

# Vitaly Proshchenko

## List of Publications by Year in descending order

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16  
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16  
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16  
times ranked

223  
citing authors

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