

Matthieu F Dumont

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

502
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	Prussian blue nanoparticles for laser-induced photothermal therapy of tumors. RSC Advances, 2014, 4, 29729.	3.6	93
2	Photoinduced Magnetism in Core/Shell Prussian Blue Analogue Heterostructures of $K_xNi_y[Cr(CN)_6]_z \cdot nH_2O$ with $Rb_aCo_b[Fe(CN)_6]_c \cdot mH_2O$. Inorganic Chemistry, 2011, 50, 4295-4300.	4.0	86
3	Photoinduced Magnetism in a Series of Prussian Blue Analogue Heterostructures. Chemistry of Materials, 2011, 23, 3045-3053.	6.7	74
4	Biofunctionalized Gadolinium-Containing Prussian Blue Nanoparticles as Multimodal Molecular Imaging Agents. Bioconjugate Chemistry, 2014, 25, 129-137.	3.6	73
5	DNA Surface Modified Gadolinium Phosphate Nanoparticles as MRI Contrast Agents. Bioconjugate Chemistry, 2012, 23, 951-957.	3.6	49
6	Manganese-containing Prussian blue nanoparticles for imaging of pediatric brain tumors. International Journal of Nanomedicine, 2014, 9, 2581.	6.7	33
7	Synthesis and Size Control of Iron(II) Hexacyanochromate(III) Nanoparticles and the Effect of Particle Size on Linkage Isomerism. Inorganic Chemistry, 2013, 52, 4494-4501.	4.0	24
8	X-ray Absorption Study of Structural Coupling in Photomagnetic Prussian Blue Analogue Core@Shell Particles. Chemistry of Materials, 2014, 26, 2586-2594.	6.7	24
9	Magnetic neutron scattering of thermally quenched K-Co-Fe Prussian blue analog photomagnet. Physical Review B, 2012, 86, .	3.2	19
10	Photoinduced perturbations of the magnetic superexchange in core@shell Prussian blue analogues. Polyhedron, 2013, 66, 153-156.	2.2	11
11	Biofunctionalized Prussian Blue Nanoparticles for Multimodal Molecular Imaging Applications. Journal of Visualized Experiments, 2015, , e52621.	0.3	9
12	Pressure-tuning of the photomagnetic response of heterostructured CoFe@CrCr-PBA core@shell nanoparticles. Polyhedron, 2017, 123, 323-327.	2.2	7