

Anthony William Thomas

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656
papers

18,303
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69
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101
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729
ext. papers

19,598
ext. citations

3.8
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L-index

#	Paper	IF	Citations
656	Pionic corrections to the MIT bag model: The (3,3) resonance. <i>Physical Review D</i> , 1980 , 22, 2838-2852	4.9	344
655	Cloudy bag model of the nucleon. <i>Physical Review D</i> , 1981 , 24, 216-229	4.9	290
654	Pionic corrections and the EMC enhancement of the sea in iron. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 128, 112-116	4.2	278
653	The Nuclear EMC Effect. <i>Annual Review of Nuclear and Particle Science</i> , 1995 , 45, 337-390	15.7	264
652	A limit on the pionic component of the nucleon through SU(3) flavour breaking in the sea. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 126, 97-100	4.2	253
651	A quark-meson coupling model for nuclear and neutron matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 327, 9-16	4.2	197
650	The role of nucleon structure in finite nuclei. <i>Nuclear Physics A</i> , 1996 , 601, 349-379	1.3	194
649	The spin and flavor dependence of parton distribution functions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 212, 227-230	4.2	168
648	Pion-nucleon scattering in the Brown-Rho bag model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1980 , 91, 192-195	4.2	164
647	Nucleon and hadron structure changes in the nuclear medium and the impact on observables. <i>Progress in Particle and Nuclear Physics</i> , 2007 , 58, 1-167	10.6	160
646	Pion-deuteron and pion-nucleus scattering \square review. <i>Physics Reports</i> , 1980 , 58, 121-212	27.7	150
645	Dark matter, constrained minimal supersymmetric standard model, and lattice QCD. <i>Physical Review Letters</i> , 2009 , 103, 201802	7.4	149
644	Possible strength of the non-perturbative strange sea of the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 191, 205-208	4.2	147
643	Rho-omega mixing, vector meson dominance and the pion form-factor. <i>Progress in Particle and Nuclear Physics</i> , 1997 , 39, 201-252	10.6	142
642	Magnetic moments of the nucleon octet calculated in the cloudy bag model. <i>Nuclear Physics A</i> , 1983 , 393, 252-282	1.3	141
641	The cloudy bag model. IV. Pionic corrections to the nucleon properties. <i>Canadian Journal of Physics</i> , 1982 , 60, 59-72	1.1	137
640	2001 ,		135

639	Variation of hadron masses in finite nuclei. <i>Physical Review C</i> , 1997 , 55, 2637-2648	2.7	130
638	Physical nucleon properties from lattice QCD. <i>Physical Review Letters</i> , 2004 , 92, 242002	7.4	130
637	Chiral extrapolation of lattice moments of proton quark distributions. <i>Physical Review Letters</i> , 2001 , 87, 172001	7.4	128
636	Charmed mesic nuclei: Bound D and D [*] states with ²⁰⁸ Pb. <i>Physical Review C</i> , 1999 , 59, 2824-2828	2.7	126
635	Neutronproton structure function ratio at large x. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996 , 377, 11-17	4.2	126
634	Octet baryon masses and sigma terms from an SU(3) chiral extrapolation. <i>Physical Review D</i> , 2010 , 81,	4.9	125
633	Self-consistent description of finite nuclei based on a relativistic quark model. <i>Nuclear Physics A</i> , 1996 , 609, 339-363	1.3	121
632	Precise determination of the strangeness magnetic moment of the nucleon. <i>Physical Review Letters</i> , 2005 , 94, 212001	7.4	120
631	Virtual compton scattering and generalized polarizabilities of the proton. <i>Nuclear Physics A</i> , 1995 , 591, 606-638	1.3	119
630	A theory of low energy pion-nucleus scattering. <i>Nuclear Physics A</i> , 1978 , 302, 461-492	1.3	118
629	The stability of nuclear matter in the Nambu-Jona-Lasinio model. <i>Nuclear Physics A</i> , 2001 , 696, 138-172	1.3	117
628	Resonance model study of kaon production in baryon-baryon reactions for heavy-ion collisions. <i>Physical Review C</i> , 1999 , 59, 369-387	2.7	112
627	Faddeev approach to pion production and pion-deuteron scattering. <i>Physical Review C</i> , 1974 , 10, 109-125.	2.7	111
626	FLAVOR SU(2) SYMMETRY BREAKING IN DEEP INELASTIC SCATTERING. <i>Modern Physics Letters A</i> , 1991 , 06, 271-276	1.3	108
625	Structure functions in the bag model. <i>Physical Review D</i> , 1991 , 44, 2653-2662	4.9	107
624	Convergence of chiral effective field theory. <i>Progress in Particle and Nuclear Physics</i> , 2003 , 50, 399-417	10.6	106
623	Chiral analysis of quenched baryon masses. <i>Physical Review D</i> , 2002 , 66,	4.9	105
622	The quark-meson coupling model for Λ and Σ hypernuclei. <i>Nuclear Physics A</i> , 1998 , 630, 691-718	1.3	104

