

Richa Sethi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12059623/publications.pdf>

Version: 2024-02-01

9
papers

615
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

1237
citing authors

#	ARTICLE	IF	CITATIONS
1	Geometrical confinement of gadolinium-based contrast agents in nanoporous particles enhances T1 contrast. <i>Nature Nanotechnology</i> , 2010, 5, 815-821.	31.5	379
2	Gadolinium oxide nanoplates with high longitudinal relaxivity for magnetic resonance imaging. <i>Nanoscale</i> , 2014, 6, 13637-13645.	5.6	72
3	Enhanced MRI relaxivity of Gd ³⁺ -based contrast agents geometrically confined within porous nanoconstructs. <i>Contrast Media and Molecular Imaging</i> , 2012, 7, 501-508.	0.8	46
4	The Gadonanotubes revisited: A new frontier in MRI contrast agent design. <i>Inorganica Chimica Acta</i> , 2012, 393, 165-172.	2.4	33
5	Geometrical confinement of Gd(DOTA) molecules within mesoporous silicon nanoconstructs for MR imaging of cancer. <i>Cancer Letters</i> , 2014, 352, 97-101.	7.2	31
6	Surfactant-free Gd ³⁺ -ion-containing carbon nanotube MRI contrast agents for stem cell labeling. <i>Nanoscale</i> , 2015, 7, 12085-12091.	5.6	24
7	Nitroxide Radicals@Carbon Nanotubes: New Spin Labels for Biomedical Applications. <i>Advanced Functional Materials</i> , 2012, 22, 3691-3698.	14.9	21
8	Nonequilibrium Thermodynamics Formalism for Marcus Theory of Heterogeneous and Self-Exchange Electron-Transfer Rate Constants. <i>Journal of Physical Chemistry A</i> , 2008, 112, 4308-4313.	2.5	5
9	The Gadonanotubes as High-Performance MRI Contrast Agents: The Unappreciated Role of the Carbon Nanotube Component at Low Magnetic Fields. <i>ECS Journal of Solid State Science and Technology</i> , 2017, 6, M3173-M3180.	1.8	4