

# Shiue-Yuan Shiau

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

411  
citations

840119

11  
h-index

839053

18  
g-index

40  
all docs

40  
docs citations

40  
times ranked

500  
citing authors



#	ARTICLE	IF	CITATIONS
19	Spin-valley Kondo effect in multielectron Si quantum dots. <i>Physical Review B</i> , 2007, 76, .	1.1	5
20	Evidence for factorization in three-body $\overline{B}_D^{(*)}, K^-, K^0$ decays. <i>European Physical Journal C</i> , 2004, 33, s253-s255.	1.4	4
21	Composite boson signature in the interference pattern of atomic dimer condensates. <i>New Journal of Physics</i> , 2019, 21, 043041.	1.2	4
22	Fast Real-Space Imaging of the Exciton Complexes in WSe <sub>2</sub> and WS <sub>2</sub> Monolayers Using Multiphoton Microscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 7979-7987.	1.5	4
23	Signature of electromagnetic quantum fluctuations in exciton physics. <i>Europhysics Letters</i> , 2022, 138, 36002.	0.7	4
24	Understanding semiconductor valence mass. <i>Physical Review B</i> , 2020, 101, .	1.1	3
25	Scattering amplitudes for dark and bright excitons. <i>Europhysics Letters</i> , 2017, 118, 47007.	0.7	3
26	Missing Understanding of the Phase Factor between Valence-Electron and Hole Operators. <i>Semiconductors</i> , 2021, 55, 790-794.	0.2	3
27	Photon-modulated multiple-state memory cell in Josephson junction systems. <i>Journal of Applied Physics</i> , 2013, 114, 074507.	1.1	2
28	Photocreation of a dark electron-hole pair in a quantum dot. <i>Physical Review B</i> , 2020, 101, .	1.1	2
29	Exploring the change of semiconductor hole mass under Coulomb scattering. <i>Physical Review B</i> , 2021, 104, .	1.1	2
30	Effect of Pauli blocking on coherent states of composite bosons. <i>Physical Review A</i> , 2017, 95, .	1.0	1
31	Near-field spectroscopic imaging of exciton quenching at atomically sharp MoS <sub>2</sub> /WS <sub>2</sub> lateral heterojunctions. <i>Nanoscale</i> , 2022, , .	2.8	1
32	Visualization of Band Shifting and Interlayer Coupling in W <sub>x</sub> Mo <sub>1-x</sub> S <sub>2</sub> Alloys Using Near-Field Broadband Absorption Microscopy. <i>ACS Nano</i> , 2022, , .	7.3	1
33	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
34	Partition function of N composite bosons. <i>Annals of Physics</i> , 2015, 360, 268-292.	1.0	0
35	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
36	Correlation energy for elementary bosons: Physics of the singularity. <i>Annals of Physics</i> , 2016, 367, 33-49.	1.0	0

#	ARTICLE	IF	CITATIONS
37	Coboson many-body formalism for atomâ€™ dimer scattering length. Annals of Physics, 2019, 400, 366-382.	1.0	0
38	From hybrid polariton to dipolariton using non-Hermitian Hamiltonians to handle particle lifetimes. Physical Review B, 2022, 105, .	1.1	0
39	From spherical to periodic symmetry: the analog of orbital angular momentum for semiconductor crystals. Journal of Physics Condensed Matter, 2022, 34, 205502.	0.7	0