

# Anastasia Panfutova

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

186  
citations

1040056

9  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

136  
citing authors

#	ARTICLE	IF	CITATIONS
1	Room-temperature luminescence decay of colloidal semiconductor quantum dots: Nonexponentiality revisited. <i>Annalen Der Physik</i> , 2016, 528, 272-277.	2.4	42
2	Optical limiting as result a of photoinduced electron transfer in hybrid systems with CdSe/ZnS quantum dots, C <sub>60</sub> , and Perylene. <i>Optics Letters</i> , 2012, 37, 3948.	3.3	26
3	The optical limitation effect and features of luminescence kinetics in hybrid nanosystems with CdSe/ZnS quantum dots and organic agents. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014, 116, 941-945.	0.6	12
4	Light quenching and dark states in colloidal solutions of semiconductor CdSe/ZnS quantum dots. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2014, 116, 941-945.	0.6	12
5	Photoinduced variation of the luminescent properties of PbS nanoparticle suspensions stabilized by polyvinylpyrrolidone. <i>Technical Physics Letters</i> , 2015, 41, 65-68.	0.7	11
6	Composite system based on CdSe/ZnS quantum dots and GaAs nanowires. <i>Semiconductors</i> , 2013, 47, 1346-1350.	0.5	10
7	Nonradiative Energy Transfer in Hybrid Nanostructures with Varied Dimensionality. <i>Semiconductors</i> , 2019, 53, 1258-1261.	0.5	10
8	Dynamics of optical response of solutions of pseudoisocyanine J aggregates upon pico- and subnanosecond excitation. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2011, 110, 871-879.	0.6	9
9	Specific features of resonant nonlinear absorption in colloidal solutions of CdSe/ZnS quantum dots. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015, 118, 94-98.	0.6	9
10	Transient processes under excitation of ultrashort laser pulses in colloidal solutions of CdSe/ZnS quantum dots. <i>Applied Optics</i> , 2018, 57, 8166.	1.8	9
11	Excitons recombination investigation in CdSe/ZnS quantum dots solutions by pump-probe technique. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2017, 123, 164-167.	0.6	7
12	Nonlinear Optical Properties of CdS/ZnS Quantum Dots in a High-Molecular-Weight Polyvinylpyrrolidone Matrix. <i>Semiconductors</i> , 2018, 52, 997-1003.	0.5	7
13	Optical limiting of laser radiation and light quenching in colloidal solutions of CdSe/ZnS semiconductor quantum dots and hybrid systems. <i>Russian Journal of Physical Chemistry B</i> , 2015, 9, 561-564.	1.3	6
14	Influence of TOPO and TOPO-CdSe/ZnS Quantum Dots on Luminescence Photodynamics of InP/InAsP/InPHeterostructure Nanowires. <i>Nanomaterials</i> , 2021, 11, 640.	4.1	4
15	Optical limiting in solutions of InP and GaAs nanowires and hybrid systems based on such nanocrystals. <i>Technical Physics Letters</i> , 2015, 41, 120-123.	0.7	3
16	The Influence of Polyvinylpyrrolidone Molecular Weight on the Structure and the Spectral and Nonlinear Optical Properties of Composite Materials with CdS/ZnS Nanoparticles. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2018, 125, 640-645.	0.6	3
17	Stretch exponential luminescence decay of CdSe/ZnS quantum dots in colloidal solutions. <i>Optics and Spectroscopy (English Translation of Optika I Spektroskopiya)</i> , 2015, 118, 99-102.	0.6	2
18	Nonlinear optical properties of hybridized CdS/ZnS-PVP sols. <i>Journal of Physics: Conference Series</i> , 2017, 917, 062044.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Photodynamics of Nonlinear Effects of Picosecond Laser Action on CdSe/ZnS QDs Colloidal Solutions. Optics and Spectroscopy (English Translation of Optika I Spektroskopiya), 2018, 125, 716-721.	0.6	1
20	Two models of optical limiting by ps- and ns-laser pulses in CdSe/ZnS quantum dots. , 2018, , .		0
21	Spectrographs for ultraviolet and vacuum ultraviolet regions of the spectrum with cross-dispersion and method of alignment. Journal of Optical Technology (A Translation of Opticheskii Zhurnal), 2017, 84, 252.	0.4	0