

# Eric S Swanson

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

97  
papers

5,782  
citations

37  
h-index

75  
g-index

105  
ext. papers

6,444  
ext. citations

4.5  
avg, IF

6.26  
L-index

#	Paper	IF	Citations
97	The new heavy mesons: A status report. <i>Physics Reports</i> , <b>2006</b> , 429, 243-305	27.7	502
96	Higher charmonia. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	488
95	Excitation spectrum of Heisenberg spin ladders. <i>Physical Review B</i> , <b>1993</b> , 47, 3196-3203	3.3	358
94	Short range structure in the X(3872). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 588, 189-195	4.2	337
93	Heavy-quark QCD exotica. <i>Progress in Particle and Nuclear Physics</i> , <b>2017</b> , 93, 143-194	10.6	315
92	On the mechanism of open-flavor strong decays. <i>Physical Review D</i> , <b>1996</b> , 54, 6811-6829	4.9	238
91	The Physics of the B Factories. <i>European Physical Journal C</i> , <b>2014</b> , 74, 1	4.2	233
90	Higher quarkonia. <i>Physical Review D</i> , <b>1997</b> , 55, 4157-4188	4.9	201
89	Coulomb gauge QCD, confinement, and the constituent representation. <i>Physical Review D</i> , <b>2001</b> , 65,	4.9	199
88	Dynamics and decay of heavy-light hadrons. <i>Physical Review D</i> , <b>2005</b> , 72,	4.9	164
87	Hybrid and conventional mesons in the flux tube model: Numerical studies and their phenomenological implications. <i>Physical Review D</i> , <b>1995</b> , 52, 5242-5256	4.9	147
86	Diagnostic decays of the X(3872). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 598, 197-202	4.2	140
85	Diagrammatic approach to meson-meson scattering in the nonrelativistic quark potential model. <i>Physical Review D</i> , <b>1992</b> , 46, 131-159	4.9	129
84	Glueball spectroscopy in a relativistic many-body approach to hadronic structure. <i>Physical Review Letters</i> , <b>1996</b> , 76, 2011-2014	7.4	128
83	Hybrid meson decay phenomenology. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	95
82	Hadron loops: General theorems and application to charmonium. <i>Physical Review C</i> , <b>2008</b> , 77,	2.7	89
81	Distinguishing among strong decay models. <i>Physical Review D</i> , <b>1994</b> , 50, 6855-6862	4.9	89

80	Inter-meson potentials from the constituent quark model. <i>Annals of Physics</i> , <b>1992</b> , 220, 73-133	2.5	89
79	Hybrid mesons. <i>Progress in Particle and Nuclear Physics</i> , <b>2015</b> , 82, 21-58	10.6	86
78	Kaon-nucleon scattering amplitudes and $Z^*$ enhancements from quark Born diagrams. <i>Physical Review C</i> , <b>1994</b> , 49, 1166-1184	2.7	85
77	Cross sections for $\Xi$ and $\Xi$ induced dissociation of $J/\psi$ and $\psi'$ . <i>Physical Review C</i> , <b>2000</b> , 62,	2.7	82
76	Heavy quarkonium dissociation cross sections in relativistic heavy-ion collisions. <i>Physical Review C</i> , <b>2001</b> , 65,	2.7	81
75	Canonical interpretation of the $\chi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 647, 159-163	4.2	79
74	$Z_b$ and $Z_c$ exotic states as coupled channel cusps. <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	78
73	Dynamic properties of charmonium. <i>Physical Review D</i> , <b>2006</b> , 74,	4.9	61
72	The low-lying glueball spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 577, 61-66	4.2	60
71	Two-dimensional Heisenberg antiferromagnet: A numerical study. <i>Physical Review B</i> , <b>1988</b> , 37, 9405-9409	3.3	60
70	Issues and Opportunities in Exotic Hadrons. <i>Chinese Physics C</i> , <b>2016</b> , 40, 042001	2.2	50
69	A canonical $\chi$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2007</b> , 650, 159-165	4.2	49
68	On the Dirac structure of confinement. <i>Physical Review D</i> , <b>1997</b> , 55, 3987-3993	4.9	47
67	NN core interactions and differential cross sections from one gluon exchange. <i>Physical Review C</i> , <b>1993</b> , 48, 539-552	2.7	46
66	Evidence for a phase transition in the zero-temperature anisotropic two-dimensional Heisenberg antiferromagnet. <i>Physical Review B</i> , <b>1989</b> , 39, 4357-4362	3.3	46
65	$B$ and $B_s$ meson spectroscopy. <i>Physical Review D</i> , <b>2016</b> , 94,	4.9	42
64	Dissociation cross sections of ground state and excited charmonia with light mesons in the quark model. <i>Physical Review C</i> , <b>2003</b> , 68,	2.7	40
63	$BB$ intermeson potentials in the quark model. <i>Physical Review C</i> , <b>1999</b> , 60,	2.7	40

