Yi Huang

List of Publications by Year
in descending order

14	182	1478505 6	1125743 13
papers	citations	h-index	g-index

14	14	14	214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Anderson transition in three-dimensional systems with non-Hermitian disorder. Physical Review B, 2020, 101, .	3.2	66
2	Symmetry-breaking dynamics of the finite-size Lipkin-Meshkov-Glick model near ground state. Physical Review A, 2018, 97, .	2.5	28
3	Room-temperature magnetism and tunable energy gaps in edge-passivated zigzag graphene quantum dots. Npj 2D Materials and Applications, 2019, 3, .	7.9	25
4	Spectral rigidity of non-Hermitian symmetric random matrices near the Anderson transition. Physical Review B, 2020, 102, .	3.2	17
5	Disorder effects in topological insulator thin films. Physical Review B, 2021, 103, .	3.2	8
6	Conductivity of two-dimensional narrow gap semiconductors subjected to strong Coulomb disorder. Physical Review B, 2022, 105, .	3.2	8
7	Classical and quantum time crystals in a levitated nanoparticle without drive. Physical Review A, 2020, 102, .	2.5	6
8	Metal-insulator transition in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mi>n</mml:mi></mml:math> -type bulk crystals and films of strongly compensated <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mi>SrTiO</mml:mi><mml:mn>3</mml:mn></mml:msub></m Physical Review Materials, 2021, 5, .	2.4	6
9	Disorder effects in topological insulator nanowires. Physical Review B, 2021, 104, .	3.2	6
10	Resistivity anisotropy of quantum Hall stripe phases. Physical Review B, 2019, 100, .	3.2	4
11	Scattering mechanisms in state-of-the-art GaAs/AlGaAs quantum wells. Physical Review Materials, 2022, 6, .	2.4	4
12	Isotropically conducting (hidden) quantum Hall stripe phases in a two-dimensional electron gas. Physical Review B, 2020, 101, .	3.2	3
13	Hidden Quantum Hall Stripes in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mrow><mml:msub><mml:mrow><mml:mi>Al</mml:mi></mml:mrow><mml:mrow><mml:mi>x</ Physical Review Letters, 2020, 125, 236803.	7.8	1
14	Plasmons in semiconductor and topological insulator wires with large dielectric constant. Low Temperature Physics, 2022, 48, 470-475.	0.6	0