

# Chris Quigg

## List of Publications by Year in descending order

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57  
papers

6,412  
citations

257450

24  
h-index

243625

44  
g-index

66  
all docs

66  
docs citations

66  
times ranked

7079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Big Questions [Slides]., 2022, , .		0
2	Dream Machines. Reviews of Accelerator Science and Technology, 2019, 10, 3-12.	0.5	5
3	Mesons with beauty and charm: New horizons in spectroscopy. Physical Review D, 2019, 99, .	4.7	40
4	Dream Machines. , 2019, , 3-12.		0
5	Future Colliders Symposium in Hong Kong: Scientific Overview. , 2017, , 3-19.		1
6	Future colliders symposium in Hong Kong: Scientific overview. International Journal of Modern Physics A, 2016, 31, 1644001.	1.5	1
7	Particle physics after the Higgs boson discovery: opportunities for the Large Hadron Collider. Contemporary Physics, 2016, 57, 177-187.	1.8	1
8	Luminosity goals for a 100-TeV pp collider. International Journal of Modern Physics A, 2015, 30, 1544002.	1.5	36
9	Electroweak Symmetry Breaking in Historical Perspective. Annual Review of Nuclear and Particle Science, 2015, 65, 25-42.	10.2	8
10	Particle Physics in a Season of Change. EPJ Web of Conferences, 2012, 28, 01001.	0.3	0
11	Resource Letter QCD-1: Quantum chromodynamics. American Journal of Physics, 2010, 78, 1081-1116.	0.7	24
12	Unanswered Questions in the Electroweak Theory. Annual Review of Nuclear and Particle Science, 2009, 59, 505-555.	10.2	36
13	Gedanken worlds without Higgs fields: QCD-induced electroweak symmetry breaking. Physical Review D, 2009, 79, .	4.7	28
14	The Coming Revolutions in Particle Physics. Scientific American, 2008, 298, 46-53.	1.0	16
15	Higgs bosons, electroweak symmetry breaking, and the physics of the Large Hadron Collider. Contemporary Physics, 2007, 48, 1-11.	1.8	7
16	Gravitational lensing of supernova neutrinos. Astroparticle Physics, 2007, 28, 348-356.	4.3	15
17	Spontaneous symmetry breaking as a basis of particle mass. Reports on Progress in Physics, 2007, 70, 1019-1053.	20.1	19
18	Particles and the Standard Model. , 2006, , 86-118.		7

#	ARTICLE	IF	CITATIONS
19	Neutrino coannihilation on dark-matter relics?. Physical Review D, 2006, 74, .	4.7	3
20	New states above charm threshold. Physical Review D, 2006, 73, .	4.7	141
21	Observational constraints on undulant cosmologies. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 008-008.	5.4	9
22	Theoretical overview: the new mesons. Journal of Physics: Conference Series, 2005, 9, 1-10.	0.4	3
23	The Lost Tribes of Charmonium. Nuclear Physics, Section B, Proceedings Supplements, 2005, 142, 87-97.	0.4	17
24	Diagnostic potential of cosmic-neutrino absorption spectroscopy. Physical Review D, 2005, 71, .	4.7	29
25	Undulant Universe: Expansion with alternating eras of acceleration and deceleration. Physical Review D, 2005, 71, .	4.7	22
26	Charmonium levels near threshold and the narrow state $\chi(3872)$ . Physical Review D, 2004, 69, .	4.7	233
27	Neutrino observatories can characterize cosmic sources and neutrino properties. Physical Review D, 2003, 67, .	4.7	85
28	B-Meson Gateways to Missing Charmonium Levels. Physical Review Letters, 2002, 89, 162002.	7.8	97
29	THE ELECTROWEAK THEORY. , 2001, , .		2
30	The state of the standard model. AIP Conference Proceedings, 2000, , .	0.4	2
31	Questions of identity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 1-9.	1.6	8
32	Perspectives in high-energy physics. AIP Conference Proceedings, 2000, , .	0.4	0
33	Study of R-parity violation at a $\sqrt{s}=4$ pcollider. Physical Review D, 2000, 62, .	4.7	5
34	Perspectives on Heavy Quark 98. , 1999, , .		0
35	Manifestations of R-parity violation in ultrahigh-energy neutrino interactions. Physical Review D, 1998, 58, .	4.7	29
36	Neutrino interactions at ultrahigh energies. Physical Review D, 1998, 58, .	4.7	458

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37	Physics with a millimole of muons. , 1998, , .		2
38	Top-ology. Physics Today, 1997, 50, 20-26.	0.3	21
39	New predictions for neutrino telescope event rates. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 475-477.	0.4	1
40	Ultrahigh-energy neutrino interactions. Astroparticle Physics, 1996, 5, 81-110.	4.3	483
41	Quarkonium wave functions at the origin. Physical Review D, 1995, 52, 1726-1728.	4.7	351
42	Mesons with beauty and charm: Spectroscopy. Physical Review D, 1994, 49, 5845-5856.	4.7	375
43	A View of the Particle World: <i>Conceptual Foundations of Modern Particle Physics</i> . Robert E. Marshak. World Scientific, River Edge, NJ, 1993. xxviii, 673 pp., illus. \$86 or £61; paper, \$46 or £32.. Science, 1994, 264, 1952-1952.	12.6	0
44	Properties of orbitally excited heavy-light ( $Qq\hat{A}^-$ ) mesons. Physical Review Letters, 1993, 71, 4116-4119.	7.8	143
45	Flavor asymmetry of the nucleon sea: Consequences for dilepton production. Physical Review D, 1993, 47, R747-R750.	4.7	18
46	Flavor asymmetry in the light-quark sea of the nucleon. Physical Review D, 1992, 45, 2269-2275.	4.7	142
47	Heavy-Quark Systems. Annual Review of Nuclear and Particle Science, 1987, 37, 325-382.	10.2	178
48	Probing the structure of the universe from quarks to cosmology. Physics Teacher, 1986, 24, 528-539.	0.3	0
49	Signatures for technicolor. Physical Review D, 1986, 34, 1547-1566.	4.7	99
50	Search for supersymmetric particles in hadron-hadron collisions. Physical Review D, 1985, 31, 1581-1637.	4.7	290
51	Supercollider physics. Reviews of Modern Physics, 1984, 56, 579-707.	45.6	1,469
52	Introduction to Gauge Theories of the Strong, Weak, and Electromagnetic Interactions. , 1981, , 143-278.		2
53	Quantum mechanics with applications to quarkonium. Physics Reports, 1979, 56, 167-235.	25.6	721
54	Strength of Weak Interactions at Very High Energies and the Higgs Boson Mass. Physical Review Letters, 1977, 38, 883-885.	7.8	489

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55	Centrifugal-Barrier Effects in Resonance Partial Decay Widths, Shapes, and Production Amplitudes. Physical Review D, 1972, 5, 624-638.	4.7	150
56	Symmetries and Dynamics: Theoretical Keys to Hadron Spectroscopy. , 1900, , .		0
57	New states above charm threshold. , 0, .		1