

Craig McNeile

List of Publications by Year in descending order

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47
papers

1,710
citations

516561

16
h-index

315616

38
g-index

47
all docs

47
docs citations

47
times ranked

3817
citing authors

#	ARTICLE	IF	CITATIONS
1	The anomalous magnetic moment of the muon in the Standard Model. Physics Reports, 2020, 887, 1-166.	10.3	790
2	High-precision scale setting in lattice QCD. Journal of High Energy Physics, 2012, 2012, 1.	1.6	213
3	Exotic mesons in quenched lattice QCD. Physical Review D, 1997, 56, 7039-7051.	1.6	132
4	Strong-Isospin-Breaking Correction to the Muon Anomalous Magnetic Moment from Lattice QCD at the Physical Point. Physical Review Letters, 2018, 120, 152001.	2.9	71
5	Precise Charm to Strange Mass Ratio and Light Quark Masses from Full Lattice QCD. Physical Review Letters, 2010, 104, 132003.	2.9	63
6	Lattice Determination of Heavy-Light Decay Constants. Physical Review Letters, 1998, 81, 4812-4815.	2.9	51
7	Quenched hadron spectroscopy with improved staggered quark action. Physical Review D, 1998, 58, .	1.6	48
8	Light hadron spectrum and decay constants in quenched lattice QCD. Physical Review D, 1994, 49, 474-485.	1.6	46
9	Glueball mass measurements from improved staggered fermion simulations. Physical Review D, 2010, 82, .	1.6	46
10	Study of the \hat{I} mesons with improved staggered fermions. Physical Review D, 2012, 86, .	1.6	29
11	Masses of singlet and non-singlet 0^{++} particles. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 266-268.	0.5	21
12	Continuum Limit of Lattice QCD with Staggered Quarks in the Quenched Approximation: A Critical Role for the Chiral Extrapolation. Physical Review Letters, 1998, 81, 3087-3090.	2.9	20
13	Lattice status of gluonia/glueballs. Nuclear Physics, Section B, Proceedings Supplements, 2009, 186, 264-267.	0.5	19
14	Calculation of the B parameter in the static limit. Physical Review D, 1997, 56, 6993-7011.	1.6	17
15	Methods for pseudoscalar flavor-singlet mesons with staggered fermions. Physical Review D, 2008, 77, .	1.6	17
16	Variational calculation of heavy-light meson properties. Nuclear Physics, Section B, Proceedings Supplements, 1994, 34, 453-455.	0.5	16
17	Lattice results for the decay constant of heavy-light vector mesons. Physical Review D, 2001, 65, .	1.6	13
18	Exotic hybrid mesons with light quarks. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 228-231.	0.5	10

#	ARTICLE	IF	CITATIONS
19	Light hadron spectrum \hat{c} MILC results with the Kogut-Susskind and Wilson actions. Nuclear Physics, Section B, Proceedings Supplements, 1998, 60, 3-13.	0.5	10
20	Semileptonic B_c decays from full lattice QCD. , 2016, , .		10
21	Towards the QCD spectrum with dynamical quarks. Nuclear Physics, Section B, Proceedings Supplements, 1998, 60, 297-305.	0.5	9
22	Calculation of the Lepage-Mackenzie scale for the lattice axial-vector and vector currents. Physical Review D, 1999, 59, .	1.6	6
23	Update on the hadron spectrum with two flavors of staggered quarks. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 215-217.	0.5	5
24	NRQCD and static systems \hat{c} A general variational approach. Nuclear Physics, Section B, Proceedings Supplements, 1995, 42, 325-327.	0.5	4
25	Heavy-light decay constants \hat{c} MILC results with the Wilson action. Nuclear Physics, Section B, Proceedings Supplements, 1998, 60, 106-113.	0.5	4
26	QCDgrid: A Grid Resource for Quantum Chromodynamics. Journal of Grid Computing, 2005, 3, 113-130.	2.5	4
27	STRONG COUPLING AND QUARK MASSES FROM LATTICE QCD. Modern Physics Letters A, 2013, 28, 1360012.	0.5	4
28	Scalar glueball and meson spectroscopy in unquenched lattice QCD with improved staggered quarks. , 2005, , .		4
29	B meson matrix elements from various heavy quark effective theories. Nuclear Physics, Section B, Proceedings Supplements, 1996, 47, 429-432.	0.5	3
30	Lattice HQET calculation of the Isgur-Wise function. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 377-379.	0.5	3
31	Feasibility study of using the overlap-Dirac operator for hadron spectroscopy. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 639-641.	0.5	3
32	Semileptonic decays of heavy mesons with the fat clover action. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 274-276.	0.5	3
33	Do we understand the unquenched value of β ? Journal of Physics G: Nuclear and Particle Physics, 2001, 27, 1255-1258.	1.4	3
34	Hadron spectroscopy of twisted mass lattice QCD at $\hat{t}^2 = 6.0$. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 251-253.	0.5	3
35	Finite temperature lattice QCD with clover fermions. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 446-448.	0.5	2
36	Renormalization of the lattice heavy quark effective theory Isgur-Wise function. Physical Review D, 2000, 62, .	1.6	2

#	ARTICLE	IF	CITATIONS
37	An investigation into a wavelet accelerated gauge fixing algorithm. Nuclear Physics, Section B, Proceedings Supplements, 1994, 34, 777-779.	0.5	1
38	Hybrid mesons in quenched lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 1998, 60, 61-64.	0.5	1
39	Exotic hybrid mesons and four-quark states. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 206-208.	0.5	1
40	Towards measuring the mass with staggered fermions. Nuclear Physics, Section B, Proceedings Supplements, 2006, 153, 139-145.	0.5	1
41	Twisted mass fermions: neutral pion masses from disconnected contributions.. , 2005, , .		1
42	Pseudoscalar Singlet Physics with Staggered Fermions. , 2005, , .		1
43	A study of the static-light BB parameter. Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 378-381.	0.5	0
44	Phenomenology of static-light mesons from unquenched lattice QCD calculations. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 455-457.	0.5	0
45	The effect of sea quarks on the mass of the charm quark from lattice QCD. Journal of High Energy Physics, 2006, 2006, 171-171.	1.6	0
46	Numerical experiments using deflation with the HISQ action. EPJ Web of Conferences, 2018, 175, 14016.	0.1	0
47	B_s meson excited states from the lattice. , 2005, , .		0