

# R Sugar

## List of Publications by Year in descending order

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58  
papers

7,213  
citations

109137

35  
h-index

143772

57  
g-index

58  
all docs

58  
docs citations

58  
times ranked

5996  
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	$\hat{\tau}^{\prime} K \hat{a}_{\mu}^{1/2}$ decay from lattice QCD. Physical Review D, 2019, 100, .	1.6	33
3	Short-distance matrix elements for $\bar{D} \rightarrow 0$ -meson mixing from lattice QCD. Physical Review D, 2018, 97, .	1.6	21
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
6	$\langle B \rangle_{\hat{\tau}^{\prime} K \hat{a}_{\mu}^{1/2}}$ form factors with 2+1 flavors. EPJ Web of Conferences, 2018, 175, 13008.	0.1	4
7	$\hat{\tau}^{\prime} K \hat{a}_{\mu}^{1/2}$ form factors from three-flavor lattice QCD. Physical Review D, 2016, 93, .	1.6	71
8	Short-distance matrix elements for $\bar{D} \rightarrow 0$ meson mixing from lattice QCD for the Standard Model and beyond. Physical Review D, 2016, 93, .	1.6	21
9	$\hat{\tau}^{\prime} K \hat{a}_{\mu}^{1/2}$ decays		

#	ARTICLE	IF	CITATIONS
19	<a href="http://www.w3.org/1998/Math/MathML">http://www.w3.org/1998/Math/MathML</a> $B_s$ form-factor ratios and their application to $BR$		

#	ARTICLE	IF	CITATIONS
37	First determination of the strange and light quark masses from full lattice QCD. Physical Review D, 2004, 70, .	1.6	95
38	Light pseudoscalar decay constants, quark masses, and low energy constants from three-flavor lattice QCD. Physical Review D, 2004, 70, .	1.6	246
39	Light hadrons with improved staggered quarks: Approaching the continuum limit. Physical Review D, 2004, 70, .	1.6	253
40	Excited states in staggered meson propagators. Nuclear Physics, Section B, Proceedings Supplements, 2004, 129-130, 230-232.	0.5	4
41	Exotic hybrid mesons from improved Kogut-Susskind fermions. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 260-262.	0.5	7
42	A comparison of improved cooling and hypercubic smearing for topology on dynamical Asqtad lattices. Nuclear Physics, Section B, Proceedings Supplements, 2003, 119, 769-771.	0.5	3
43	Lattice calculation of $1\hat{a}^+$ hybrid mesons with improved Kogut-Susskind fermions. Physical Review D, 2003, 68, .	1.6	52
44	Lattice calculation of heavy-light decay constants with two flavors of dynamical quarks. Physical Review D, 2002, 66, .	1.6	49
45	Heavy-light decay constants with three dynamical flavors. Nuclear Physics, Section B, Proceedings Supplements, 2002, 106-107, 412-414.	0.5	9
46	$f_B$ for various actions: approaching the continuum limit with dynamical fermions. Nuclear Physics, Section B, Proceedings Supplements, 2001, 94, 346-349.	0.5	16
47	Heavy-light decay constants with dynamical gauge configurations and wilson or improved valence quark actions. Nuclear Physics, Section B, Proceedings Supplements, 2000, 83-84, 289-291.	0.5	12
48	Heavy-light decay constants from Wilson and static quarks. Nuclear Physics, Section B, Proceedings Supplements, 1998, 63, 362-364.	0.5	4
49	Lattice Determination of Heavy-Light Decay Constants. Physical Review Letters, 1998, 81, 4812-4815.	2.9	51
50	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
51	B mixing on the lattice: $f_{[sub B]}$ , $f_{[sub B[sub s]]}$ and related quantities. , 1998, , .		0
52	Update on $f_B$ . Nuclear Physics, Section B, Proceedings Supplements, 1997, 53, 358-361.	0.5	5
53	The continuum limit in the quenched approximation. Nuclear Physics, Section B, Proceedings Supplements, 1996, 47, 345-349.	0.5	3
54	$t\hat{f}_B$ quenched and unquenched. Nuclear Physics, Section B, Proceedings Supplements, 1996, 47, 459-462.	0.5	3

#	ARTICLE	IF	CITATIONS
55	Preliminary heavy-light decay constants from the MILC collaboration. Nuclear Physics, Section B, Proceedings Supplements, 1995, 42, 388-390.	0.5	6
56	Linear Integral Equations for Relativistic Multichannel Scattering. Physical Review, 1966, 142, 1051-1059.	2.7	693
57	Faddeev Formalism for Four-Particle Systems. Physical Review, 1965, 140, B1336-B1338.	2.7	34
58	Variational Upper and Lower Bounds for Multichannel Scattering. Physical Review, 1964, 136, B472-B491.	2.7	175