

Diana Fabiola Garcia-Gutierrez

List of Publications by Year in descending order

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13
papers

150
citations

1307366

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h-index

1199470

12
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docs citations

13
times ranked

242
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the Capping Ligand on the Band Gap and Electronic Levels of PbS Nanoparticles through Surface Atomistic Arrangement Determination. ACS Omega, 2018, 3, 393-405.	1.6	49
2	Core-shell PEDOT:PSS-PVP nanofibers containing PbS nanoparticles through coaxial electrospinning. Synthetic Metals, 2016, 220, 255-262.	2.1	18
3	On the role of PbO atoms on the nucleation and growth of PbSe and PbTe nanoparticles. Journal of Nanoparticle Research, 2013, 15, 1.	0.8	15
4	Aberration Corrected STEM Study of the Surface of Lead Chalcogenide Nanoparticles. Journal of Physical Chemistry C, 2014, 118, 22291-22298.	1.5	15
5	Improving performance of perovskites solar cells using solvent engineering, via Lewis adduct of MAI-DMSO-PbI ₂ and incorporation of imidazolium cation. Journal of Alloys and Compounds, 2020, 817, 153076.	2.8	9
6	Absorption and emission in the visible range by ultra-small PbS quantum dots in the strong quantum confinement regime with S-terminated surfaces capped with diphenylphosphine. Journal of Alloys and Compounds, 2021, 860, 158443.	2.8	9
7	Study on photovoltaic stability and performance by incorporating tetrabutyl phosphonium iodide into the active layer of a perovskite type photovoltaic cell. RSC Advances, 2020, 10, 31575-31585.	1.7	8
8	Tuning the optoelectronic properties of PEDOT:PSS-PVP core-shell electrospun nanofibers by solvent-quantum dot doping and phase inversion. Nanotechnology, 2019, 30, 395601.	1.3	7
9	Hybrid films of reduced graphene oxide modified with gold nanorods and its study as surface-enhanced Raman spectroscopy platform. Materials Letters, 2020, 265, 127405.	1.3	7
10	Improving ambient stability of BiI ₃ -based perovskites using different phosphoniums as the organic cation. MRS Communications, 2018, 8, 878-884.	0.8	5
11	Solution processed nanostructured hybrid materials based on PbS quantum dots and reduced graphene oxide with tunable optoelectronic properties. Nanotechnology, 2021, 32, 055604.	1.3	5
12	High-yield synthesis of CsPbBr ₃ nanoparticles: diphenylphosphine as a reducing agent and its effect in Pb-seeding nucleation and growth. Nanotechnology, 2022, 33, 155604.	1.3	2
13	Enhancement of the Optoelectronic Properties of PEDOT: PSS-PbS Nanoparticles Composite Thin Films Through Nanoparticles' Capping Ligand Exchange. Journal of Electronic Materials, 2018, 47, 2718-2730.	1.0	1