Daniel R Cooper

List of Publications by Year
in descending order

21 papers	1,472 citations	687363 13 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	2915 citing authors

#	Article	IF	Citations
1	Noninvasive Cardiac Radiation for Ablation of Ventricular Tachycardia. New England Journal of Medicine, 2017, 377, 2325-2336.	27.0	462
2	Experimental Review of Graphene. , 2012, 2012, 1-56.		404
3	Cardiac Electrophysiological Substrate Underlying the ECG Phenotype and Electrogram Abnormalities in Brugada Syndrome Patients. Circulation, 2015, 131, 1950-1959.	1.6	139
4	Gold nanoparticles and their alternatives for radiation therapy enhancement. Frontiers in Chemistry, 2014, 2, 86.	3.6	108
5	Photosensitization of CdSe/ZnS QDs and reliability of assays for reactive oxygen species production. Nanoscale, 2010, 2, 114-121.	5.6	75
6	Photoenhancement of lifetimes in CdSe/ZnS and CdTe quantum dot-dopamine conjugates. Physical Chemistry Chemical Physics, 2009, 11, 4298.	2.8	47
7	Photoluminescence of cerium fluoride and cerium-doped lanthanum fluoride nanoparticles and investigation of energy transfer to photosensitizer molecules. Physical Chemistry Chemical Physics, 2014, 16, 12441-12453.	2.8	38
8	Radioluminescence studies of colloidal oleate-capped Î²-Na(Gd,Lu)F₄:Ln³⁺ nanoparticles (Ln = Ce, Eu, Tb). Nanoscale, 2018, 10, 7821-7832.	5.6	30
9	Nanotechnology for in vitro neuroscience. Nanoscale, 2009, 1, 183.	5.6	26
10	Optically Stimulated Nanodosimeters with High Storage Capacity. Nanomaterials, 2019, 9, 1127.	4.1	26
11	Perspective: lanthanide-doped upconverting nanoparticles. Methods and Applications in Fluorescence, 2019, 7, 012004.	2.3	26
12	Synthesis and characterization of biologically stable, doped LaF3 nanoparticles co-conjugated to PEG and photosensitizers. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 329, 26-34.	3.9	20
13	Conductance Switching in the Photoswitchable Protein Dronpa. Journal of the American Chemical Society, 2012, 134, 16119-16122.	13.7	17
14	The effects of lanthanide-doped upconverting nanoparticles on cancer cell biomarkers. Nanoscale, 2018, 10, 14464-14471.	5.6	16
15	On a local (de-)trapping model for highly doped Pr³⁺ radioluminescent and persistent luminescent nanoparticles. Nanoscale, 2020, 12, 20759-20766.	5.6	13
16	Differential effects of Î²-mercaptoethanol on CdSe/ZnS and InP/ZnS quantum dots. Physical Chemistry Chemical Physics, 2013, 15, 10418.	2.8	10
17	Scintillation Yield Estimates of Colloidal Cerium-Doped LaF3 Nanoparticles and Potential for â€œDeep PDTâ€• Radiation Research, 2018, 190, 28.	1.5	6
18	Lanthanum fluoride nanoparticles for radiosensitization of tumors. Proceedings of SPIE, 2016, , .	0.8	4

#	Article	IF	Citations
19	Photoenhancement of quantum dots and conjugates measured by time-resolved spectroscopy. , 2009, , .		3
20	On The Possibility of Combining Radiotherapy and Photodynamic Therapy. , 2014, , .		1
21	Evidence of energy transfer in nanoparticle-porphyrins conjugates for radiation therapy enhancement. Proceedings of SPIE, 2015, , .	0.8	1