

Michael Engelhardt

List of Publications by Year in descending order

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49
papers

2,030
citations

236925

25
h-index

243625

44
g-index

49
all docs

49
docs citations

49
times ranked

921
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of the Collins-Soper Kernel from Lattice QCD. Journal of High Energy Physics, 2021, 2021, 1.	4.7	38
2	Energy of a pointlike neutron in an external electromagnetic field. Physical Review D, 2021, 104, .	4.7	0
3	From Ji to Jaffe-Manohar orbital angular momentum in lattice QCD using a direct derivative method. Physical Review D, 2020, 102, .	4.7	11
4	Nucleon axial, scalar, and tensor charges using lattice QCD at the physical pion mass. Physical Review D, 2019, 99, .	4.7	35
5	Excited-state effects in nucleon structure on the lattice using hybrid interpolators. Physical Review D, 2019, 100, .	4.7	3
6	Hadrons and nuclei. European Physical Journal A, 2019, 55, 1.	2.5	58
7	Parton distributions and lattice QCD calculations: A community white paper. Progress in Particle and Nuclear Physics, 2018, 100, 107-160.	14.4	186
8	Lorentz invariance and QCD equation of motion relations for generalized parton distributions and the dynamical origin of proton orbital angular momentum. Physical Review D, 2018, 98, .	4.7	10
9	Computing the nucleon charge and axial radii directly at Q^2 in lattice QCD. Physical Review D, 2018, 97, .	4.7	35
10	Quark orbital dynamics in the proton from lattice QCD: From Ji to Jaffe-Manohar orbital angular momentum. Physical Review D, 2017, 95, .	4.7	28
11	Up, down, and strange nucleon axial form factors from lattice QCD. Physical Review D, 2017, 95, .	4.7	70
12	Nucleon transverse momentum-dependent parton distributions in lattice QCD: Renormalization patterns and discretization effects. Physical Review D, 2017, 96, .	4.7	45
13	An equatorward force acting on large floating ice masses: Polfluchtkraft. Annals of Glaciology, 2017, 58, 144-151.	1.4	2
14	Lattice QCD calculations of transverse momentum-dependent parton distributions (TMDs). EPJ Web of Conferences, 2016, 112, 01008.	0.3	1
15	Parton transverse momentum and orbital angular momentum distributions. Physical Review D, 2016, 94, .	4.7	26
16	Model of random center vortex lines in continuous 2+1 -dimensional spacetime. Physical Review D, 2016, 94, .	4.7	9
17	Confining bond rearrangement in the random center vortex model. Physical Review D, 2016, 93, .	4.7	10
18	Lattice QCD study of the Boer-Mulders effect in a pion. Physical Review D, 2016, 93, .	4.7	42

#	ARTICLE	IF	CITATIONS
37	Center Vortex Model for the Infrared Sector of SU(3) Yang-Mills Theory. AIP Conference Proceedings, 2005, , .	0.4	0
38	Generation of confinement and other nonperturbative effects by infrared gluonic degrees of freedom. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 92-105.	0.4	23
39	Center vortex model for the infrared sector of SU(3) Yang-Mills theory: Vortex free energy. Physical Review D, 2005, 71, .	4.7	16
40	Center vortex model for the infrared sector of SU(3) Yang-Mills theory: Baryonic potential. Physical Review D, 2004, 70, .	4.7	13
41	Center vortex model for the infrared sector of SU(3) Yang-Mills theory confinement and deconfinement. Nuclear Physics B, 2004, 685, 227-248.	2.5	56
42	Writhe of center vortices and topological charge: An explicit example. Physical Review D, 2003, 68, .	4.7	19
43	Center vortex model for the infrared sector of Yang-Mills theory quenched Dirac spectrum and chiral condensate. Nuclear Physics B, 2002, 638, 81-110.	2.5	45
44	Topological susceptibility of Yang-Mills center projection vortices. Physical Review D, 2001, 64, .	4.7	45
45	Deconfinement in SU(2) Yang-Mills theory as a center vortex percolation transition. Physical Review D, 2000, 61, .	4.7	123
46	Center vortex model for the infrared sector of Yang-Mills theory topological susceptibility. Nuclear Physics B, 2000, 585, 614-633.	2.5	65
47	Center vortex model for the infrared sector of Yang-Mills theory confinement and deconfinement. Nuclear Physics B, 2000, 585, 591-613.	2.5	68
48	Center projection vortices in continuum Yang-Mills theory. Nuclear Physics B, 2000, 567, 249-292.	2.5	129
49	Center vortices of Yang-Mills theory at finite temperatures. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 301-309.	4.1	69