

# Chris Quigg

## List of Publications by Year in descending order

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57  
papers

6,412  
citations

257357

24  
h-index

243529

44  
g-index

66  
all docs

66  
docs citations

66  
times ranked

7079  
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercollider physics. <i>Reviews of Modern Physics</i> , 1984, 56, 579-707.	16.4	1,469
2	Quantum mechanics with applications to quarkonium. <i>Physics Reports</i> , 1979, 56, 167-235.	10.3	721
3	Strength of Weak Interactions at Very High Energies and the Higgs Boson Mass. <i>Physical Review Letters</i> , 1977, 38, 883-885.	2.9	489
4	Ultrahigh-energy neutrino interactions. <i>Astroparticle Physics</i> , 1996, 5, 81-110.	1.9	483
5	Neutrino interactions at ultrahigh energies. <i>Physical Review D</i> , 1998, 58, .	1.6	458
6	Mesons with beauty and charm: Spectroscopy. <i>Physical Review D</i> , 1994, 49, 5845-5856.	1.6	375
7	Quarkonium wave functions at the origin. <i>Physical Review D</i> , 1995, 52, 1726-1728.	1.6	351
8	Search for supersymmetric particles in hadron-hadron collisions. <i>Physical Review D</i> , 1985, 31, 1581-1637.	1.6	290
9	Charmonium levels near threshold and the narrow state $\chi(3872)$ . <i>Physical Review D</i> , 2004, 69, .	1.6	233
10	Heavy-Quark Systems. <i>Annual Review of Nuclear and Particle Science</i> , 1987, 37, 325-382.	3.5	178
11	Centrifugal-Barrier Effects in Resonance Partial Decay Widths, Shapes, and Production Amplitudes. <i>Physical Review D</i> , 1972, 5, 624-638.	1.6	150
12	Properties of orbitally excited heavy-light ( $Qq\tilde{\chi}$ ) mesons. <i>Physical Review Letters</i> , 1993, 71, 4116-4119.	2.9	143
13	Flavor asymmetry in the light-quark sea of the nucleon. <i>Physical Review D</i> , 1992, 45, 2269-2275.	1.6	142
14	New states above charm threshold. <i>Physical Review D</i> , 2006, 73, .	1.6	141
15	Signatures for technicolor. <i>Physical Review D</i> , 1986, 34, 1547-1566.	1.6	99
16	B-Meson Gateways to Missing Charmonium Levels. <i>Physical Review Letters</i> , 2002, 89, 162002.	2.9	97
17	Neutrino observatories can characterize cosmic sources and neutrino properties. <i>Physical Review D</i> , 2003, 67, .	1.6	85
18	Mesons with beauty and charm: New horizons in spectroscopy. <i>Physical Review D</i> , 2019, 99, .	1.6	40

#	ARTICLE	IF	CITATIONS
19	Unanswered Questions in the Electroweak Theory. Annual Review of Nuclear and Particle Science, 2009, 59, 505-555.	3.5	36
20	Luminosity goals for a 100-TeV pp collider. International Journal of Modern Physics A, 2015, 30, 1544002.	0.5	36
21	Manifestations of R-parity violation in ultrahigh-energy neutrino interactions. Physical Review D, 1998, 58, .	1.6	29
22	Diagnostic potential of cosmic-neutrino absorption spectroscopy. Physical Review D, 2005, 71, .	1.6	29
23	Gedanken worlds without Higgs fields: QCD-induced electroweak symmetry breaking. Physical Review D, 2009, 79, .	1.6	28
24	Resource Letter QCD-1: Quantum chromodynamics. American Journal of Physics, 2010, 78, 1081-1116.	0.3	24
25	Undulant Universe: Expansion with alternating eras of acceleration and deceleration. Physical Review D, 2005, 71, .	1.6	22
26	Top-ology. Physics Today, 1997, 50, 20-26.	0.3	21
27	Spontaneous symmetry breaking as a basis of particle mass. Reports on Progress in Physics, 2007, 70, 1019-1053.	8.1	19
28	Flavor asymmetry of the nucleon sea: Consequences for dilepton production. Physical Review D, 1993, 47, R747-R750.	1.6	18
29	The Lost Tribes of Charmonium. Nuclear Physics, Section B, Proceedings Supplements, 2005, 142, 87-97.	0.5	17
30	The Coming Revolutions in Particle Physics. Scientific American, 2008, 298, 46-53.	1.0	16
31	Gravitational lensing of supernova neutrinos. Astroparticle Physics, 2007, 28, 348-356.	1.9	15
32	Observational constraints on undulant cosmologies. Journal of Cosmology and Astroparticle Physics, 2006, 2006, 008-008.	1.9	9
33	Questions of identity. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 451, 1-9.	0.7	8
34	Electroweak Symmetry Breaking in Historical Perspective. Annual Review of Nuclear and Particle Science, 2015, 65, 25-42.	3.5	8
35	Particles and the Standard Model. , 2006, , 86-118.		7
36	Higgs bosons, electroweak symmetry breaking, and the physics of the Large Hadron Collider. Contemporary Physics, 2007, 48, 1-11.	0.8	7

#	ARTICLE	IF	CITATIONS
37	Study of R-parity violation at a $\sqrt{s}=14$ TeV collider. Physical Review D, 2000, 62, .	1.6	5
38	Dream Machines. Reviews of Accelerator Science and Technology, 2019, 10, 3-12.	0.5	5
39	Theoretical overview: the new mesons. Journal of Physics: Conference Series, 2005, 9, 1-10.	0.3	3
40	Neutrino coannihilation on dark-matter relics?. Physical Review D, 2006, 74, .	1.6	3
41	Physics with a millimole of muons. , 1998, , .		2
42	The state of the standard model. AIP Conference Proceedings, 2000, , .	0.3	2
43	Introduction to Gauge Theories of the Strong, Weak, and Electromagnetic Interactions. , 1981, , 143-278.		2
44	THE ELECTROWEAK THEORY. , 2001, , .		2
45	New predictions for neutrino telescope event rates. Nuclear Physics, Section B, Proceedings Supplements, 1996, 48, 475-477.	0.5	1
46	Future colliders symposium in Hong Kong: Scientific overview. International Journal of Modern Physics A, 2016, 31, 1644001.	0.5	1
47	Particle physics after the Higgs boson discovery: opportunities for the Large Hadron Collider. Contemporary Physics, 2016, 57, 177-187.	0.8	1
48	New states above charm threshold. , 0, .		1
49	Future Colliders Symposium in Hong Kong: Scientific Overview. , 2017, , 3-19.		1
50	Probing the structure of the universe from quarks to cosmology. Physics Teacher, 1986, 24, 528-539.	0.2	0
51	Perspectives on Heavy Quark 98. , 1999, , .		0
52	Perspectives in high-energy physics. AIP Conference Proceedings, 2000, , .	0.3	0
53	Particle Physics in a Season of Change. EPJ Web of Conferences, 2012, 28, 01001.	0.1	0
54	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.	6.0	0

#	ARTICLE	IF	CITATIONS
55	Dream Machines. , 2019, , 3-12.		0
56	Symmetries and Dynamics: Theoretical Keys to Hadron Spectroscopy. , 1900, , .		0
57	Big Questions [Slides]. , 2022, , .		0