

George Fleming

List of Publications by Year in descending order

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89
papers

2,240
citations

257450

24
h-index

214800

47
g-index

91
all docs

91
docs citations

91
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Near-conformal dynamics in a chirally broken system. Physical Review D, 2021, 103, .	4.7	18
2	A survey for variable young stars with small telescopes – IV. Rotation periods of YSOs in IC 5070. Monthly Notices of the Royal Astronomical Society, 2021, 506, 5989-6000.	4.4	4
3	Magnetic sulfur-doped carbons for mercury adsorption. Journal of Colloid and Interface Science, 2021, 603, 728-737.	9.4	17
4	Radial lattice quantization of 3D \mathbb{Z}_2 field theory. Physical Review D, 2021, 104, .	4.7	7
5	Automated label flows for excited states of correlation functions in lattice gauge theory. Physical Review E, 2020, 102, 043303.	2.1	1
6	Investigating the Antibacterial Properties of Inverse Vulcanized Sulfur Polymers. ACS Omega, 2020, 5, 5229-5234.	3.5	48
7	A survey for variable young stars with small telescopes: II – mapping a protoplanetary disc with stable structures at 0.15 au. Monthly Notices of the Royal Astronomical Society, 2020, 493, 184-198.	4.4	9
8	Nitric Oxide Releasing Titanium Surfaces for Antimicrobial Bone-Integrating Orthopedic Implants. ACS Applied Materials & Interfaces, 2020, 12, 22433-22443.	8.0	23
9	Lattice gauge theory for physics beyond the Standard Model. European Physical Journal A, 2019, 55, 1.	2.5	23
10	Lattice \mathbb{Z}_2 field theory on Riemann manifolds: Numerical tests for the 2D Ising CFT on S^2 . Physical Review D, 2018, 98, .	4.7	12
11	Lattice Dirac fermions on a simplicial Riemannian manifold. Physical Review D, 2017, 95, .	4.7	16
12	From Lattice Strong Dynamics to Phenomenology. , 2014, , .		1
13	Lattice radial quantization: 3D Ising. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 721, 299-305.	4.1	20
14	Lattice calculation of composite dark matter form factors. Physical Review D, 2013, 88, .	4.7	34
15	Exploring strange nucleon form factors on the lattice. Physical Review D, 2012, 85, .	4.7	47
16	$\langle W \rangle \langle W \rangle$ scattering parameters via pseudoscalar phase shifts. Physical Review D, 2012, 85, .	4.7	4
17	Exponential time series in lattice quantum field theory. , 2012, , 71-93.		0
18	Parity Doubling and the S Parameter below the Conformal Window. Physical Review Letters, 2011, 106, 231601.	7.8	37

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19	Lattice simulations and infrared conformality. <i>Physical Review D</i> , 2011, 84, .	4.7	66
20	Toward TeV Conformality. <i>Physical Review Letters</i> , 2010, 104, 071601.	7.8	60
21	Lattice study of conformal behavior in SU(3) Yang-Mills theories. <i>Physical Review D</i> , 2009, 79, .	4.7	137
22	Light hadron spectroscopy using domain wall valence quarks on an asqtad sea. <i>Physical Review D</i> , 2009, 79, .	4.7	137
23	Lattice super-Yang-Mills using domain wall fermions in the chiral limit. <i>Physical Review D</i> , 2009, 79, .	4.7	37
24	Excited-state effective masses in lattice QCD. <i>Physical Review D</i> , 2009, 80, .	4.7	14
25	Nucleon generalized parton distributions from full lattice QCD. <i>Physical Review D</i> , 2008, 77, .	4.7	204
26	Lattice Study of the Conformal Window in QCD-like Theories. <i>Physical Review Letters</i> , 2008, 100, 171607.	7.8	199
27	Glueballs Condensing at the CCNI: 4096 CPUs Weigh In. , 2008, , .		2
28	Hadronic Resonances from Lattice QCD. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	0
29	Results and Frontiers in Lattice Baryon Spectroscopy. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
30	<i>Ab initio</i> Hadron structure from lattice QCD. <i>Journal of Physics: Conference Series</i> , 2007, 78, 012019.	0.4	0
31	Lattice QCD determination of patterns of excited baryon states. <i>Physical Review D</i> , 2007, 76, .	4.7	64
32	Angular momentum on the lattice: The case of nonzero linear momentum. <i>Physical Review D</i> , 2006, 73, .	4.7	45
33	Calculation of the nucleon axial charge in lattice QCD. <i>Journal of Physics: Conference Series</i> , 2006, 46, 152-156.	0.4	2
34	Baryon operators and baryon spectroscopy. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2006, 153, 242-249.	0.4	5
35	Multiparticle states and the hadron spectrum on the lattice. <i>Physical Review D</i> , 2006, 74, .	4.7	26
36	Nucleon Axial Charge in Full Lattice QCD. <i>Physical Review Letters</i> , 2006, 96, 052001.	7.8	130

