

# John Ellis

## List of Publications by Citations

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638  
papers

39,388  
citations

102  
h-index

172  
g-index

680  
ext. papers

41,377  
ext. citations

5.5  
avg, IF

7.48  
L-index

#	Paper	IF	Citations
638	Supersymmetric relics from the big bang. <i>Nuclear Physics B</i> , <b>1984</b> , 238, 453-476	2.8	1153
637	Tests of quantum gravity from observations of $\Gamma$ ray bursts. <i>Nature</i> , <b>1998</b> , 393, 763-765	50.4	974
636	Radiative corrections to the masses of supersymmetric Higgs bosons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 257, 83-91	4.2	920
635	A phenomenological profile of the Higgs boson. <i>Nuclear Physics B</i> , <b>1976</b> , 106, 292-340	2.8	810
634	Probing the desert using gauge coupling unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 260, 131-137	4.2	582
633	No-scale supersymmetric standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 134, 429-435	4.2	484
632	On radiative corrections to supersymmetric Higgs boson masses and their implications for LEP searches. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 262, 477-484	4.2	483
631	No-scale supersymmetric GUTs. <i>Nuclear Physics B</i> , <b>1984</b> , 247, 373-395	2.8	449
630	Grand unification in simple supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 121, 123-129	4.2	393
629	Chiral symmetry and the spin of the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 206, 309-315	4.2	387
628	The price of natural flavour conservation in neutral weak interactions. <i>Nuclear Physics B</i> , <b>1977</b> , 128, 506-536	3.5	380
627	Weak symmetry breaking by radiative corrections in broken supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 125, 275-281	4.2	379
626	The flipped $SU(5) \times U(1)$ string model revamped. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 231, 65-74	4.2	375
625	Sum rule for deep-inelastic electroproduction from polarized protons. <i>Physical Review D</i> , <b>1974</b> , 9, 1444-1446	14.6	354
624	OBSERVABLES IN LOW-ENERGY SUPERSTRING MODELS. <i>Modern Physics Letters A</i> , <b>1986</b> , 01, 57-69	1.3	350
623	Phenomenological $SU(1, 1)$ supergravity. <i>Nuclear Physics B</i> , <b>1984</b> , 241, 406-428	2.8	342
622	The cosmology of decaying gravitinos. <i>Nuclear Physics B</i> , <b>1985</b> , 259, 175-188	2.8	339

621	Left-handed currents and CP violation. <i>Nuclear Physics B</i> , <b>1976</b> , 109, 213-243	2.8	333
620	Neutralino-stau coannihilation and the cosmological upper limit on the mass of the lightest supersymmetric particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 444, 367-372	4.2	327
619	CP Violation and supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 114, 231-234	4.2	324
618	Search for violations of quantum mechanics. <i>Nuclear Physics B</i> , <b>1984</b> , 241, 381-405	2.8	321
617	Re-evaluation of the elastic scattering of supersymmetric dark matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2000</b> , 481, 304-314	4.2	314
616	Supersymmetric dark matter in light of WMAP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2003</b> , 565, 176-182	4.2	310
615	Flavour-changing neutral interactions in broken supersymmetric theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 110, 44-48	4.2	310
614	Phenomenology of supersymmetry with broken R-parity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 150, 142-148	4.2	306
613	Precision LEP data, supersymmetric GUTs and string unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 249, 441-448	4.2	305
612	Calculations of neutralino-stau coannihilation channels and the cosmologically relevant region of MSSM parameter space. <i>Astroparticle Physics</i> , <b>2000</b> , 13, 181-213	2.4	304
611	Astrophysical constraints on massive unstable neutral relic particles. <i>Nuclear Physics B</i> , <b>1992</b> , 373, 399-437	2.8	296
610	Updated nucleosynthesis constraints on unstable relic particles. <i>Physical Review D</i> , <b>2003</b> , 67,	4.9	285
609	Search for gluons in $e^+e^-$ annihilation. <i>Nuclear Physics B</i> , <b>1976</b> , 111, 253-271	2.8	279
608	A phenomenological comparison of conventional and supersymmetric guts. <i>Nuclear Physics B</i> , <b>1982</b> , 202, 43-62	2.8	258
607	Search for supersymmetry in toponium decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 128, 248-252	4.2	250
606	The CMSSM parameter space at large $\tan\beta$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 510, 236-246	4.2	239
605	Hadronic uncertainties in the elastic scattering of supersymmetric dark matter. <i>Physical Review D</i> , <b>2008</b> , 77,	4.9	238
604	Cosmological string theories and discrete inflation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 211, 393-399	4.2	233

