

Alexander Kalameitsev

List of Publications by Year in descending order

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23
papers

489
citations

840776

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24
all docs

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docs citations

24
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustomagnetolectric effect in two-dimensional materials: Geometric resonances and Weiss oscillations. <i>Physical Review B</i> , 2020, 102, .	3.2	7
2	Acoustoelectric effect in two-dimensional Dirac materials exposed to Rayleigh surface acoustic waves. <i>Physical Review B</i> , 2020, 102, .	3.2	9
3	Polaron Shift of the Levels of a Quantum Wire in a Hybrid Structure with a Bose-Einstein Condensate. <i>JETP Letters</i> , 2019, 109, 198-202.	1.4	2
4	Valley Acoustoelectric Effect. <i>Physical Review Letters</i> , 2019, 122, 256801.	7.8	31
5	Interaction between Electrons and Dipole Excitons in Two-Dimensional Systems (Scientific Summary). <i>JETP Letters</i> , 2019, 109, 806-815.	1.4	0
6	Polaron in an electron-exciton structure under the conditions of the Bose-Einstein condensation. <i>JETP Letters</i> , 2017, 106, 522-525.	1.4	4
7	Magnetoexcitons in core/shell quantum dots. <i>JETP Letters</i> , 2014, 100, 177-180.	1.4	2
8	Maxwell relaxation of excitons in double quantum wells. <i>JETP Letters</i> , 2009, 89, 448-450.	1.4	0
9	Optical properties of a semiconductor quantum dot with a single magnetic impurity: photoinduced spin orientation. <i>Physical Review B</i> , 2005, 71, .	3.2	98
10	Spin-dependent transport of electrons in the presence of a smooth lateral potential and spin-orbit interaction. <i>Physical Review B</i> , 2004, 70, .	3.2	21
11	Charged excitons in quantum dots: novel magnetic behavior and Auger processes. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2004, 20, 295-299.	2.7	5
12	Nonlinear Charge Spreading Visualized in Voltage-Controlled Lateral Superlattices. <i>Physical Review Letters</i> , 2002, 88, 036803.	7.8	17
13	Magneto-optical properties of charged excitons in quantum dots. <i>Physical Review B</i> , 2002, 66, .	3.2	63
14	Magnetoexcitons in quantum-ring structures: a novel magnetic interference effect. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 12, 790-793.	2.7	14
15	Excitons in quantum-ring structures in a magnetic field: optical properties and persistent currents. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2002, 13, 297-300.	2.7	31
16	Self-Induced Acoustic Transparency in Semiconductor Quantum Films. <i>Physical Review Letters</i> , 2001, 87, 226803.	7.8	12
17	Enhancement of the nonlinear acoustoelectric interaction in a photoexcited plasma in a quantum well. <i>JETP Letters</i> , 2000, 72, 190-194.	1.4	8
18	Nonlinear acoustoelectric transport in a two-dimensional electron system. <i>Physical Review B</i> , 2000, 62, 2659-2668.	3.2	22

#	ARTICLE	IF	CITATIONS
19	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
20	Magnetoexcitons in type-II quantum dots. JETP Letters, 1998, 68, 669-672.	1.4	51
21	Negative differential resistivity of a nonideal Schottky barrier based on indium arsenide. Semiconductors, 1997, 31, 308-314.	0.5	1
22	Full-Optical Characterization of Thin Films in Photovoltaic Cells. Materials Research Society Symposia Proceedings, 1996, 426, 587.	0.1	2
23	Nonlinear acoustoelectric and acoustooptic effects in semiconductor layered systems. , 0, , .		0