

Marina A Leontiadou

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Near-Unity Quantum Yields from Chloride Treated CdTe Colloidal Quantum Dots. <i>Small</i> , 2015, 11, 1548-1554.	5.2	86
2	Experimental determination of the Rashba coefficient in InSb/InAlSb quantum wells at zero magnetic field and elevated temperatures. <i>Journal of Physics Condensed Matter</i> , 2011, 23, 035801.	0.7	35
3	Ultrafast Charge Dynamics in Trap-Free and Surface-Trapping Colloidal Quantum Dots. <i>Advanced Science</i> , 2015, 2, 1500088.	5.6	30
4	Ultrafast Charge Dynamics in Dispersions of Monolayer MoS ₂ Nanosheets. <i>Journal of Physical Chemistry C</i> , 2017, 121, 22415-22421.	1.5	30
5	Influence of elevated radiative lifetime on efficiency of CdSe/CdTe Type II colloidal quantum dot based solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2017, 159, 657-663.	3.0	29
6	The passivating effect of cadmium in PbS/CdS colloidal quantum dots probed by nm-scale depth profiling. <i>Nanoscale</i> , 2017, 9, 6056-6067.	2.8	29
7	Effect of Chloride Passivation on Recombination Dynamics in CdTe Colloidal Quantum Dots. <i>ChemPhysChem</i> , 2015, 16, 1239-1244.	1.0	26
8	Charge dynamics at heterojunctions for PbS/ZnO colloidal quantum dot solar cells probed with time-resolved surface photovoltage spectroscopy. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	24
9	Multiple Exciton Generation and Dynamics in InP/CdS Colloidal Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2017, 121, 2099-2107.	1.5	24
10	Strong dependence of spin dynamics on the orientation of an external magnetic field for InSb and InAs. <i>Applied Physics Letters</i> , 2010, 96, 111107.	1.5	18
11	Photocatalytic hydrogen production by biomimetic indium sulfide using <i>Mimosa pudica</i> leaves as template. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 2770-2783.	3.8	17
12	Energy structure of CdSe/CdTe type II colloidal quantum dots—Do phonon bottlenecks remain for thick shells?. <i>Solar Energy Materials and Solar Cells</i> , 2016, 158, 160-167.	3.0	14
13	Gain Spectroscopy of Solution-Based Semiconductor Nanocrystals in Tunable Optical Microcavities. <i>Advanced Optical Materials</i> , 2016, 4, 285-290.	3.6	12
14	Size dependence of ultrafast charge dynamics in monodisperse Au nanoparticles supported on TiO ₂ colloidal spheres. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 14189.	1.3	11
15	Ultrafast Exciton Dynamics in Cd _x Hg _(1-x) Te alloy Quantum Dots. <i>Chemical Physics</i> , 2016, 469-470, 25-30.	0.9	10
16	Tunable structural and optical properties of CuInS ₂ colloidal quantum dots as photovoltaic absorbers. <i>RSC Advances</i> , 2021, 11, 21351-21358.	1.7	8
17	Manipulation of Spin Dynamics in Semiconductor Structures by Orientation of Small External Magnetic Field. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	0
18	Substantial Temperature Dependence of Transverse Electron g-factor in Lead Chalcogenide Multi-quantum Wells. <i>AIP Conference Proceedings</i> , 2011, , .	0.3	0

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19	Photoluminescence: Near-Unity Quantum Yields from Chloride Treated CdTe Colloidal Quantum Dots (Small 13/2015). Small, 2015, 11, 1482-1482.	5.2	0
20	Gain Spectroscopy and Tunable Single Mode Lasing of Solution-Based Quantum Dots and Nanoplatelets Using Tunable Open Microcavities. , 2016, , .		0
21	CHAPTER 14. Charge Dynamics in Colloidal Quantum Dots: Recombination, Trapping and Multiple Exciton Generation. RSC Nanoscience and Nanotechnology, 0, , 472-507.	0.2	0