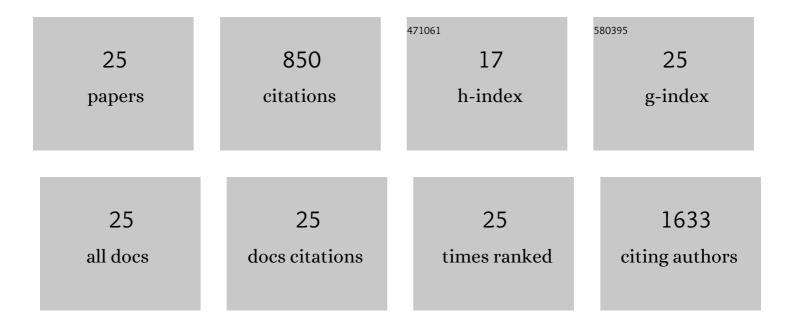
Juan Beltran-Huarac

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Photodynamic Therapeutic Effect of Nanostructured Metal Sulfide Photosensitizers on Cancer Treatment. Nanoscale Research Letters, 2022, 17, 33.	3.1	12
2	Magnetic Control of the Manganese Photoluminescence in Fe ₃ O ₄ / <scp>I</scp> -Cys ZnS:Mn Nanocomposites. ACS Omega, 2021, 6, 7598-7604.	1.6	6
3	Recent Progress in Iron Oxide Nanoparticles as Therapeutic Magnetic Agents for Cancer Treatment and Tissue Engineering. ACS Applied Bio Materials, 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. Particle and Fibre Toxicology, 2019, 16, 40.	2.8	48
5	Controlling the transverse proton relaxivity of magnetic graphene oxide. Scientific Reports, 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. NanoImpact, 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. NanoImpact, 2018, 10, 26-37.	2.4	35
8	Analysis of lipid adsorption on nanoparticles by nanoflow liquid chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 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. Nanomaterials, 2018, 8, 484.	1.9	37
10	Mussel-inspired 3D fiber scaffolds for heart-on-a-chip toxicity studies of engineered nanomaterials. Analytical and Bioanalytical Chemistry, 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. ACS Applied Bio Materials, 2018, 1, 79-89.	2.3	32
12	Enhanced MRI T 2 Relaxivity in Contrast-Probed Anchor-Free PEGylated Iron Oxide Nanoparticles. Nanoscale Research Letters, 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. Biosensors and Bioelectronics, 2017, 87, 693-700.	5.3	112
14	Novel magneto-luminescent effect in LSMO/ZnS:Mn nanocomposites at near-room temperature. Nanotechnology, 2016, 27, 085703.	1.3	17
15	Biocompatible ZnS:Mn quantum dots for reactive oxygen generation and detection in aqueous media. Journal of Nanoparticle Research, 2015, 17, 461.	0.8	32
16	Cytocompatibility of direct water synthesized cadmium selenide quantum dots in colo-205 cells. Journal of Nanoparticle Research, 2015, 17, 1.	0.8	3
17	Catalytic effect of ultrananocrystalline Fe ₃ O ₄ on algal bio-crude production <i>via</i> HTL process. Nanoscale, 2015, 7, 17664-17671.	2.8	28
18	Highly-crystalline γ-MnS nanosaws. RSC Advances, 2014, 4, 38103-38110.	1.7	40

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#	Article	IF	CITATIONS
19	Single-Crystal Î ³ -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 °C substrate temperature. Carbon, 2014, 75, 113-123.	5.4	10
22	Synthesis and transport properties of La0.67Sr0.33MnO3 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 Fe3O4/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