

Alexander N Reznitsky

List of Publications by Year in descending order

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papers

891
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687363

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41
all docs

41
docs citations

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times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of disorder on the optical spectra of wide-gap II-VI semiconductor solid solutions. Journal of Luminescence, 1992, 52, 201-223.	3.1	164
2	Localized Excitons in CdS _{1-x} Se _x Solid Solutions. Physica Status Solidi (B): Basic Research, 1982, 113, 589-600.	1.5	150
3	Localization of excitons and Anderson transition in ZnSe _{1-x} Te _x solid solutions. Solid State Communications, 1984, 52, 13-16.	1.9	69
4	Luminescence spectra and kinetics of disordered solid solutions. Physical Review B, 1999, 59, 12947-12972.	3.2	65
5	Dynamics of Excitons in CdS, CdSe, and CdS _{1-x} Se _x . Physica Status Solidi (B): Basic Research, 1992, 172, 479-519.	1.5	59
6	Temperature dependence of photoluminescence bands in Zn _{1-x} Cd _x Se/ZnSe quantum wells with planar CdSe islands. Physical Review B, 2004, 69, .	3.2	59
7	Exciton mobility edge in CdS _{1-x} Se _x solid solutions. Solid State Communications, 1983, 47, 5-9.	1.9	48
8	Exciton absorption in CdS _{1-x} Se _x and ZnSe _{1-x} Te _x solid solutions. Journal of Crystal Growth, 1990, 101, 713-717.	1.5	29
9	Emission of Localized Excitons in Mixed CdS _{1-x} Se _x Crystals. Physica Status Solidi (B): Basic Research, 1981, 106, K57.	1.5	18
10	Picosecond time-resolved luminescence of localized excitons in CdS _{1-x} Se _x . Journal of Luminescence, 1987, 39, 111-116.	3.1	18
11	Localisation of excitons at small Te clusters in diluted ZnSe _{1-x} Te _x solid solutions. Journal of Physics Condensed Matter, 1989, 1, 5125-5137.	1.8	18
12	Time-resolved luminescence due to localized excitons in mixed crystals. Journal of Luminescence, 1987, 38, 79-80.	3.1	16
13	Recombination of Alloy-Trapped Excitons in Ternary Solid Solutions with Common Cation Components. Physica Status Solidi (B): Basic Research, 1994, 184, 159-170.	1.5	16
14	Spectroscopic Evidence for the Exciton Percolation Threshold in Low-Dimensional ZnCdSe Solutions with Nano-Islands. Physica Status Solidi (B): Basic Research, 2002, 229, 509-512.	1.5	14
15	The electron-hole plasma in cubic ZnTe and ZnSe crystals. Journal of Crystal Growth, 1990, 101, 734-738.	1.5	13
16	Disorder-induced exciton localization in 2D wide-gap semiconductor solid solutions. Journal of Luminescence, 2002, 100, 243-257.	3.1	13
17	Exciton luminescence from fluctuation-induced tails in the density of states of disordered solid solutions. Physics of the Solid State, 1997, 39, 1035-1046.	0.6	11
18	Temperature dependence of photoluminescence intensity of self-assembled CdTe quantum dots in the ZnTe matrix under different excitation conditions. Physics of the Solid State, 2012, 54, 123-133.	0.6	11

#	ARTICLE	IF	CITATIONS
19	Hopping and low-temperature photoluminescence in solid solutions and amorphous semiconductors. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1992, 65, 733-737.	0.6	10
20	Selective excitation of localised excitons in ZnSe _{1-x} Te solid solutions. Journal of Physics C: Solid State Physics, 1988, 21, 5139-5147.	1.5	9
21	Picosecond transient gratings in CdS _{1-x} Se mixed crystals. Journal of Crystal Growth, 1990, 101, 678-682.	1.5	8
22	Epitaxial growth and photoluminescence of hexagonal CdS _{1-x} Se alloy films. Journal of Crystal Growth, 1995, 146, 414-417.	1.5	8
23	Exciton states and spin relaxation in CdSe/ZnSe self-organized quantum dots. Semiconductor Science and Technology, 2008, 23, 114010.	2.0	7
24	Phonon sidebands in luminescence spectra of alloy-trapped excitons in disordered solid solutions. Journal of Crystal Growth, 1996, 159, 848-852.	1.5	6
25	OPTICAL SPECTROSCOPY OF 2D NANOISLANDS IN QUANTUM WELLS: LATERAL ISLAND PROFILES AND NATURE OF EMITTING STATES. International Journal of Nanoscience, 2007, 06, 305-310.	0.7	6
26	Dynamics of band filling and of stimulated emission in CdS _{1-x} Se and Zn _{1-x} CdS alloys. Journal of Crystal Growth, 1996, 159, 788-792.	1.5	5
27	Exciton Dephasing, Polariton Propagation and Quantum Beats in CdS _{1-x} Se. Physica Status Solidi (B): Basic Research, 2000, 221, 485-490.	1.5	5
28	Luminescence spectra of CdSe/ZnSe double layers of quantum dots. Physica Status Solidi C: Current Topics in Solid State Physics, 2009, 6, 2695-2697.	0.8	5
29	Evidence for persistence of free and impurity-bound excitons in Se rich CdS _{1-x} Se alloys. Journal of Luminescence, 1988, 39, 269-274.	3.1	4
30	Exciton and pair recombination through alloy-trapped states in CdS _{1-x} Se and ZnSe _{1-x} Te solid solutions. Journal of Luminescence, 1991, 47, 297-301.	3.1	4
31	Fluctuation states and optical spectra of solid solutions with a strong isoelectronic perturbation. Journal of Experimental and Theoretical Physics, 1999, 88, 574-585.	0.9	4
32	Spin relaxation times of exciton states in ZnCdSe/ZnSe low dimensional heterostructures. Physica E: Low-Dimensional Systems and Nanostructures, 2001, 10, 315-319.	2.7	4
33	Diffusion of excitons in CdS-Se and ZnSe-Te solid solutions at high excitation levels. Physics of the Solid State, 1998, 40, 821-822.	0.6	3
34	Fine Structure and Spin Relaxation of Excitons Localized at CdSe Sub-Monolayer Insertions in a ZnSe Matrix. Physica Status Solidi (B): Basic Research, 2001, 224, 545-549.	1.5	3
35	Exciton dynamics in ZnCdSe/ZnSe quantum-well structures. Physics of the Solid State, 1998, 40, 743-744.	0.6	2
36	Exciton localization in bulk and two-dimensional wide-gap II-VI solid solutions. Journal of Alloys and Compounds, 2004, 371, 48-52.	5.5	2

#	ARTICLE	IF	CITATIONS
37	Temperature quenching of PL intensity and mechanisms of carrier recombination in CdTe/ZnTe self-assembled quantum dots. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2012, 9, 1624-1626.	0.8	2
38	Excitons in superlattices grown by photomodulated MOCVD. <i>Journal of Crystal Growth</i> , 1996, 159, 475-479.	1.5	1
39	Optical and thermal orientation of localized excitons in solid solutions under resonant excitation in a longitudinal magnetic field. <i>Physics of the Solid State</i> , 1998, 40, 829-830.	0.6	1
40	Optical spectra and a tail in the density of states of the disordered solid solution ZnSe $_{1-x}$ C $_x$ Te. <i>Physics of the Solid State</i> , 1998, 40, 1290-1294.	0.6	1
41	<title>Exciton states of nano-islands in ZnCdSe quantum wells</title>. , 2002, , .		0