603	Distance Measurement and Wave Dispersion in a Liouville-String Approach to Quantum Gravity. <i>International Journal of Modern Physics A</i> , <b>1997</b> , 12, 607-623	1.2	231
602	Exploration of the MSSM with non-universal Higgs masses. <i>Nuclear Physics B</i> , <b>2003</b> , 652, 259-347	2.8	227
601	On the weak decays of high-mass hadrons. <i>Nuclear Physics B</i> , <b>1975</b> , 100, 313-328	2.8	220
600	An expanding universe in string theory. <i>Nuclear Physics B</i> , <b>1989</b> , 328, 117-139	2.8	208
599	Baryon number generation in grand unified theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1979</b> , 80, 360-364	4.2	207
598	The MSSM parameter space with non-universal Higgs masses. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 539, 107-118	4.2	204
597	Elastic supersymmetric relic-nucleus scattering revisited. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 263, 259-266	4.2	204
596	String theory modifies quantum mechanics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 293, 37-48	4.2	202
595	On the axion, dilaton, Polonyi, gravitino and shadow matter problems in supergravity and superstring models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1986</b> , 174, 176-182	4.2	198
594	Simplified models for dark matter searches at the LHC. <i>Physics of the Dark Universe</i> , <b>2015</b> , 9-10, 8-23	4.4	196
593	Challenges for extended technicolour theories. <i>Nuclear Physics B</i> , <b>1981</b> , 182, 505-528	2.8	187
592	Inflation can save the gravitino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 118, 59-64	4.2	180
591	Search for supersymmetry at the p collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 127, 233-241	4.2	177
590	Calculations of neutralino-stop coannihilation in the CMSSM. <i>Astroparticle Physics</i> , <b>2003</b> , 18, 395-432	2.4	174
589	Fermion masses and Higgs representations in SU(5). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1979</b> , 88, 315-319	4.2	172
588	Gaugino masses and grand unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 155, 381-386	4.2	171
587	Can neutrinos be degenerate in mass?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1999</b> , 458, 310-321	4.2	167
586	Starobinsky-like inflationary models as avatars of no-scale supergravity. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2013</b> , 2013, 009-009	6.4	166

585	An improved flipped $SU(5)U(1)$ model from the four-dimensional string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 208, 209-215	4.2	165
584	An analysis of the angular momentum of the proton. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 213, 73-80	4.2	164
583	Constraints on axions from SN 1987A. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 203, 188-196	4.2	163
582	A Search in Gamma-Ray Burst Data for Nonconstancy of the Velocity of Light. <i>Astrophysical Journal</i> , <b>2000</b> , 535, 139-151	4.7	162
581	A grand unified theory obtained from broken supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1980</b> , 94, 343-348	4.2	161
580	The supersymmetric charged Higgs boson mass and LEP phenomenology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 271, 123-132	4.2	160
579	Gravitino dark matter in the CMSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 588, 7-16	4.2	159
578	Gut model-building with fermionic four-dimensional strings. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 205, 459-465	4.2	159
577	Flavour-changing decays of a 125 GeV Higgs-like particle. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2012</b> , 712, 386-390	4.2	157
576	Can one test technicolour?. <i>Nuclear Physics B</i> , <b>1981</b> , 182, 529-545	2.8	157
575	Robust limits on Lorentz violation from gamma-ray bursts. <i>Astroparticle Physics</i> , <b>2006</b> , 25, 402-411	2.4	153
574	Determination of $\bar{g}$ and the nucleon spin decomposition using recent polarized structure function data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1995</b> , 341, 397-406	4.2	149
573	Probing quantum gravity using photons from a flare of the active galactic nucleus Markarian 501 observed by the MAGIC telescope. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 668, 253-257	4.2	148
572	Experimental predictions from the superstring. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 165, 76-82	4.2	145
571	Updated global analysis of Higgs couplings. <i>Journal of High Energy Physics</i> , <b>2013</b> , 2013, 1	5.4	144
570	Neutrino masses and oscillations in $SU(5)$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1980</b> , 90, 249-252	4.2	142
569	No-scale supergravity realization of the Starobinsky model of inflation. <i>Physical Review Letters</i> , <b>2013</b> , 111, 111301	7.4	141
568	Revisiting the Higgs mass and dark matter in the CMSSM. <i>European Physical Journal C</i> , <b>2012</b> , 72, 1	4.2	140

