, 231-238.	4.1	16
9	Stealth nanotubes: strategies of shielding carbon nanotubes to evade opsonization and improve biodistribution. <i>International Journal of Nanomedicine</i> , 2014, 9 Suppl 1, 85.	6.7	15
10	Engineered Bacteria Enhance Immunotherapy and Targeted Therapy through Stromal Remodeling of Tumors. <i>Advanced Healthcare Materials</i> , 2022, 11, e2101487.	7.6	15
11	Exosomes: Biological Pharmaceutical Nanovectors for Theranostics. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 808614.	4.1	15
12	Simultaneous detection of multiple biological targets using optimized microfluidic microsphere-trap arrays. <i>Journal of Micro/ Nanolithography, MEMS, and MOEMS</i> , 2014, 13, 1.	0.9	10
13	Reply to "Is Cherenkov luminescence bright enough for photodynamic therapy?". <i>Nature Nanotechnology</i> , 2018, 13, 354-355.	31.5	10
14	Performance Analysis and Design of Position-Encoded Microsphere Arrays Using the Ziv-Zakai Bound. <i>IEEE Transactions on Nanobioscience</i> , 2013, 12, 29-40.	3.3	8
15	Leveraging copper import by yersiniabactin siderophore system for targeted PET imaging of bacteria. <i>JCI Insight</i> , 2021, 6, .	5.0	8
16	Microfluidic microsphere-trap arrays for simultaneous detection of multiple targets. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
17	Fluorescent ampicillin analogues as multifunctional disguising agents against opsonization. <i>Nanoscale</i> , 2016, 8, 12658-12667.	5.6	6
18	Effects of core titanium crystal dimension and crystal phase on ROS generation and tumour accumulation of transferrin coated titanium dioxide nanoaggregates. <i>RSC Advances</i> , 2020, 10, 23759-23766.	3.6	6

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19	AB569, a non-toxic combination of acidified nitrite and EDTA, is effective at killing the notorious Iraq/Afghanistan combat wound pathogens, multi-drug resistant <i>Acinetobacter baumannii</i> and <i>Acinetobacter</i> spp.. PLoS ONE, 2021, 16, e0247513.	2.5	4
20	Anti-Androgen Therapy Radiosensitizes Androgen Receptor Positive Cancers to F-18 Fluorodeoxyglucose. Journal of Nuclear Medicine, 2021, , jnumed.121.262958.	5.0	2
21	Cell-Derived Biomimetic Nanostructures for Biomedical Applications. , 2020, , 195-228.		1
22	DNA-Directed Self-Assembly of Microscopic 1-D Carbon Nanotube Wire. , 2007, , .		0
23	Sugar coated stealth carbon nanotubes. , 2010, , .		0
24	Optical Stimulation of Nanoparticles Using Ionizing Radiation for Cancer Therapy. , 2020, , 119-139.		0