

Nuno J O Silva

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

2,576
citations

516215

16
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713013

21
g-index

22
all docs

22
docs citations

22
times ranked

3455
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermometry at the nanoscale. <i>Nanoscale</i> , 2012, 4, 4799.	2.8	1,258
2	A Luminescent Molecular Thermometer for Long-Term Absolute Temperature Measurements at the Nanoscale. <i>Advanced Materials</i> , 2010, 22, 4499-4504.	11.1	405
3	Lanthanide-based luminescent molecular thermometers. <i>New Journal of Chemistry</i> , 2011, 35, 1177.	1.4	266
4	Joining Time-Resolved Thermometry and Magnetic-Induced Heating in a Single Nanoparticle Unveils Intriguing Thermal Properties. <i>ACS Nano</i> , 2015, 9, 3134-3142.	7.3	135
5	Ratiometric highly sensitive luminescent nanothermometers working in the room temperature range. Applications to heat propagation in nanofluids. <i>Nanoscale</i> , 2013, 5, 7572.	2.8	87
6	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8134.	5.2	71
7	Biofunctionalized magnetic hydrogel nanospheres of magnetite and λ -carrageenan. <i>Nanotechnology</i> , 2009, 20, 355602.	1.3	45
8	Implementing Thermometry on Silicon Surfaces Functionalized by Lanthanide-Doped Self-Assembled Polymer Monolayers. <i>Advanced Functional Materials</i> , 2016, 26, 200-209.	7.8	42
9	Organic-Inorganic $\text{Eu}^{3+}/\text{Tb}^{3+}$ codoped hybrid films for temperature mapping in integrated circuits. <i>Frontiers in Chemistry</i> , 2013, 1, 9.	1.8	41
10	Magnetic hyperthermia with $\mu\text{-Fe}_2\text{O}_3$ nanoparticles. <i>RSC Advances</i> , 2020, 10, 28786-28797.	1.7	36
11	Magnetic and relaxation properties of multifunctional polymer-based nanostructured bioferrofluids as MRI contrast agents. <i>Magnetic Resonance in Medicine</i> , 2011, 66, 1715-1721.	1.9	30
12	Synthesis of cobalt aluminate nanopigments by a non-aqueous sol-gel route. <i>Nanoscale</i> , 2013, 5, 4277.	2.8	27
13	Metal-Organic Frameworks Assembled From Erbium Tetramers and 2,5-Pyridinedicarboxylic Acid. <i>Crystal Growth and Design</i> , 2013, 13, 2607-2617.	1.4	25
14	Mixed-Metal Phosphonate Frameworks Photoluminescence and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2035-2044.	1.0	23
15	Carrageenan-grafted magnetite nanoparticles as recyclable sorbents for dye removal. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	22
16	Screening of dual chemo-photothermal cellular nanotherapies in organotypic breast cancer 3D spheroids. <i>Journal of Controlled Release</i> , 2021, 331, 85-102.	4.8	19
17	Nano-Localized Thermal Analysis and Mapping of Surface and Sub-Surface Thermal Properties Using Scanning Thermal Microscopy (SThM). <i>Microscopy and Microanalysis</i> , 2016, 22, 1270-1280.	0.2	15
18	Cobalt aluminate nanoparticles supported on MIL-101 structure: catalytic performance investigation. <i>RSC Advances</i> , 2015, 5, 4175-4183.	1.7	11

#	ARTICLE	IF	CITATIONS
19	Temperature-responsive nanomagnetic logic gates for cellular hyperthermia. <i>Materials Horizons</i> , 2019, 6, 524-530.	6.4	9
20	Magnetically responsive dry fluids. <i>Nanoscale</i> , 2013, 5, 7229.	2.8	7
21	Efficient Brownian oscillators and nanoheaters based on gallium-doped $\hat{\mu}$ -Fe ₂ O ₃ . <i>Chemical Communications</i> , 2021, 57, 2285-2288.	2.2	2