

Bastard

List of Publications by Year in descending order

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23
papers

4,503
citations

394390

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642715

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docs citations

23
times ranked

2106
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoluminescence of Single InAs Quantum Dots Obtained by Self-Organized Growth on GaAs. Physical Review Letters, 1994, 73, 716-719.	7.8	1,053
2	Phonon scattering and energy relaxation in two-, one-, and zero-dimensional electron gases. Physical Review B, 1990, 42, 8947-8951.	3.2	942
3	Electric-Field-Induced Localization and Oscillatory Electro-optical Properties of Semiconductor Superlattices. Physical Review Letters, 1988, 60, 220-223.	7.8	441
4	Evaluation of some scattering times for electrons in unbiased and biased single- and multiple-quantum-well structures. Physical Review B, 1989, 40, 1074-1086.	3.2	382
5	Resonant carrier capture by semiconductor quantum wells. Physical Review B, 1986, 33, 1420-1423.	3.2	226
6	Electric-field-induced dissociation of excitons in semiconductor quantum wells. Physical Review B, 1985, 31, 3893-3898.	3.2	197
7	Observation of Carrier Localization in Intentionally Disordered GaAs/GaAlAs Superlattices. Physical Review Letters, 1986, 57, 1464-1467.	7.8	183
8	Interband absorption in quantum wires. I. Zero-magnetic-field case. Physical Review B, 1992, 45, 1688-1699.	3.2	180
9	Many-Body Effects in a Modulation-Doped Semiconductor Quantum Well. Physical Review Letters, 1987, 59, 2690-2692.	7.8	162
10	Spin-flip scattering of holes in semiconductor quantum wells. Physical Review B, 1991, 43, 9687-9691.	3.2	158
11	Size quantization and band-offset determination in GaAs-GaAlAs separate confinement heterostructures. Physical Review B, 1985, 31, 5539-5542.	3.2	105
12	Subpicosecond luminescence study of tunneling and relaxation in coupled quantum wells. Physical Review B, 1990, 42, 7021-7032.	3.2	81
13	Spectroscopy of a high-mobility GaAs-Ga _{1-x} Al _x As one-side-modulation-doped quantum well. Physical Review B, 1986, 34, 2482-2485.	3.2	69
14	Spin-flip relaxation time of conduction electrons in Cd _{1-x} Mn _x Te quantum wells. Physical Review B, 1990, 41, 7899-7902.	3.2	57
15	Interband absorption in quantum wires. II. Nonzero-magnetic-field case. Physical Review B, 1992, 45, 1700-1704.	3.2	57
16	Hole polarization and slow hole-spin relaxation in an-doped quantum-well structure. Physical Review B, 1992, 46, 7292-7295.	3.2	50
17	Miniband dispersion and excitonic effects on the optical spectra of GaAs/Al _x Ga _{1-x} As superlattices. Physical Review B, 1989, 40, 5802-5805.	3.2	40
18	Transient photovoltaic effect in semiconductor superlattices. Physical Review B, 1986, 33, 1063-1066.	3.2	30

#	ARTICLE	IF	CITATIONS
19	Spin-flip relaxation time of quantum-well electrons in a strong magnetic field. Physical Review B, 1992, 46, 4253-4256.	3.2	25
20	Dimensionality effects on the interband magnetoabsorption of semiconductor superlattices. Physical Review B, 1990, 42, 11404-11407.	3.2	22
21	Wannier-Stark levels in the valence band of semiconductor multiple quantum wells. Physical Review B, 1988, 38, 8406-8411.	3.2	21
22	Density dependence of radiative and nonradiative recombination rates in a gated GaAs/Ga _{1-x} Al _x modulation-doped quantum well. Physical Review B, 1989, 39, 13537-13540.	3.2	13
23	Exciton capture by shallow quantum wells in separate confinement heterostructures. Physical Review B, 1996, 54, 5629-5636.	3.2	9