

Vladimir Juricic

List of Publications by Year in descending order

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67
papers

3,063
citations

218677

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155660

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docs citations

69
times ranked

2336
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlling Majorana modes by p -wave pairing in two-dimensional topological superconductors. <i>Physical Review Research</i> , 2022, 4, .	3.6	4
2	Engineering holographic flat fermionic bands. <i>Physical Review D</i> , 2022, 105, .	4.7	3
3	Hierarchy of higher-order Floquet topological phases in three dimensions. <i>Physical Review B</i> , 2021, 103, .	3.2	42
4	Topoelectric circuits: Theory and construction. <i>Physical Review Research</i> , 2021, 3, .	3.6	46
5	Towards holographic flat bands. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	8
6	Dynamically induced magnetism in $KTaO_3$. <i>Physical Review Research</i> , 2021, 3, .	3.6	21
7	Dislocation as a bulk probe of higher-order topological insulators. <i>Physical Review Research</i> , 2021, 3, .	3.6	24
8	Thermal magnetic fluctuations of a ferroelectric quantum critical point. <i>Journal of Physics Condensed Matter</i> , 2021, 33, 04LT01.	1.8	3
9	Mixed-parity octupolar pairing and corner Majorana modes in three dimensions. <i>Physical Review B</i> , 2021, 104, .	3.2	21
10	Phase transitions in a holographic multi-Weyl semimetal. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
11	Monopole versus spherical harmonic superconductors: Topological repulsion, coexistence, and stability. <i>Physical Review B</i> , 2020, 102, .	3.2	2
12	Shear viscosity as a probe of nodal topology. <i>Physical Review B</i> , 2020, 101, .	3.2	6
13	Dislocation defect as a bulk probe of monopole charge of multi-Weyl semimetals. <i>Physical Review Research</i> , 2020, 2, .	3.6	17
14	Relativistic non-Fermi liquid from interacting birefringent fermions: A robust superuniversality. <i>Physical Review Research</i> , 2020, 2, .	3.6	4
15	Higher-order topological insulators in amorphous solids. <i>Physical Review Research</i> , 2020, 2, .	3.6	91
16	Probing quantum criticality using nonlinear Hall effect in a metallic Dirac system. <i>Physical Review Research</i> , 2020, 2, .	3.6	39
17	Discontinuous evolution of the structure of stretching polycrystalline graphene. <i>Physical Review B</i> , 2019, 100, .	3.2	5
18	Hund nodal line semimetals: The case of a twisted magnetic phase in the double-exchange model. <i>Physical Review B</i> , 2019, 99, .	3.2	8

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19	Fermionic multicriticality near Kekulé valence-bond ordering on a honeycomb lattice. Physical Review B, 2019, 99, .	3.2	14
20	Unconventional superconductivity in nearly flat bands in twisted bilayer graphene. Physical Review B, 2019, 99, .	3.2	143
21	Dynamic Multiferroicity of a Ferroelectric Quantum Critical Point. Physical Review Letters, 2019, 122, 057208.	7.8	18
22	Odd-frequency Berezinskii superconductivity in Dirac semimetals. Physical Review B, 2019, 100, .	3.2	8
23	Higher-order topological phases: A general principle of construction. Physical Review B, 2019, 99, .	3.2	166
24	Out of equilibrium higher-order topological insulator: Floquet engineering and quench dynamics. Physical Review Research, 2019, 1, .	3.6	59
25	Global Phase Diagram of a Dirty Weyl Liquid and Emergent Superuniversality. Physical Review X, 2018, 8, .	8.9	47
26	Collisionless Transport Close to a Fermionic Quantum Critical Point in Dirac Materials. Physical Review Letters, 2018, 121, 137601.	7.8	8
27	From Birefringent Electrons to a Marginal or Non-Fermi Liquid of Relativistic Spin- $\frac{1}{2}$ Fermions: An Emergent Superuniversality. Physical Review Letters, 2018, 121, 157602.	7.8	25
28	Itinerant quantum multicriticality of two-dimensional Dirac fermions. Physical Review B, 2018, 97, .	3.2	16
29	Probing the shape of a graphene nanobubble. Physical Chemistry Chemical Physics, 2017, 19, 7465-7470.	2.8	16
30	Dissolution of topological Fermi arcs in a dirty Weyl semimetal. Physical Review B, 2017, 96, .	3.2	46
31	Optical conductivity of an interacting Weyl liquid in the collisionless regime. Physical Review B, 2017, 96, .	3.2	12
32	First-order quantum phase transition in three-dimensional topological band insulators. Physical Review B, 2017, 95, .	3.2	10
33	Interacting Weyl fermions: Phases, phase transitions, and global phase diagram. Physical Review B, 2017, 95, .	3.2	107
34	Structure of twisted and buckled bilayer graphene. 2D Materials, 2017, 4, 015018.	4.4	83
35	Universal optical conductivity of a disordered Weyl semimetal. Scientific Reports, 2016, 6, 32446.	3.3	57
36	Boundaries determine the formation energies of lattice defects in two-dimensional buckled materials. Physical Review B, 2016, 94, .	3.2	8

