

Daniel E Parker

List of Publications by Year in descending order

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16
papers

934
citations

687363

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940533

16
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16
all docs

16
docs citations

16
times ranked

760
citing authors

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