

Yao-Dong Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,917
citations

361296

20
h-index

677027

22
g-index

22
all docs

22
docs citations

22
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Zeno effect and the many-body entanglement transition. <i>Physical Review B</i> , 2018, 98, .	1.1	331
2	Measurement-driven entanglement transition in hybrid quantum circuits. <i>Physical Review B</i> , 2019, 100, .	1.1	269
3	Evidence for a spinon Fermi surface in a triangular-lattice quantum-spin-liquid candidate. <i>Nature</i> , 2016, 540, 559-562.	13.7	259
4	Weyl magnons in breathing pyrochlore antiferromagnets. <i>Nature Communications</i> , 2016, 7, 12691.	5.8	168
5	Anisotropic spin model of strong spin-orbit-coupled triangular antiferromagnets. <i>Physical Review B</i> , 2016, 94, .	1.1	108
6	Statistical mechanics of quantum error correcting codes. <i>Physical Review B</i> , 2021, 103, .	1.1	93
7	Emergent conformal symmetry in nonunitary random dynamics of free fermions. <i>Physical Review Research</i> , 2020, 2, .	1.3	87
8	Conformal invariance and quantum nonlocality in critical hybrid circuits. <i>Physical Review B</i> , 2021, 104, .	1.1	74
9	Spinon Fermi surface $U(1)$ spin liquid in the spin-orbit-coupled triangular-lattice Mott insulator $YbMgGaO_4$. <i>Physical Review B</i> , 2017, 96, .	1.1	58
10	Symmetry enriched $U(1)$ topological orders for dipole-octupole doublets on a pyrochlore lattice. <i>Physical Review B</i> , 2017, 95, .	1.1	56
11	Entanglement Negativity at Measurement-Induced Criticality. <i>PRX Quantum</i> , 2021, 2, .	3.5	55
12	Fractionalized excitations in the partially magnetized spin liquid candidate $YbMgGaO_4$. <i>Nature Communications</i> , 2018, 9, 4138.	5.8	49
13	Kitaev materials beyond iridates: Order by quantum disorder and Weyl magnons in rare-earth double perovskites. <i>Physical Review B</i> , 2017, 95, .	1.1	47
14	Intertwined dipolar and multipolar order in the triangular-lattice magnet $TmMgGaO_4$. <i>Nature Communications</i> , 2019, 10, 4530.	5.8	44
15	Effect of spin-orbit coupling on the effective-spin correlation in $YbMgGaO_4$. <i>Physical Review B</i> , 2018, 97, .	1.1	38
16	Exact solutions and spacetime singularities in nonlocal gravity. <i>Journal of High Energy Physics</i> , 2015, 2015, 1-50.	1.6	38
17	Detecting spin fractionalization in a spinon Fermi surface spin liquid. <i>Physical Review B</i> , 2017, 96, .	1.1	38
18	Hidden multipolar orders of dipole-octupole doublets on a triangular lattice. <i>Physical Review B</i> , 2016, 94, .	1.1	33

#	ARTICLE	IF	CITATIONS
19	Pyrochlore U(1) spin liquid of mixed-symmetry enrichments in magnetic fields. Physical Review Research, 2020, 2, .	1.3	22
20	Selective measurements of intertwined multipolar orders: Non-Kramers doublets on a triangular lattice. Physical Review B, 2018, 98, .	1.1	21
21	Entanglement phase transitions in random stabilizer tensor networks. Physical Review B, 2022, 105, .	1.1	19
22	Non-Kitaev spin liquids in Kitaev materials. Physical Review B, 2019, 99, .	1.1	8