

Shiue-Yuan Shiau

List of Publications by Year in descending order

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39
papers

411
citations

840119

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839053

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g-index

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all docs

40
docs citations

40
times ranked

500
citing authors

#	ARTICLE	IF	CITATIONS
19	Crossover from trion-hole complex to exciton-polaron in n -doped two-dimensional semiconductor quantum wells. <i>Physical Review B</i> , 2018, 98, .	1.1	40
20	Way to observe the implausible "trion-polariton". <i>Europhysics Letters</i> , 2017, 117, 57001.	0.7	7
21	Effect of Pauli blocking on coherent states of composite bosons. <i>Physical Review A</i> , 2017, 95, .	1.0	1
22	Quasiparticle Interference on Cubic Perovskite Oxide Surfaces. <i>Physical Review Letters</i> , 2017, 119, 086801.	2.9	19
23	Scattering amplitudes for dark and bright excitons. <i>Europhysics Letters</i> , 2017, 118, 47007.	0.7	3
24	Correlated-pair approach to composite-boson scattering lengths. <i>Physical Review A</i> , 2016, 94, .	1.0	8
25	Cancellation of the N -composite-boson correlation energy under a BCS-like potential: A dimensionality-dependent effect. <i>Physical Review A</i> , 2016, 94, .	1.0	0
26	Coboson many-body formalism for cold-atom dimers with attraction between different fermion species only. <i>Physical Review A</i> , 2016, 93, .	1.0	14
27	Correlation energy for elementary bosons: Physics of the singularity. <i>Annals of Physics</i> , 2016, 367, 33-49.	1.0	0
28	Partition function of N composite bosons. <i>Annals of Physics</i> , 2015, 360, 268-292.	1.0	0
29	Electronic structure and absorption spectrum of biexciton obtained by using exciton basis. <i>Annals of Physics</i> , 2013, 336, 309-330.	1.0	11
30	Photon-modulated multiple-state memory cell in Josephson junction systems. <i>Journal of Applied Physics</i> , 2013, 114, 074507.	1.1	2
31	Trion ground state, excited states, and absorption spectrum using electron-exciton basis. <i>Physical Review B</i> , 2012, 86, .	1.1	30
32	Theory of spin blockade, charge ratchet effect, and thermoelectrical behavior in serially coupled quantum dot system. <i>Physical Review B</i> , 2011, 84, .	1.1	28
33	Finite Temperature Formalism for Composite Quantum Particles. <i>Physical Review Letters</i> , 2011, 106, 206403.	2.9	16
34	Bistability in the Tunnelling Current through a Ring of N Coupled Quantum Dots. <i>Journal of the Physical Society of Japan</i> , 2011, 80, 114717.	0.7	0
35	Anderson model out of equilibrium: Decoherence effects in transport through a quantum dot. <i>Physical Review B</i> , 2010, 81, .	1.1	38
36	Spin-valley Kondo effect in multielectron Si quantum dots. <i>Physical Review B</i> , 2007, 76, .	1.1	5

#	ARTICLE	IF	CITATIONS
37	Valley Kondo effect in silicon quantum dots. <i>Physical Review B</i> , 2007, 75, .	1.1	20
38	Evidence for factorization in three-body $\overline{B} \rightarrow D^{(*)} K^{\pm} K^0$ decays. <i>European Physical Journal C</i> , 2004, 33, s253-s255.	1.4	4
39	Evidence for factorization in three-body $B \rightarrow D^{(*)} K^{\pm} K^0$ decays. <i>Physical Review D</i> , 2003, 67, .	1.6	22