

Carlos Renero-Lecuna

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

547
citations

840585

11
h-index

839398

18
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18
all docs

18
docs citations

18
times ranked

1020
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of the High Upconversion Green Luminescence Efficiency in $\text{Er}^{3+}/\text{Yb}^{3+}$ -NaYF ₄ : ₂ Er ³⁺ ,20%Yb ³⁺ . Chemistry of Materials, 2011, 23, 3442-3448.	3.2	213
2	Nano-ZnO leads to tubulin microtubule assembly and actin bundling, triggering cytoskeletal catastrophe and cell necrosis. Nanoscale, 2016, 8, 10963-10973.	2.8	57
3	Nature of Hexagonal Silicon Forming via High-Pressure Synthesis: Nanostructured Hexagonal 4H Polytype. Nano Letters, 2018, 18, 5989-5995.	4.5	43
4	Challenges for optical nanothermometry in biological environments. Chemical Society Reviews, 2022, 51, 4223-4242.	18.7	38
5	Pressure-induced Pr ³⁺ 3PO luminescence in cubic Y ₂ O ₃ . Journal of Luminescence, 2014, 146, 27-32.	1.5	31
6	<i>In Vivo</i> Evaluation of Multifunctional Gold Nanorods for Boron Neutron Capture and Photothermal Therapies. ACS Applied Materials & Interfaces, 2021, 13, 49589-49601.	4.0	23
7	Dye-doped biodegradable nanoparticle SiO ₂ coating on zinc- and iron-oxide nanoparticles to improve biocompatibility and for <i>in vivo</i> imaging studies. Nanoscale, 2020, 12, 6164-6175.	2.8	22
8	The effect of cation disorder on magnetic properties of new double perovskites La ₂ Ni _{1-x} Co _{1-x} MnO ₆ (x=0.0, 0.2, 0.4, 0.6, 0.8, 1.0). Journal of Applied Physics, 2021, 124, 084101.	2.8	21
9	Self-assembly of ultra-thin lanthanide oxide nanowires via surfactant-mediated imperfect oriented attachment of nanoparticles. CrystEngComm, 2012, 14, 7110.	1.3	20
10	Photoluminescence in ZnO:Co ²⁺ (0.01%–5%) Nanoparticles, Nanowires, Thin Films, and Single Crystals as a Function of Pressure and Temperature: Exploring Electron–Phonon Interactions. Chemistry of Materials, 2014, 26, 1100-1107.	3.2	19
11	Effect of Size, Shape, and Composition on the Interaction of Different Nanomaterials with HeLa Cells. Journal of Nanomaterials, 2019, 2019, 1-11.	1.5	19
12	Nd ³⁺ -Doped Lanthanum Oxide Nanocrystals as Nanothermometers. Journal of Physical Chemistry C, 2021, 125, 19887-19896.	1.5	12
13	Morphological study of F8BT:PFB thin film blends. Organic Electronics, 2015, 23, 87-98.	1.4	8
14	Structural Metastability and Quantum Confinement in Zn _{1-x} CoxO Nanoparticles. Nano Letters, 2016, 16, 5204-5212.	4.5	6
15	Free-labeled nanoclay intracellular uptake tracking by confocal Raman imaging. Applied Surface Science, 2021, 537, 147870.	3.1	6
16	High-Pressure Melting Curve of Zintl Sodium Silicide Na ₄ Si ₄ by In Situ Electrical Measurements. Inorganic Chemistry, 2019, 58, 10822-10828.	1.9	5
17	Role of high pressure for understanding luminescent phenomena. Journal of Luminescence, 2016, 169, 410-414.	1.5	2
18	Development of an accurate method for dispersion and quantification of carbon nanotubes in biological media. Analytical Methods, 2020, 12, 5642-5647.	1.3	2