Alexander Kalameitsev

List of Publications by Year
in descending order

23	489	840776 11	752698 20
papers	citations	h-index	g-index

24	24	24	448
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical properties of a semiconductor quantum dot with a single magnetic impurity: photoinduced spin orientation. Physical Review B, 2005, 71, .	3.2	98
2	Charge Conveyance and Nonlinear Acoustoelectric Phenomena for Intense Surface Acoustic Waves on a Semiconductor Quantum Well. Physical Review Letters, 1999, 82, 2171-2174.	7.8	89
3	Magneto-optical properties of charged excitons in quantum dots. Physical Review B, 2002, 66, .	3.2	63
4	Magnetoexcitons in type-II quantum dots. JETP Letters, 1998, 68, 669-672.	1.4	51
5	Excitons in quantum-ring structures in a magnetic field: optical properties and persistent currents. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 13, 297-300.	2.7	31
6	Valley Acoustoelectric Effect. Physical Review Letters, 2019, 122, 256801.	7.8	31
7	Nonlinear acoustoelectric transport in a two-dimensional electron system. Physical Review B, 2000, 62, 2659-2668.	3.2	22
8	Spin-dependent transport of electrons in the presence of a smooth lateral potential and spin-orbit interaction. Physical Review B, 2004, 70, .	3.2	21
9	Nonlinear Charge Spreading Visualized in Voltage-Controlled Lateral Superlattices. Physical Review Letters, 2002, 88, 036803.	7.8	17
10	Magnetoexcitons in quantum-ring structures: a novel magnetic interference effect. Physica E: Low-Dimensional Systems and Nanostructures, 2002, 12, 790-793.	2.7	14
11	Self-Induced Acoustic Transparency in Semiconductor Quantum Films. Physical Review Letters, 2001, 87, 226803.	7.8	12
12	Acoustoelectric effect in two-dimensional Dirac materials exposed to Rayleigh surface acoustic waves. Physical Review B, 2020, 102, .	3.2	9
13	Enhancement of the nonlinear acoustoelectric interaction in a photoexcited plasma in a quantum well. JETP Letters, 2000, 72, 190-194.	1.4	8
14	Acoustomagnetoelectric effect in two-dimensional materials: Geometric resonances and Weiss oscillations. Physical Review B, 2020, 102, .	3.2	7
15	Charged excitons in quantum dots: novel magnetic behavior and Auger processes. Physica E: Low-Dimensional Systems and Nanostructures, 2004, 20, 295-299.	2.7	5
16	Polaron in an electronâ€“exciton structure under the conditions of the Boseâ€“Einstein condensation. JETP Letters, 2017, 106, 522-525.	1.4	4
17	Full-Optical Characterization of Thin Films in Photovoltaic Cells. Materials Research Society Symposia Proceedings, 1996, 426, 587.	0.1	2
18	Magnetoexcitons in core/shell quantum dots. JETP Letters, 2014, 100, 177-180.	1.4	2

#	Article	IF	Citations
19	Polaron Shift of the Levels of a Quantum Wire in a Hybrid Structure with a Boseâ€”Einstein Condensate. JETP Letters, 2019, 109, 198-202.	1.4	2
20	Negative differential resistivity of a nonideal Schottky barrier based on indium arsenide. Semiconductors, 1997, 31, 308-314.	0.5	1
21	Nonlinear acoustoelectric and acoustooptic effects in semiconductor layered systems. , 0, , .		0
22	Maxwell relaxation of excitons in double quantum wells. JETP Letters, 2009, 89, 448-450.	1.4	0
23	Interaction between Electrons and Dipole Excitons in Two-Dimensional Systems (Scientific Summary). JETP Letters, 2019, 109, 806-815.	1.4	0