

Daniel E Parker

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

934
citations

687363

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940533

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16
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16
times ranked

760
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional Chern insulators in magic-angle twisted bilayer graphene. <i>Nature</i> , 2021, 600, 439-443.	27.8	158
2	A Universal Operator Growth Hypothesis. <i>Physical Review X</i> , 2019, 9, .	8.9	153
3	Diagrammatic approach to nonlinear optical response with application to Weyl semimetals. <i>Physical Review B</i> , 2019, 99, .	3.2	110
4	Resonance-enhanced optical nonlinearity in the Weyl semimetal TaAs. <i>Physical Review B</i> , 2018, 98, .	3.2	83
5	Unconventional sequence of correlated Chern insulators in magic-angle twisted bilayer graphene. <i>Nature Physics</i> , 2021, 17, 1210-1215.	16.7	78
6	Efficient simulation of moiré materials using the density matrix renormalization group. <i>Physical Review B</i> , 2020, 102, .	3.2	76
7	Gapless Symmetry-Protected Topological Order. <i>Physical Review X</i> , 2017, 7, .	8.9	73
8	Strain-Induced Quantum Phase Transitions in Magic-Angle Graphene. <i>Physical Review Letters</i> , 2021, 127, 027601.	7.8	67
9	Topological Luttinger liquids from decorated domain walls. <i>Physical Review B</i> , 2018, 97, .	3.2	40
10	Hedgehog bases for A_n cluster polylogarithms and an application to six-point amplitudes. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	17
11	Laser-induced Breakdown Spectroscopy and ablation threshold analysis using a megahertz Yb fiber laser oscillator. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2015, 107, 146-151.	2.9	17
12	Topologically Protected Long Edge Coherence Times in Symmetry-Broken Phases. <i>Physical Review Letters</i> , 2019, 122, 240605.	7.8	14
13	Local matrix product operators: Canonical form, compression, and control theory. <i>Physical Review B</i> , 2020, 102, .	3.2	14
14	Half-magnetization plateau and the origin of threefold symmetry breaking in an electrically switchable triangular antiferromagnet. <i>Physical Review Research</i> , 2020, 2, .	3.6	14
15	Unusual magnetotransport in twisted bilayer graphene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2118482119.	7.1	13
16	Entanglement entropy in excited states of the quantum Lifshitz model. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2017, 50, 254003.	2.1	7