62	Meson-meson scattering in the quark model: Spin dependence and exotic channels. <i>Physical Review C</i> , <b>2001</b> , 63,	2.7	38
61	$I=3/2$ K pi scattering in the nonrelativistic quark potential model. <i>Physical Review D</i> , <b>1992</b> , 46, 4868-4872	4.9	38
60	Molecular interpretation of the Pc(4440) and Pc(4457) states. <i>Physical Review D</i> , <b>2019</b> , 100,	4.9	35
59	Hyperfine meson splittings: chiral symmetry versus transverse gluon exchange. <i>Physical Review C</i> , <b>2004</b> , 70,	2.7	33
58	Physics opportunities with meson beams. <i>European Physical Journal A</i> , <b>2015</b> , 51, 1	2.5	31
57	Heavy hybrids with constituent gluons. <i>Physical Review D</i> , <b>1998</b> , 59,	4.9	29
56	Options for the SELEX state DsJ+(2632). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 600, 223-230	4.2	28
55	Chiral extrapolation, renormalization, and the viability of the quark model. <i>Physical Review Letters</i> , <b>2001</b> , 87, 072001	7.4	28
54	From current to constituent quarks: A renormalization-group-improved Hamiltonian-based description of hadrons. <i>Physical Review D</i> , <b>1997</b> , 55, 1578-1591	4.9	27
53	Spin-hole polaron of the t-Jz model. <i>Physical Review B</i> , <b>1989</b> , 40, 10977-10981	3.3	27
52	Nucleon-meson coupling constants and form factors in the quark model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2006</b> , 638, 455-460	4.2	26
51	Cusps and exotic charmonia. <i>International Journal of Modern Physics E</i> , <b>2016</b> , 25, 1642010	0.7	26
50	Modeling DNA response to terahertz radiation. <i>Physical Review E</i> , <b>2011</b> , 83, 040901	2.4	25
49	Coulomb gauge model of mesons. <i>Physical Review C</i> , <b>2004</b> , 69,	2.7	24
48	Spin zero glueballs in the Bethe-Salpeter formalism. <i>Physical Review D</i> , <b>2013</b> , 87,	4.9	21
47	Decays of hybrid mesons. <i>Physical Review D</i> , <b>1997</b> , 56, 5692-5695	4.9	21
46	Parity doubling in the meson spectrum. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 582, 167-171	4.2	21
45	Renormalized effective QCD Hamiltonian: Gluonic sector. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	21

44	Critical behavior of the two-dimensional anisotropic Heisenberg antiferromagnet: A numerical test of spin-wave theory. <i>Physical Review B</i> , <b>1989</b> , 40, 8945-8953	3.3	20
43	Review of Heavy Hadron Spectroscopy. <i>International Journal of Modern Physics A</i> , <b>2006</b> , 21, 733-738	1.2	16
42	Unquenching the quark model and screened potentials. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2005</b> , 31, 845-854	2.9	16
41	Isgur-Wise symmetry in two dimensions. <i>Physical Review D</i> , <b>1992</b> , 46, 5083-5091	4.9	16
40	Gluon propagator with two-loop Schwinger-Dyson equations. <i>Physical Review D</i> , <b>2014</b> , 90,	4.9	15
39	Nonperturbative renormalization and the QCD vacuum. <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	14
38	Charmonium-nucleon dissociation cross sections in the quark model. <i>Physical Review C</i> , <b>2007</b> , 75,	2.7	13
37	Molecular interpretation of the supercharmonium state Z(4475). <i>Physical Review D</i> , <b>2015</b> , 91,	4.9	12
36	Confinement models at finite temperature and density. <i>Physical Review D</i> , <b>2010</b> , 81,	4.9	10
35	Parity symmetry in QED3. <i>Physical Review D</i> , <b>2011</b> , 83,	4.9	10
34	A Primer on Functional Methods and the Schwinger-Dyson Equations <b>2010</b> ,		10
33	The Search for QCD Exotics. <i>American Scientist</i> , <b>2000</b> , 88, 406	2.7	10
32	Discriminating among interpretations for the X(2900) states. <i>Physical Review D</i> , <b>2021</b> , 103,	4.9	10
31	Quarkonium h states as arbiters of exoticity. <i>Physical Review D</i> , <b>2017</b> , 96,	4.9	9
30	Review of Heavy Hadron Spectroscopy. <i>AIP Conference Proceedings</i> , <b>2006</b> ,	0	9
29	Decays and spectrum of bottom and bottom strange mesons. <i>European Physical Journal A</i> , <b>2018</b> , 54, 1	2.5	8
28	QED3 at finite temperature and density. <i>Physical Review D</i> , <b>2014</b> , 89,	4.9	8
27	Endemic infrared divergences in QED3 at finite temperature. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2011</b> , 697, 164-167	4.2	7