567	Update on the direct detection of supersymmetric dark matter. <i>Physical Review D</i> , <b>2005</b> , 71,	4.9	137
566	Re-examination of the standard model in the light of B meson mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 192, 201-206	4.2	127
565	No-scale supergravity models with a planck mass gravitino. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 143, 410-414	4.2	127
564	On the baryon, lepton-flavour and right-handed electron asymmetries of the universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1992</b> , 297, 118-124	4.2	126
563	Density-dependent couplings and astrophysical bounds on light scalar particles. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 228, 264-272	4.2	124
562	New parametrization of the seesaw mechanism and applications in supersymmetric models. <i>Physical Review D</i> , <b>2002</b> , 66,	4.9	123
561	The effective Standard Model after LHC Run I. <i>Journal of High Energy Physics</i> , <b>2015</b> , 2015, 1	5.4	122
560	Canonical Trace Anomalies. <i>Physical Review D</i> , <b>1973</b> , 7, 2490-2506	4.9	121
559	Realistic predictions for the detection of supersymmetric dark matter. <i>Nuclear Physics B</i> , <b>1988</b> , 307, 883-908	4.9	120
558	Constraints on light particles from kaon decays. <i>Nuclear Physics B</i> , <b>1983</b> , 217, 189-214	2.8	117
557	Updated global SMEFT fit to Higgs, diboson and electroweak data. <i>Journal of High Energy Physics</i> , <b>2018</b> , 2018, 1	5.4	117
556	Complete Higgs sector constraints on dimension-6 operators. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	116
555	Electric dipole moments in the MSSM reloaded. <i>Journal of High Energy Physics</i> , <b>2008</b> , 2008, 049-049	5.4	115
554	Leptogenesis and the violation of lepton number and CP at low energies. <i>Nuclear Physics B</i> , <b>2002</b> , 643, 229-246	2.8	115
553	Uncertainties in the proton lifetime. <i>Nuclear Physics B</i> , <b>1980</b> , 176, 61-99	2.8	114
552	Bound-state effects on light-element abundances in gravitino dark matter scenarios. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2006</b> , 2006, 014-014	6.4	113
551	Supersymmetric dark matter in the light of CERN LEP and the Fermilab Tevatron collider. <i>Physical Review D</i> , <b>2000</b> , 62,	4.9	113
550	Primordial supersymmetric inflation. <i>Nuclear Physics B</i> , <b>1983</b> , 221, 524-548	2.8	113

549	Is scalar gluonium observable?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1985</b> , 150, 289-294	4.2	112
548	The OZI rule does not apply to baryons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 217, 173-180	4.2	110
547	Constraints on light particles from supernova SN 1987A. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 193, 525-530	4.2	110
546	Cosmological inflation cries out for supersymmetry. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1982</b> , 118, 335-339	4.2	109
545	Aspects of conformal symmetry and chirality. <i>Nuclear Physics B</i> , <b>1970</b> , 22, 478-492	2.8	109
544	Constraining supersymmetry. <i>New Journal of Physics</i> , <b>2002</b> , 4, 32-32	2.9	108
543	Charginos and neutralinos in the light of radiative corrections: Sealing the fate of Higgsino dark matter. <i>Physical Review D</i> , <b>1998</b> , 58,	4.9	105
542	Gravitational wave energy budget in strongly supercooled phase transitions. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 024-024	6.4	104
541	Quantum-Gravitational Diffusion and Stochastic Fluctuations in the Velocity of Light. <i>General Relativity and Gravitation</i> , <b>2000</b> , 32, 127-144	2.3	104
540	Implications for dark matter particles of searches for energetic solar neutrinos. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1987</b> , 198, 393-402	4.2	104
539	Precision tests of CPT symmetry and quantum mechanics in the neutral kaon system. <i>Physical Review D</i> , <b>1996</b> , 53, 3846-3870	4.9	103
538	Analysis of data on polarized lepton-nucleon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1993</b> , 313, 131-140	4.2	102
537	Search for photinos in $e+e$ annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 122, 303-308	4.2	102
536	Confinement of fractional charges yields integer-charged relics in string models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 247, 257-264	4.2	101
535	The fine-tuning price of LEP. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1998</b> , 423, 327-336	4.2	100
534	The effects of unstable particles on light-element abundances: Lithium versus deuterium and $^3\text{He}$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2005</b> , 619, 30-42	4.2	100
533	Cosmological baryon asymmetry constraints on extensions of the standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 256, 484-490	4.2	100
532	Strangeness, glue and quark matter content of neutrons stars. <i>Nuclear Physics B</i> , <b>1991</b> , 348, 345-372	2.8	100