621	Limits on variations of the quark masses, QCD scale, and fine structure constant. <i>Physical Review D</i> , 2004 , 69,	4.9	104
620	Mesonic Contributions to the Spin and Flavor Structure of the Nucleon 2002 , 83-149		104
619	The EMC effect-with emphasis on conventional nuclear corrections. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 1989 , 15, 1523-1569	2.9	101
618	Pionic corrections and multi-quark bags. <i>Journal of Physics G: Nuclear Physics</i> , 1983 , 9, 1159-1167		101
617	Cold uniform matter and neutron stars in the quark-meson-coupling model. <i>Nuclear Physics A</i> , 2007 , 792, 341-369	1.3	100
616	A three-body calculation of \bar{n} scattering. <i>Nuclear Physics A</i> , 1976 , 258, 417-446	1.3	100
615	Near threshold enhancement of the $pp\pi$ mass spectrum in J/ψ decay. <i>Physical Review D</i> , 2005 , 71,	4.9	97
614	Baryon masses from lattice QCD: Beyond the perturbative chiral regime. <i>Physical Review D</i> , 2000 , 61,	4.9	96
613	On studying charm in nuclei through antiproton annihilation. <i>European Physical Journal A</i> , 1999 , 6, 351-359		96
612	Bethe-Salpeter equation and a nonperturbative quark-gluon vertex. <i>Physical Review C</i> , 2002 , 65,	2.7	95
611	Lattice QCD evidence that the $\Lambda(1405)$ resonance is an antikaon-nucleon molecule. <i>Physical Review Letters</i> , 2015 , 114, 132002	7.4	94
610	Extracting nucleon strange and anapole form factors from world data. <i>Physical Review Letters</i> , 2006 , 97, 102002	7.4	94
609	Variations of hadron masses and matter properties in dense nuclear matter. <i>Physical Review C</i> , 1995 , 51, 2757-2764	2.7	94
608	Deep-inelastic scattering from off-shell nucleons. <i>Physical Review D</i> , 1994 , 49, 1183-1198	4.9	94
607	Nucleon magnetic moments beyond the perturbative chiral regime. <i>Physical Review D</i> , 1999 , 60,	4.9	87
606	Low-energy pion scattering in the cloudy-bag model. <i>Journal of Physics G: Nuclear Physics</i> , 1981 , 7, L283-L286		86
605	CHARGE ASYMMETRY OF PARTON DISTRIBUTIONS. <i>Modern Physics Letters A</i> , 1994 , 09, 1799-1806	1.3	82
604	Chiral Symmetry and the BAG Model: A New Starting Point for Nuclear Physics 1984 , 1-137		82