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37	Hadron Structure from Lattice QCD. International Journal of Modern Physics A, 2006, 21, 720-725.	1.5	2
38	Looking for pentaquarks in lattice QCD. Journal of Physics: Conference Series, 2005, 9, 226-229.	0.4	3
39	Understanding hadron structure from lattice QCD in the SciDAC era. Journal of Physics: Conference Series, 2005, 16, 150-159.	0.4	2
40	First principles calculations of nucleon and pion form factors: understanding the building blocks of nuclear matter from lattice QCD. Journal of Physics: Conference Series, 2005, 16, 174-178.	0.4	5
41	Pion form factor using domain wall valence and asqtad sea quarks. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 302-304.	0.4	2
42	Hadronic physics with domain-wall valence and improved staggered sea quarks. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 255-260.	0.4	64
43	Baryonic sources using irreducible representations of the double-covered octahedral group. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 281-283.	0.4	2
44	Analysis of spectra using matrices of correlation functions based on irreducible baryon operators. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 278-280.	0.4	7
45	Group-theoretical construction of extended baryon operators. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 287-289.	0.4	2
46	Calculating using HYP staggered fermions. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 369-371.	0.4	11
47	Lattice computations of the pion form factor. Physical Review D, 2005, 72, .	4.7	56
48	Clebsch-Gordan construction of lattice interpolated fields for excited baryons. Physical Review D, 2005, 72, .	4.7	63
49	Testing improved staggered fermions withmsandBK. Physical Review D, 2005, 71, .	4.7	11
50	Group-theoretical construction of extended baryon operators in lattice QCD. Physical Review D, 2005, 72, .	4.7	55
51	Quenched lattice QCD with domain wall fermions and the chiral limit. Physical Review D, 2004, 69, .	4.7	106
52	Mass spectrum of $N\hat{a}^-$ and source optimization. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 209-211.	0.4	2
53	Mesonic form factors. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 59-65.	0.4	4
54	Insight into nucleon structure from lattice calculations of moments of parton and generalized parton distributions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 170-178.	0.4	43

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55	Baryon operators and spectroscopy in lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2004, 128, 186-192.	0.4	5
56	The pion electromagnetic form factor. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 206-208.	0.4	3
57	Baryonic operators for lattice simulations. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 236-238.	0.4	4
58	Calculating weak matrix elements using HYP staggered fermions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 257-259.	0.4	0
59	Moments of nucleon spin-dependent generalized parton distributions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 907-909.	0.4	13
60	Insight into nucleon structure from generalized parton distributions. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 910-912.	0.4	6
61	Lattice QCD and nucleon resonances. Nuclear Physics A, 2004, 737, 167-171.	1.5	0
62	Gasser-Leutwyler coefficients: A progress report. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 245-247.	0.4	2
63	Progress report on the staggered $\hat{\mu}^2/\hat{\mu}$ project. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 428-430.	0.4	0
64	Gasser-Leutwyler coefficients from partially quenched lattice QCD. Nuclear Physics A, 2003, 721, C883-C886.	1.5	2
65	Interacting staggered domain wall fermions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 819-821.	0.4	0
66	Up Quark Mass in Lattice QCD with Three Light Dynamical Quarks and Implications for Strong CP Invariance. Physical Review Letters, 2003, 90, 021601.	7.8	19
67	Kaon matrix elements and CP violation from quenched lattice QCD: The 3-flavor case. Physical Review D, 2003, 68, .	4.7	94
68	Staggered domain wall fermion method. Physical Review D, 2002, 66, .	4.7	1
69	Weak matrix elements for CP violation. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 311-313.	0.4	13
70	Re A0 and Re A2 from quenched lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 314-316.	0.4	0
71	Staggered domain wall fermions. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 724-729.	0.4	3
72	Is the up quark massless?. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 221-223.	0.4	4

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73	ImA0, ImA2, and $\tilde{\mu}^2$ from quenched lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 317-319.	0.4	4
74	Thermodynamics of free domain wall and overlap fermions. Nuclear Physics, Section B, Proceedings Supplements, 2001, 94, 393-397.	0.4	4
75	LATTICE SUPERSYMMETRY WITH DOMAIN WALL FERMIONS. International Journal of Modern Physics A, 2001, 16, 1207-1209.	1.5	3
76	Supersymmetric Yang-Mills theory on the lattice with domain wall fermions. Physical Review D, 2001, 64, .	4.7	62
77	Finite temperature QCD phase transition with domain wall fermions. Physical Review D, 2001, 64, .	4.7	24
78	Dynamical lattice QCD thermodynamics with domain wall fermions. Nuclear Physics A, 2000, 663-664, 979c-982c.	1.5	5
79	Improved search for elementary particles with fractional electric charge. Physical Review D, 1996, 53, 6017-6032.	4.7	13
80	Creutz ratios from color-truncated lattice configurations. Physical Review D, 1995, 52, 6620-6622.	4.7	0
81	ON THE SPREAD OF INFLUENZA BY CONTAGION.. Lancet, The, 1891, 138, 1193-1194.	13.7	0
82	THE PROPAGATION AND PREVENTION OF RABIES.1. Lancet, The, 1891, 138, 342-343.	13.7	1
83	" THE PREVENTION OF RABIES AND HYDROPHOBIA.". Lancet, The, 1890, 135, 822-823.	13.7	0
84	BOVINE AND HUMAN TUBERCULOSIS.. Lancet, The, 1888, 131, 698.	13.7	0
85	RABIES IN DEER.. Lancet, The, 1888, 131, 649.	13.7	0
86	SCARLET FEVER, SMALL-POX, AND COW-POX.. Lancet, The, 1887, 130, 1291.	13.7	0
87	HUMAN AND ANIMAL VARIOLĀ†: A STUDY IN COMPARATIVE PATHOLOGY.. Lancet, The, 1880, 115, 246-248.	13.7	0
88	"GARGET" AND DIPHTHERIA v. COMPARATIVE PATHOLOGY.. Lancet, The, 1879, 113, 137-138.	13.7	0
89	CROUP AND DIPHTHERIA.. Lancet, The, 1875, 105, 662-663.	13.7	0