

Michele Della Morte

List of Publications by Year in descending order

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52
papers

2,256
citations

304743

22
h-index

206112

48
g-index

54
all docs

54
docs citations

54
times ranked

3240
citing authors

#	ARTICLE	IF	CITATIONS
1	Review of lattice results concerning low-energy particle physics. European Physical Journal C, 2017, 77, 112.	3.9	439
2	Review of lattice results concerning low-energy particle physics. European Physical Journal C, 2014, 74, 2890.	3.9	375
3	On the generalized eigenvalue method for energies and matrix elements in lattice field theory. Journal of High Energy Physics, 2009, 2009, 094-094.	4.7	162
4	Computation of the strong coupling in QCD with two dynamical flavors. Nuclear Physics B, 2005, 713, 378-406.	2.5	125
5	On lattice actions for static quarks. Journal of High Energy Physics, 2005, 2005, 051-051.	4.7	105
6	Non-perturbative quark mass renormalization in two-flavor QCD. Nuclear Physics B, 2005, 729, 117-134.	2.5	97
7	Nucleon axial charge in lattice QCD with controlled errors. Physical Review D, 2012, 86, .	4.7	86
8	Towards a precise lattice determination of the leading hadronic contribution to $(g_A^{\pi\pi})^2$. Journal of High Energy Physics, 2012, 2012, 1.	4.7	70
9	Lattice HQET with exponentially improved statistical precision. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 581, 93-98.	4.1	63
10	Non-perturbative renormalization of the axial current with dynamical Wilson fermions. Journal of High Energy Physics, 2005, 2005, 007-007.	4.7	54
11	Isovector axial form factors of the nucleon in two-flavor lattice QCD. International Journal of Modern Physics A, 2019, 34, 1950009.	1.5	49
12	Quark disconnected diagrams in chiral perturbation theory. Journal of High Energy Physics, 2010, 2010, 1.	4.7	48
13	Nucleon electromagnetic form factors in two-flavor QCD. Physical Review D, 2015, 92, .	4.7	48
14	Non-perturbative improvement of the axial current for dynamical Wilson fermions. Journal of High Energy Physics, 2005, 2005, 029-029.	4.7	38
15	On cutoff effects in lattice QCD from short to long distances. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 407-412.	4.1	32
16	Heavy quark effective theory computation of the mass of the bottom quark. Journal of High Energy Physics, 2007, 2007, 007-007.	4.7	31
17	Non-perturbative improvement of the axial current in $\langle \text{si1.gif} \rangle$. Nuclear Physics B, 2015	2.5	31
18	Renormalization Group Approach to Pandemics: The COVID-19 Case. Frontiers in Physics, 2020, 8, .	2.1	28

#	ARTICLE	IF	CITATIONS
19	Decay constants of B-mesons from non-perturbative HQET with two light dynamical quarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 735, 349-356.	4.1	25
20	Simulating the Schrödinger functional with two pseudo-fermions. Computer Physics Communications, 2003, 156, 62-72.	7.5	24
21	Exploring the HMC trajectory-length dependence of autocorrelation times in lattice QCD. Computer Physics Communications, 2007, 176, 91-97.	7.5	23
22	Symmetries and exponential error reduction in Yang-Mills theories on the lattice. Computer Physics Communications, 2009, 180, 819-826.	7.5	22
23	HQET at order $1/m$: I. Non-perturbative parameters in the quenched approximation. Journal of High Energy Physics, 2010, 2010, 1.	4.7	22
24	A novel approach for computing glueball masses and matrix elements in Yang-Mills theories on the lattice. Journal of High Energy Physics, 2011, 2011, 1.	4.7	21
25	Parameters of heavy quark effective theory from $N_f=2$ lattice QCD. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
26	The b-quark mass from non-perturbative Heavy Quark Effective Theory at $N_f=2$ lattice QCD. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
27	HQET at order $1/m$: II. Spectroscopy in the quenched approximation. Journal of High Energy Physics, 2010, 2010, 1.	4.7	18
28	HQET at order $1/m$: III. Decay constants in the quenched approximation. Journal of High Energy Physics, 2010, 2010, 1.	4.7	16
29	Exploiting symmetries for exponential error reduction in path integral Monte Carlo. Computer Physics Communications, 2009, 180, 813-818.	7.5	15
30	Impact of large cutoff-effects on algorithms for improved Wilson fermions. Computer Physics Communications, 2005, 165, 49-58.	7.5	14
31	Form factors in lattice QCD. European Physical Journal: Special Topics, 2011, 198, 79-94.	2.6	13
32	Non-perturbative improvement of the axial current with three dynamical flavors and the Iwasaki gauge action. Journal of High Energy Physics, 2007, 2007, 092-092.	4.7	12
33	Improved interpolating fields for hadrons at non-zero momentum. European Physical Journal A, 2012, 48, 1.	2.5	12
34	The leading hadronic vacuum polarisation on the lattice. , 2011, , .		11
35	Nonperturbative renormalization of the axial current in lattice QCD with Wilson fermions and a tree-level improved gauge action. Physical Review D, 2016, 93, .	4.7	11
36	Matching of heavy-light flavour currents between HQET at order $1/m$ and QCD: I. Strategy and tree-level study. Journal of High Energy Physics, 2014, 2014, 1.	4.7	9

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37	Scaling test of two-flavor O(a)-improved lattice QCD. Journal of High Energy Physics, 2008, 2008, 037-037.	4.7	6
38	Non-perturbative renormalization of the static axial current in two-flavour QCD. Journal of High Energy Physics, 2007, 2007, 079-079.	4.7	5
39	Electromagnetic corrections to the hadronic vacuum polarization of the photon within QEDL and QEDM. EPJ Web of Conferences, 2018, 175, 06005.	0.3	5
40	Cutoff effects in twisted mass lattice QCD. Journal of High Energy Physics, 2001, 2001, 041-041.	4.7	4
41	B-physics from non-perturbatively renormalized HQET in two-flavour lattice QCD. Nuclear Physics, Section B, Proceedings Supplements, 2013, 234, 181-186.	0.4	4
42	B-meson spectroscopy in HQET at order $1/m$. Physical Review D, 2015, 92, .	4.7	4
43	Wilson-like fermions and the static parameter with no chirality breaking mixings. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 458-460.	0.4	3
44	Heavy-strange meson decay constants in the continuum limit of quenched QCD. Journal of High Energy Physics, 2008, 2008, 078-078.	4.7	3
45	Non-perturbative Heavy Quark Effective Theory: An application to semi-leptonic B-decays. Nuclear and Particle Physics Proceedings, 2015, 261-262, 368-377.	0.5	3
46	The locality problem for two tastes of staggered fermions. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 782-784.	0.4	2
47	Cutoff effects of Wilson fermions in the absence of spontaneous chiral symmetry breaking. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 632, 663-666.	4.1	2
48	A non-perturbative study of massive gauge theories. Journal of High Energy Physics, 2013, 2013, 1.	4.7	2
49	Cutoff effects in the spectrum of dynamical Wilson fermions. Nuclear Physics, Section B, Proceedings Supplements, 2005, 140, 862-864.	0.4	1
50	Hadronic contribution to the lepton anomalous magnetic moment and pion form factor in lattice QCD. Progress in Particle and Nuclear Physics, 2012, 67, 223-227.	14.4	1
51	On reweighting for twisted boundary conditions. Computer Physics Communications, 2017, 219, 91-98.	7.5	1
52	Tuning the hybrid Monte Carlo algorithm using molecular dynamics forces' variances. Computer Physics Communications, 2019, 234, 179-187.	7.5	1