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37	Self-organized pseudo-graphene on grain boundaries in topological band insulators. Physical Review B, 2016, 93, .	3.2	32
38	Pairing instabilities of Dirac composite fermions. Physical Review B, 2016, 94, .	3.2	5
39	Emergent Lorentz symmetry near fermionic quantum critical points in two and three dimensions. Journal of High Energy Physics, 2016, 2016, 1-19.	4.7	44
40	Emergent Lorentz symmetry near fermionic quantum critical points in two and three dimensions. , 2016, 2016, 1.		1
41	Tuning edge state localization in graphene nanoribbons by in-plane bending. Physical Review B, 2015, 92, .	3.2	8
42	Kekule versus hidden superconducting order in graphene-like systems: Competition and coexistence. Physical Review B, 2015, 92, .	3.2	8
43	Stability of the X Y of the two-dimensional C_4 group insulator. Physical Review B, 2015, 91, .	3.2	2
44	Probing Crystallinity of Graphene Samples via the Vibrational Density of States. Journal of Physical Chemistry Letters, 2015, 6, 3897-3902.	4.6	8
45	Strain-induced time-reversal odd superconductivity in graphene. Physical Review B, 2014, 90, .	3.2	44
46	Tight-binding theory of spin-orbit coupling in graphynes. Physical Review B, 2014, 90, .	3.2	27
47	Interplay between electronic topology and crystal symmetry: Dislocation-line modes in topological band insulators. Physical Review B, 2014, 90, .	3.2	91
48	High-Chern-number bands and tunable Dirac cones in \hat{I}^2 -graphyne X Y . Physical Review B, 2014, 90, .	3.2	2
49	Chiral symmetry breaking in the pseudo-quantum electrodynamics. Physical Review D, 2013, 87, .	4.7	27
50	The space group classification of topological band-insulators. Nature Physics, 2013, 9, 98-102.	16.7	470
51	Quantum superconducting criticality in graphene and topological insulators. Physical Review B, 2013, 87, .	3.2	78
52	Zero-energy states bound to a magnetic $\tilde{\nu}$ -flux vortex in a two-dimensional topological insulator. Nuclear Physics B, 2013, 867, 977-991.	2.5	20
53	Universal Probes of Two-Dimensional Topological Insulators: Dislocation and $\tilde{\nu}$ -Flux. Physical Review Letters, 2012, 108, 106403.	7.8	106
54	Conductivity of interacting massless Dirac particles in graphene: Collisionless regime. Physical Review B, 2010, 82, .	3.2	68

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55	Coulomb interaction at the metal-insulator critical point in graphene. Physical Review B, 2009, 80, .	3.2	72
56	Theory of interacting electrons on the honeycomb lattice. Physical Review B, 2009, 79, .	3.2	239
57	Relativistic Mott criticality in graphene. Physical Review B, 2009, 80, .	3.2	155
58	Restoration of the Magnetic χ C-Mott-Periodicity in Unconventional Superconductors. Physical Review Letters, 2008, 100, 187006.	7.8	205
59	Coulomb Interaction, Ripples, and the Minimal Conductivity of Graphene. Physical Review Letters, 2008, 100, 046403.	7.8	205
60	Transport properties of a quantum wire: Role of extended time-dependent impurities. Physical Review B, 2007, 75, .	3.2	9
61	Derivation of the generalized non-linear sigma model in the presence of the Dzyaloshinskii-Moriya interaction. Physica B: Condensed Matter, 2006, 378-380, 449-450.	2.7	5
62	Lightly Doped $\text{La}_2\text{xSrxCuO}_4$ as a Lifshitz Helimagnet. Physical Review Letters, 2006, 96, 077004.	7.8	20
63	Transport properties of a Luttinger liquid in the presence of several time-dependent impurities. Physical Review B, 2006, 74, .	3.2	19
64	Magnetic susceptibility anisotropies in a two-dimensional quantum Heisenberg antiferromagnet with Dzyaloshinskii-Moriya interactions. Physical Review B, 2006, 73, .	3.2	20
65	Dissipative dynamics of topological defects in frustrated Heisenberg spin systems. Physical Review B, 2005, 71, .	3.2	2
66	Dynamics of Topological Defects in a Spiral: A Scenario for the Spin-Glass Phase of Cuprates. Physical Review Letters, 2004, 92, 137202.	7.8	16
67	Thirring sine-Gordon relationship by canonical methods. European Physical Journal C, 2003, 32, 443-452.	3.9	3