26	Hybrid meson potentials and the gluonic van der Waals force. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 582, 172-178	4.2	7
25	Heavy-Quark Hybrid Mass Splittings: Hyperfine and Ultrafine <i>Few-Body Systems</i> , <b>2018</b> , 59, 1	1.6	6
24	QCD hamiltonian approach for the glueball spectrum. <i>Nuclear Physics A</i> , <b>1998</b> , 631, 640-643	1.3	6
23	Dbar D* and D*bar D* molecules. <i>Journal of Physics: Conference Series</i> , <b>2005</b> , 9, 79-82	0.3	6
22	Unraveling D-Meson Mixing. <i>Physics Magazine</i> , <b>2013</b> , 6,	1.1	5
21	Nucleon-Nucleon Interactions from the Quark Model <b>2010</b> ,		5
20	Applied Computational Physics <b>2018</b> ,		5
19	XYZ states: Theory overview <b>2016</b> ,		5
18	Hadronic spectral function and charm meson production. <i>Acta Physica Hungarica A Heavy Ion Physics</i> , <b>2003</b> , 18, 49-57		4
17	The New Heavy Mesons. <i>AIP Conference Proceedings</i> , <b>2006</b> ,	0	3
16	Focus section on Hadronic Physics. <i>Journal of Physics G: Nuclear and Particle Physics</i> , <b>2007</b> , 34, S1-S2	2.9	3
15	Aspects of Confinement: a Brief Review. <i>AIP Conference Proceedings</i> , <b>2004</b> ,	0	3
14	Chiral symmetry and hyperfine ( $\overline{q}q$ ) splittings. <i>European Physical Journal C</i> , <b>2004</b> , 33, s521-s523	4.2	3
13	Can the constituent quark model describe the pion?. <i>Progress in Particle and Nuclear Physics</i> , <b>2012</b> , 67, 365-369	10.6	2
12	Cell phone activation and brain glucose metabolism. <i>JAMA - Journal of the American Medical Association</i> , <b>2011</b> , 305, 2066; author reply 2067-8	27.4	2
11	Studies of Coulomb Gauge QCD. <i>AIP Conference Proceedings</i> , <b>2000</b> ,	0	2
10	A quark model calculation of $\Xi$ including final-state interactions. <i>Physical Review C</i> , <b>2000</b> , 61,	2.7	2
9	$\Xi$ and $VV$ in the constituent quark model <b>1994</b> , 107, 2367-2375		2

- 8 Heavy hybrid decays in a constituent gluon model. *Physical Review D*, **2020**, 102, 4.9 1
- 7 Hybrids and quark confinement. *Nuclear Physics, Section B, Proceedings Supplements*, **1998**, 64, 312-315 1
- 6 A Canonical Ds Spectrum. *Journal of Physics: Conference Series*, **2007**, 69, 012007 0.3 1
- 5 Heavy hybrids with constituent gluons. *Nuclear Physics, Section B, Proceedings Supplements*, **2000**, 86, 393-396 1
- 4 Heavy quarkonium dissociation cross sections in relativistic heavy-ion collisions 1
- 3 Heavy Exotica Mini Review. *Nuclear Physics A*, **2009**, 827, 284c-290c 1.3
- 2 QCD and Hadronic Physics. *Nuclear Physics, Section B, Proceedings Supplements*, **1997**, 56, 166-170
- 1 The role of produced hadrons in  $J/\psi$  suppression. *Nuclear Physics A*, **2003**, 715, 541c-544c 1.3