

Vitaly Proshchenko

List of Publications by Year in descending order

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docs citations

16
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Physical Properties of Conjugated Nanopore Materials. ACS Symposium Series, 2019, , 293-308.	0.5	0
2	Weak d^0 ferromagnetism: Zn vacancy condensation in ZnS nanocrystals. Journal of Physics Condensed Matter, 2017, 29, 025803.	1.8	3
3	The effect of spatial distribution of Zn vacancies in ZnS quantum dots on optical absorption spectra. Solid State Communications, 2017, 257, 47-49.	1.9	5
4	Tunable bandgap in halogen doped 2D nitrogenated microporous materials. Journal of Applied Physics, 2017, 122, .	2.5	25
5	Zn vacancy ferromagnetism in ZnS nanocrystals. Journal of Magnetism and Magnetic Materials, 2017, 443, 9-12.	2.3	1
6	Dramatic Drop of d^0 Ferromagnetism with ZnO Nanocrystal Size in Vacuum and Air. Journal of Physical Chemistry C, 2017, 121, 19401-19406.	3.1	7
7	Room temperature d^0 ferromagnetism in ZnS nanocrystals. Journal of Applied Physics, 2016, 119, 223901.	2.5	18
8	Surface-Bulk Model for d^0 Ferromagnetism in ZnS Quantum Dots and Wires. Journal of Physical Chemistry C, 2016, 120, 11253-11261.	3.1	14
9	Large enhancement in photocurrent by Mn doping in CdSe/ZTO quantum dot sensitized solar cells. Physical Chemistry Chemical Physics, 2016, 18, 26771-26776.	2.8	14
10	Magnetic effects in Mn-doped CdSe nanocrystals. Physica Status Solidi (B): Basic Research, 2015, 252, 2275-2279.	1.5	11
11	Transition Metal-Doped Semiconductor Quantum Dots: Tunable Emission. ACS Symposium Series, 2015, , 117-135.	0.5	2
12	Optical spectra of CdMnSe of nano-ferro- and antiferro-magnets. Physical Chemistry Chemical Physics, 2015, 17, 26828-26832.	2.8	13
13	Long-lived emission in Mn doped CdS, ZnS, and ZnSe diluted magnetic semiconductor quantum dots. Chemical Physics, 2015, 461, 58-62.	1.9	19
14	Tunable Luminescence in CdSe Quantum Dots Doped by Mn Impurities. Journal of Physical Chemistry C, 2014, 118, 28314-28321.	3.1	27
15	Spectroscopic and electronic structure properties of CdSe nanocrystals: spheres and cubes. Physical Chemistry Chemical Physics, 2014, 16, 7555.	2.8	12
16	Size-dependent density of states and optical spectra of CdSe quantum rods and tubes. Chemical Physics Letters, 2014, 595-596, 250-255.	2.6	5