Nalinikanth Kotagiri

List of Publications by Year
in descending order

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24	809	840776	752698
papers	citations	11	20
		h-index	g-index

26	26	26	1357
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Engineered Bacteria Enhance Immunotherapy and Targeted Therapy through Stromal Remodeling of Tumors. Advanced Healthcare Materials, 2022, 11, e2101487.	7.6	15
2	AB569, a non-toxic combination of acidified nitrite and EDTA, is effective at killing the notorious Iraq/Afghanistan combat wound pathogens, multi-drug resistant Acinetobacter baumannii and Acinetobacter spp.. PLoS ONE, 2021, 16, e0247513.	2.5	4
3	Leveraging copper import by yersiniabactin siderophore system for targeted PET imaging of bacteria. JCI Insight, 2021, 6, .	5.0	8
4	Anti-Androgen Therapy Radiosensitizes Androgen Receptor Positive Cancers to F-18 Fluorodeoxyglucose. Journal of Nuclear Medicine, 2021, , jnumed.121.262958.	5.0	2
5	Exosomes: Biological Pharmaceutical Nanovectors for Theranostics. Frontiers in Bioengineering and Biotechnology, 2021, 9, 808614.	4.1	15
6	Effects of core titanium crystal dimension and crystal phase on ROS generation and tumour accumulation of transferrin coated titanium dioxide nanoaggregates. RSC Advances, 2020, 10, 23759-23766.	3.6	6
7	Cell-Derived Biomimetic Nanostructures for Biomedical Applications. , 2020, , 195-228.		1
8	Optical Stimulation of Nanoparticles Using Ionizing Radiation for Cancer Therapy. , 2020, , 119-139.		0
9	Radionuclides transform chemotherapeutics into phototherapeutics for precise treatment of disseminated cancer. Nature Communications, 2018, 9, 275.	12.8	59
10	Reply to â€˜Is Cherenkov luminescence bright enough for photodynamic therapy?â€™. Nature Nanotechnology, 2018, 13, 354-355.	31.5	10
11	Fluorescent ampicillin analogues as multifunctional disguising agents against opsonization. Nanoscale, 2016, 8, 12658-12667.	5.6	6
12	Breaking the depth dependency of phototherapy with Cerenkov radiation and low-radiance-responsive nanophotosensitizers. Nature Nanotechnology, 2015, 10, 370-379.	31.5	340
13	Stealth nanotubes: strategies of shielding carbon nanotubes to evade opsonization and improve biodistribution. International Journal of Nanomedicine, 2014, 9 Suppl 1, 85.	6.7	15
14	Simultaneous detection of multiple biological targets using optimized microfluidic microsphere-trap arrays. Journal of Micro/ Nanolithography, MEMS, and MOEMS, 2014, 13, 1.	0.9	10
15	Antibody Quantum Dot Conjugates Developed via Copper-Free Click Chemistry for Rapid Analysis of Biological Samples Using a Microfluidic Microsphere Array System. Bioconjugate Chemistry, 2014, 25, 1272-1281.	3.6	55
16	Performance Analysis and Design of Position-Encoded Microsphere Arrays Using the Ziv-Zakai Bound. IEEE Transactions on Nanobioscience, 2013, 12, 29-40.	3.3	8
17	Activatable Probes Based on Distanceâ€Dependent Luminescence Associated with Cerenkov Radiation. Angewandte Chemie - International Edition, 2013, 52, 7756-7760.	13.8	36
18	Selective Pathogen Targeting and Macrophage Evading Carbon Nanotubes Through Dextran Sulfate Coating and PEGylation for Photothermal Theranostics. Journal of Biomedical Nanotechnology, 2013, 9, 1008-1016.	1.1	30

#	Article	IF	Citations
19	Microfluidic microsphere-trap arrays for simultaneous detection of multiple targets. Proceedings of SPIE, 2013, , .	0.8	6
20	Carbon Nanotubes Fed on â€œCarbsâ€• Coating of Singleâ€Walled Carbon Nanotubes by Dextran Sulfate. Macromolecular Bioscience, 2010, 10, 231-238.	4.1	16
21	Sugar coated stealth carbon nanotubes. , 2010, , .		0
22	DNA-Directed Self-Assembly of Microscopic 1-D Carbon Nanotube Wire. , 2007, , .		0
23	Photothermal antimicrobial nanotherapy and nanodiagnostics with selfâ€assembling carbon nanotube clusters. Lasers in Surgery and Medicine, 2007, 39, 622-634.	2.1	133
24	In situ fluorescence microscopy visualization and characterization of nanometer-scale carbon nanotubes labeled with 1-pyrenebutanoic acid, succinimidyl ester. Applied Physics Letters, 2006, 88, 213110.	3.3	25