603	Strange electric form factor of the proton. <i>Physical Review Letters</i> , 2006 , 97, 022001	7.4	81
602	A relativistic description of \bar{p} scattering in the (3,3) resonance region. <i>Nuclear Physics A</i> , 1977 , 282, 365-388		81
601	S-wave meson-nucleon scattering in an SU(3) cloudy bag model. <i>Physical Review D</i> , 1985 , 31, 1033-1044	4.9	79
600	Are \bar{p} and \bar{n} nuclear states bound?. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 443, 26-32	4.2	78
599	Dynamical symmetry breaking in the sea of the nucleon. <i>Physical Review Letters</i> , 2000 , 85, 2892-4	7.4	78
598	Determination of the pion-nucleon coupling constant and scattering lengths. <i>Physical Review C</i> , 2002 , 66,	2.7	77
597	Dynamics of light antiquarks in the proton. <i>Physical Review D</i> , 1998 , 59,	4.9	76
596	A new perspective on the \bar{p} contribution to charge-symmetry violation in the nucleon-nucleon force. <i>Few-Body Systems</i> , 1992 , 12, 123-132	1.6	76
595	In-medium electron-nucleon scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 417, 217-223	4.2	74
594	Electromagnetic form factors of the nucleon in an improved quark model. <i>Physical Review C</i> , 1998 , 57, 2628-2637	2.7	73
593	Testing the standard model by precision measurement of the weak charges of quarks. <i>Physical Review Letters</i> , 2007 , 99, 122003	7.4	72
592	Calculation of quark distribution functions using bag-model wave functions. <i>Physical Review D</i> , 1989 , 40, 2832-2843	4.9	72
591	The effect of conventional nuclear binding on nuclear structure functions. <i>Nuclear Physics A</i> , 1986 , 455, 701-719	1.3	72
590	Binding of hypernuclei in the latest quark-meson coupling model. <i>Nuclear Physics A</i> , 2008 , 814, 66-73	1.3	70
589	A relativistic description of \bar{p} scattering. <i>Nuclear Physics A</i> , 1979 , 329, 285-307	1.3	69
588	Isovector EMC effect and the NuTeV anomaly. <i>Physical Review Letters</i> , 2009 , 102, 252301	7.4	68
587	Physical origin of density dependent forces of Skyrme type within the quark meson coupling model. <i>Nuclear Physics A</i> , 2006 , 772, 1-19	1.3	67
586	\bar{p} bound states in nuclei: a probe of flavour-singlet dynamics. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006 , 634, 368-373	4.2	66

- 585 Electromagnetic form factors of the bound nucleon. *Physical Review C*, **1999**, 60, 2.7 66
- 584 Chiral behavior of the rho meson in lattice QCD. *Physical Review D*, **2001**, 64, 4.9 65
- 583 Charge-symmetry breaking in neutron-proton elastic scattering. *Physical Review Letters*, **1986**, 56, 2567-2570 65
- 582 Spin dependent structure functions in the cloudy bag model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1988**, 215, 141-144 4.2 65
- 581 Chiral bag model approach to electroproduction. *Physical Review C*, **1997**, 55, 3108-3114 2.7 64
- 580 Interplay of spin and orbital angular momentum in the proton. *Physical Review Letters*, **2008**, 101, 102003 4 64
- 579 Nucleon mass and pion loops. *Physical Review C*, **2002**, 65, 2.7 64
- 578 Relativistic deuteron structure function. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1994**, 335, 11-16 4.2 64
- 577 In-medium kaon and antikaon properties in the quark-meson coupling model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1998**, 429, 239-246 4.2 63
- 576 Quark structure and nuclear effective forces. *Physical Review Letters*, **2004**, 93, 132502 7.4 62
- 575 Nucleon quark distributions in a covariant quark-diquark model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2005**, 621, 246-252 4.2 62
- 574 Moments of isovector quark distributions from lattice QCD. *Physical Review D*, **2002**, 66, 4.9 61
- 573 Shadowing in deuterium. *Physical Review D*, **1993**, 47, 3783-3793 4.9 61
- 572 Constraints on the momentum dependence of rho-omega mixing. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1994**, 336, 1-5 4.2 61
- 571 Reassessment of the NuTeV determination of the weak mixing angle. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2010**, 693, 462-466 4.2 60
- 570 EMC and polarized EMC effects in nuclei. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **2006**, 642, 210-217 4.2 59
- 569 Kaon-nucleon scattering in an extended cloudy bag model. *Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics*, **1984**, 137, 415-418 4.2 59
- 568 Mass of the H dibaryon. *Physical Review Letters*, **2011**, 107, 092004 7.4 58