531	Cosmic ray constraints on the annihilations of relic particles in the galactic halo. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1988</b> , 214, 403-412	4.2	100
530	Constraints on neutralino dark matter from LEP 2 and cosmology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1997</b> , 413, 355-364	4.2	99
529	Global analysis of the Higgs candidate with mass $\sim 125$ GeV. <i>Journal of High Energy Physics</i> , <b>2012</b> , 2012, 1	5.4	98
528	On the maximal strength of a first-order electroweak phase transition and its gravitational wave signal. <i>Journal of Cosmology and Astroparticle Physics</i> , <b>2019</b> , 2019, 003-003	6.4	97
527	On the interpretation of a possible $\sim 750$ GeV particle decaying into $\chi$ . <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	97
526	Supersymmetric dark matter in the light of LEP 1.5. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 388, 97-105	4.2	96
525	Strong and weak CP violation. <i>Nuclear Physics B</i> , <b>1979</b> , 150, 141-162	2.8	96
524	Derivation of a vacuum refractive index in a stringy spacetime foam model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2008</b> , 665, 412-417	4.2	95
523	Comparison of the Padé approximation method to perturbative QCD calculations. <i>Physical Review Letters</i> , <b>1995</b> , 74, 4380-4383	7.4	94
522	On the effective lagrangian for baryon decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1979</b> , 88, 320-324	4.2	94
521	New bounds on $m_t$ and first bounds on $M_H$ from precision electroweak data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1990</b> , 249, 543-550	4.2	93
520	Gluino signatures at the pp Collider. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1984</b> , 142, 441-445	4.2	92
519	Quantum gravity and the collapse of the wavefunction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 221, 113-119	4.2	91
518	Anti-baryon production in heavy-ion collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1989</b> , 233, 223-230	4.2	89
517	Natural candidates for superheavy dark matter in string and M theory. <i>Physical Review D</i> , <b>1999</b> , 59,	4.9	88
516	Haggling over the fine-tuning price of LEP. <i>Nuclear Physics B</i> , <b>1999</b> , 544, 39-63	2.8	86
515	Geological Isotope Anomalies as Signatures of Nearby Supernovae. <i>Astrophysical Journal</i> , <b>1996</b> , 470, 1227	4.7	86
514	Microscopic recoil model for light-cone fluctuations in quantum gravity. <i>Physical Review D</i> , <b>1999</b> , 61,	4.9	85



513	A detailed comparison of LEP data with the predictions of the minimal supersymmetric SU(5) GUT. <i>Nuclear Physics B</i> , <b>1992</b> , 373, 55-72	2.8	85
512	Fluctuations in a supersymmetric inflationary universe. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1983</b> , 120, 331-334	4.2	85
511	The supersymmetric parameter space in light of B-physics observables and electroweak precision data. <i>Journal of High Energy Physics</i> , <b>2007</b> , 2007, 083-083	5.4	83
510	CP violation in the minimal supersymmetric seesaw model. <i>Nuclear Physics B</i> , <b>2002</b> , 621, 208-234	2.8	83
509	NEW LEP CONSTRAINTS ON SOME SUPERSYMMETRIC YUKAWA INTERACTIONS THAT VIOLATE R-PARITY. <i>Modern Physics Letters A</i> , <b>1995</b> , 10, 1583-1591	1.3	82
508	Sneutrino inflation in the light of WMAP: reheating, leptogenesis and flavour-violating lepton decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2004</b> , 581, 9-18	4.2	81
507	Higgs-mediated $B_s, d_0 \rightarrow \tau \bar{\nu}$ and $B \rightarrow 3\tau \bar{\nu}$ decays in supersymmetric seesaw models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 549, 159-169	4.2	80
506	String threshold corrections and flipped SU (5). <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 268, 188-196	4.2	80
505	Combining the muon anomalous magnetic moment with other constraints on the CMSSM. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2001</b> , 508, 65-73	4.2	79
504	The price of deriving the standard model from the string. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1991</b> , 272, 31-35	4.2	79
503	Reheating and supersymmetric flat-direction baryogenesis. <i>Nuclear Physics B</i> , <b>2000</b> , 579, 355-375	2.8	78
502	QCD phase transitions in an effective field theory. <i>Nuclear Physics B</i> , <b>1990</b> , 345, 57-78	2.8	77
501	Fresh look at axions and SN 1987A. <i>Physical Review D</i> , <b>1997</b> , 56, 2419-2432	4.9	76
500	Chiral-Soliton Predictions for Exotic Baryons. <i>Journal of High Energy Physics</i> , <b>2004</b> , 2004, 002-002	5.4	76
499	AEDGE: Atomic Experiment for Dark Matter and Gravity Exploration in Space. <i>EPJ Quantum Technology</i> , <b>2020</b> , 7,	6.9	76
498	Observable consequences of partially degenerate leptogenesis. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>2002</b> , 546, 228-236	4.2	75
497	Padé approximants, Borel transforms and renormalons: the Bjorken sum rule as a case study. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , <b>1996</b> , 366, 268-275	4.2	75
496	Disentangling Higgs-top couplings in associated production. <i>Journal of High Energy Physics</i> , <b>2014</b> , 2014, 1	5.4	74

- 495 Squark decays into gauginos at the p collider. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1985**, 161, 175-181 4.2 74
- 494 Nucleosynthesis constraints on a massive gravitino in neutralino dark matter scenarios. *Journal of Cosmology and Astroparticle Physics*, **2009**, 2009, 021-021 6.4 73
- 493 Supersymmetric D-brane model of space-time foam. *Physical Review D*, **2004**, 70, 4.9 73
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