

Daniel R Cooper

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6012243/publications.pdf>

Version: 2024-02-01

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	On a local (de-)trapping model for highly doped Pr ³⁺ radioluminescent and persistent luminescent nanoparticles. <i>Nanoscale</i> , 2020, 12, 20759-20766.	5.6	13
2	Optically Stimulated Nanodosimeters with High Storage Capacity. <i>Nanomaterials</i> , 2019, 9, 1127.	4.1	26
3	Perspective: lanthanide-doped upconverting nanoparticles. <i>Methods and Applications in Fluorescence</i> , 2019, 7, 012004.	2.3	26
4	Radioluminescence studies of colloidal oleate-capped $\text{Na}(\text{Gd,Lu})\text{F}_4:\text{Ln}^{3+}$ nanoparticles (Ln = Ce, Eu, Tb). <i>Nanoscale</i> , 2018, 10, 7821-7832.	5.6	30
5	The effects of lanthanide-doped upconverting nanoparticles on cancer cell biomarkers. <i>Nanoscale</i> , 2018, 10, 14464-14471.	5.6	16
6	Scintillation Yield Estimates of Colloidal Cerium-Doped LaF ₃ Nanoparticles and Potential for Deep PDT. <i>Radiation Research</i> , 2018, 190, 28.	1.5	6
7	Noninvasive Cardiac Radiation for Ablation of Ventricular Tachycardia. <i>New England Journal of Medicine</i> , 2017, 377, 2325-2336.	27.0	462
8	Synthesis and characterization of biologically stable, doped LaF ₃ nanoparticles co-conjugated to PEG and photosensitizers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 329, 26-34.	3.9	20
9	Lanthanum fluoride nanoparticles for radiosensitization of tumors. <i>Proceedings of SPIE</i> , 2016, , .	0.8	4
10	Cardiac Electrophysiological Substrate Underlying the ECG Phenotype and Electrogram Abnormalities in Brugada Syndrome Patients. <i>Circulation</i> , 2015, 131, 1950-1959.	1.6	139
11	Evidence of energy transfer in nanoparticle-porphyrins conjugates for radiation therapy enhancement. <i>Proceedings of SPIE</i> , 2015, , .	0.8	1
12	On The Possibility of Combining Radiotherapy and Photodynamic Therapy. , 2014, , .		1
13	Photoluminescence of cerium fluoride and cerium-doped lanthanum fluoride nanoparticles and investigation of energy transfer to photosensitizer molecules. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 12441-12453.	2.8	38
14	Gold nanoparticles and their alternatives for radiation therapy enhancement. <i>Frontiers in Chemistry</i> , 2014, 2, 86.	3.6	108
15	Differential effects of β -mercaptoethanol on CdSe/ZnS and InP/ZnS quantum dots. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10418.	2.8	10
16	Experimental Review of Graphene. , 2012, 2012, 1-56.		404
17	Conductance Switching in the Photoswitchable Protein Dronpa. <i>Journal of the American Chemical Society</i> , 2012, 134, 16119-16122.	13.7	17
18	Photosensitization of CdSe/ZnS QDs and reliability of assays for reactive oxygen species production. <i>Nanoscale</i> , 2010, 2, 114-121.	5.6	75

#	ARTICLE	IF	CITATIONS
19	Photoenhancement of quantum dots and conjugates measured by time-resolved spectroscopy. , 2009, , .		3
20	Nanotechnology for in vitro neuroscience. <i>Nanoscale</i> , 2009, 1, 183.	5.6	26
21	Photoenhancement of lifetimes in CdSe/ZnS and CdTe quantum dot-dopamine conjugates. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 4298.	2.8	47