567	Spin-dependent structure functions in nuclear matter and the polarized EMC effect. <i>Physical Review Letters</i> , 2005 , 95, 052302	7.4	58
566	Deconfinement at finite chemical potential. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 431, 263-269	4.2	56
565	Nucleon-nucleon scattering above the pion production threshold. <i>Physical Review C</i> , 1979 , 20, 216-224	2.7	56
564	Transversity quark distributions in a covariant quark-quark model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 659, 214-220	4.2	55
563	Explanation of the apparent charge dependence of the pion-nucleon coupling. <i>Physical Review Letters</i> , 1989 , 63, 2025-2027	7.4	55
562	Charmonium absorption by nucleons. <i>Physical Review C</i> , 2001 , 63,	2.7	54
561	The necessity for an improved optical potential in low energy pion-nucleus scattering. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1976 , 61, 361-364	4.2	54
560	Composite nucleons in scalar and vector mean fields. <i>Physical Review C</i> , 1995 , 52, 2789-2791	2.7	53
559	The Nolen-Schiffer anomaly and isospin symmetry breaking in nuclear matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1994 , 335, 17-23	4.2	53
558	Evidence for an enhanced nuclear sea from the proton-nucleus Drell-Yan process. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1984 , 148, 191-193	4.2	53
557	Magnetic moments of the nucleon octet calculated in the cloudy bag model. <i>Physical Review D</i> , 1982 , 25, 284-286	4.9	53
556	The axial form factor of the nucleon and the pion-nucleon vertex function. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1983 , 124, 109-112	4.2	53
555	α corrections to forward-angle parity-violating ep scattering. <i>Physical Review D</i> , 2010 , 82,	4.9	52
554	Parton distribution functions in the pion from lattice QCD. <i>Physical Review D</i> , 2003 , 68,	4.9	52
553	Chiral symmetry and the intrinsic structure of the nucleon. <i>Physical Review Letters</i> , 2001 , 86, 5011-4	7.4	52
552	Charge-symmetry breaking, rho-omega mixing, and the quark propagator. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 293-299	4.2	52
551	The validity of charge symmetry for parton distributions. <i>Progress in Particle and Nuclear Physics</i> , 1998 , 41, 49-124	10.6	51
550	η and η meson propagation in a dense nuclear medium. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1998 , 433, 243-249	4.2	51

549	Quark distributions in nuclear matter and the EMC effect. <i>Nuclear Physics A</i> , 2004 , 735, 482-514	1.3	51
548	Incorporating chiral symmetry in extrapolations of octet baryon magnetic moments. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 489, 143-147	4.2	51
547	Self-consistent description of hypernuclei in the quark-meson coupling model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 411, 9-18	4.2	50
546	Role of diquark correlations and the pion cloud in nucleon elastic form factors. <i>Physical Review C</i> , 2014 , 90,	2.7	49
545	Leading quenching effects in the proton magnetic moment. <i>Physical Review D</i> , 2005 , 71,	4.9	49
544	Neutron structure function and A=3 mirror nuclei. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 493, 36-42	4.2	49
543	Lattice QCD analysis of the strangeness magnetic moment of the nucleon. <i>Physical Review D</i> , 2000 , 62,	4.9	49
542	A microscopic understanding of the structure functions of finite nuclei. <i>Nuclear Physics A</i> , 1994 , 574, 659-684	1.3	49
541	The structure function of the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1988 , 211, 481-484	4.2	49
540	Interference of dibaryon resonances with Faddeev amplitudes for elastic π scattering. <i>Journal of Physics G: Nuclear Physics</i> , 1980 , 6, 171-178		49
539	Neutron Radii Determinations from the Ratio of π Elastic Scattering from C12,13 and O16,18. <i>Physical Review Letters</i> , 1979 , 43, 844-847	7.4	49
538	A possible resolution of the proton spin problem. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008 , 663, 302-305	4.2	48
537	Delta baryon magnetic moments from lattice QCD. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003 , 563, 157-164	4.2	48
536	Deep inelastic scattering from A=3 nuclei and the neutron structure function. <i>Physical Review C</i> , 2003 , 68,	2.7	48
535	Elastic scattering of positive pions from ^{12}C at 30, 40 and 50 MeV. <i>Nuclear Physics A</i> , 1978 , 296, 444-460	1.3	48
534	Incorporating chiral symmetry and heavy quark theory in extrapolations of octet baryon charge radii. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 494, 89-99	4.2	46
533	The nucleon's octet axial-charge. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010 , 684, 216-220	4.2	45
532	Quark-gluon vertex dressing and meson masses beyond ladder-rainbow truncation. <i>Physical Review C</i> , 2007 , 75,	2.7	45

