

Juan Beltran-Huarac

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

850
citations

471061

17
h-index

580395

25
g-index

25
all docs

25
docs citations

25
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	Photodynamic Therapeutic Effect of Nanostructured Metal Sulfide Photosensitizers on Cancer Treatment. <i>Nanoscale Research Letters</i> , 2022, 17, 33.	3.1	12
2	Magnetic Control of the Manganese Photoluminescence in Fe ₃ O ₄ /I-Cys ZnS:Mn Nanocomposites. <i>ACS Omega</i> , 2021, 6, 7598-7604.	1.6	6
3	Recent Progress in Iron Oxide Nanoparticles as Therapeutic Magnetic Agents for Cancer Treatment and Tissue Engineering. <i>ACS Applied Bio Materials</i> , 2020, 3, 8172-8187.	2.3	45
4	Safer-by-design flame-sprayed silicon dioxide nanoparticles: the role of silanol content on ROS generation, surface activity and cytotoxicity. <i>Particle and Fibre Toxicology</i> , 2019, 16, 40.	2.8	48
5	Controlling the transverse proton relaxivity of magnetic graphene oxide. <i>Scientific Reports</i> , 2019, 9, 5633.	1.6	14
6	Effective delivery of sonication energy to fast settling and agglomerating nanomaterial suspensions for cellular studies: Implications for stability, particle kinetics, dosimetry and toxicity. <i>NanoImpact</i> , 2018, 10, 81-86.	2.4	47
7	Development of reference metal and metal oxide engineered nanomaterials for nanotoxicology research using high throughput and precision flame spray synthesis approaches. <i>NanoImpact</i> , 2018, 10, 26-37.	2.4	35
8	Analysis of lipid adsorption on nanoparticles by nanoflow liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6155-6164.	1.9	43
9	Graphene Oxide/ZnS:Mn Nanocomposite Functionalized with Folic Acid as a Nontoxic and Effective Theranostic Platform for Breast Cancer Treatment. <i>Nanomaterials</i> , 2018, 8, 484.	1.9	37
10	Mussel-inspired 3D fiber scaffolds for heart-on-a-chip toxicity studies of engineered nanomaterials. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6141-6154.	1.9	66
11	T ₁ - and T ₂ -weighted Magnetic Resonance Dual Contrast by Single Core Truncated Cubic Iron Oxide Nanoparticles with Abrupt Cellular Internalization and Immune Evasion. <i>ACS Applied Bio Materials</i> , 2018, 1, 79-89.	2.3	32
12	Enhanced MRI T ₂ Relaxivity in Contrast-Probed Anchor-Free PEGylated Iron Oxide Nanoparticles. <i>Nanoscale Research Letters</i> , 2017, 12, 312.	3.1	49
13	L-cysteine capped ZnS:Mn quantum dots for room-temperature detection of dopamine with high sensitivity and selectivity. <i>Biosensors and Bioelectronics</i> , 2017, 87, 693-700.	5.3	112
14	Novel magneto-luminescent effect in LSMO/ZnS:Mn nanocomposites at near-room temperature. <i>Nanotechnology</i> , 2016, 27, 085703.	1.3	17
15	Biocompatible ZnS:Mn quantum dots for reactive oxygen generation and detection in aqueous media. <i>Journal of Nanoparticle Research</i> , 2015, 17, 461.	0.8	32
16	Cytocompatibility of direct water synthesized cadmium selenide quantum dots in colo-205 cells. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	3
17	Catalytic effect of ultrananocrystalline Fe ₃ O ₄ on algal bio-crude production via HTL process. <i>Nanoscale</i> , 2015, 7, 17664-17671.	2.8	28
18	Highly-crystalline ⁵⁵ MnS nanosaws. <i>RSC Advances</i> , 2014, 4, 38103-38110.	1.7	40

#	ARTICLE	IF	CITATIONS
19	Single-Crystal MnS Nanowires Conformally Coated with Carbon. ACS Applied Materials & Interfaces, 2014, 6, 1180-1186.	4.0	68
20	Physical properties of bifunctional BST/LSMO nanocomposites. Journal of Applied Physics, 2014, 115, .	1.1	27
21	Carbon nanotubes coated with diamond nanocrystals and silicon carbide by hot-filament chemical vapor deposition below 200 $^{\circ}\text{C}$ substrate temperature. Carbon, 2014, 75, 113-123.	5.4	10
22	Synthesis and transport properties of $\text{La}_{0.67}\text{Sr}_{0.33}\text{MnO}_3$ conformally-coated on carbon nanotubes. Carbon, 2013, 65, 252-260.	5.4	15
23	Stability of the Mn photoluminescence in bifunctional ZnS:0.05Mn nanoparticles. Journal of Applied Physics, 2013, 114, .	1.1	34
24	Bifunctional $\text{Fe}_3\text{O}_4/\text{ZnS:Mn}$ composite nanoparticles. Materials Letters, 2013, 98, 108-111.	1.3	28
25	Magnetoelectric properties of BST/LSMO particulate composites. Materials Research Society Symposia Proceedings, 2011, 1368, 1.	0.1	2