531	A Method to Unambiguously Determine the Parity of the Ω Pentaquark 2004 , 111, 291-293		45
530	Novel features of J/ψ dissociation in matter. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000 , 484, 23-29	4.2	45
529	Rho-omega mixing and the pion electromagnetic form-factor. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 354, 14-19	4.2	45
528	Role of vector mesons in high- Q^2 lepton-nucleon scattering. <i>Physical Review D</i> , 1993 , 47, 3794-3803	4.9	45
527	Revealing dressed quarks via the proton's charge distribution. <i>Physical Review Letters</i> , 2013 , 111, 101803	3.4	44
526	Emeson photoproduction from nuclei. <i>European Physical Journal A</i> , 2006 , 29, 209-220	2.5	44
525	One-boson-exchange potential based on a soft pion form factor. <i>Physical Review C</i> , 1990 , 42, 1195-1199	2.7	44
524	Charge-symmetry breaking in neutron-proton elastic scattering. <i>Physical Review C</i> , 1987 , 36, 1956-1967	2.7	44
523	Transverse-momentum-dependent fragmentation and quark distribution functions from the Nambu-Gona-Lasinio jet model. <i>Physical Review D</i> , 2012 , 85,	4.9	43
522	Chiral extrapolation of octet-baryon charge radii. <i>Physical Review D</i> , 2009 , 79,	4.9	43
521	Chiral extrapolation of nucleon magnetic form factors. <i>Physical Review D</i> , 2007 , 75,	4.9	43
520	Parton distributions for the octet and decuplet baryons. <i>Physical Review D</i> , 1999 , 60,	4.9	43
519	Octet baryon electromagnetic form factors in nuclear medium. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2013 , 40, 015102	2.9	42
518	Sigma terms from an SU(3) chiral extrapolation. <i>Physical Review D</i> , 2013 , 87,	4.9	42
517	Chiral and continuum extrapolation of partially-quenched lattice results. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005 , 628, 125-130	4.2	42
516	A proton exchange membrane fuel cell impedance model taking into account convection along the air channel: On the bias between the low frequency limit of the impedance and the slope of the polarization curve. <i>Electrochimica Acta</i> , 2012 , 83, 13-27	6.7	41
515	HERA anomaly and hard charm in the nucleon. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 414, 134-139	4.2	41
514	Deep inelastic scattering from polarized deuterons. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 346, 165-171	4.2	41

513	Emeson mass in light nuclei. <i>Physical Review C</i> , 1997 , 56, 566-569	2.7	40
512	Nucleons, nuclear matter and quark matter: a unified NJL approach. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2006 , 32, 667-679	2.9	40
511	Nuclear-bound quarkonia and heavy-flavor hadrons. <i>Progress in Particle and Nuclear Physics</i> , 2018 , 100, 161-210	10.6	39
510	Quark-meson coupling model, nuclear matter constraints, and neutron star properties. <i>Physical Review C</i> , 2014 , 89,	2.7	39
509	Toward a resolution of the proton size puzzle. <i>Physical Review A</i> , 2011 , 84,	2.6	39
508	Resonance model study of strangeness production in pp collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997 , 390, 29-35	4.2	39
507	Gottfried sum rule and the shape of $F_2^p - F_2^d$. <i>Zeitschrift für Physik A</i> , 1991 , 340, 85-92		39
506	Magnetic form factors of the octet baryons from lattice QCD and chiral extrapolation. <i>Physical Review D</i> , 2014 , 89,	4.9	38
505	Mesonic corrections to the shape of quark distributions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1995 , 358, 139-145	4.2	38
504	Towards a microscopic understanding of nuclear structure functions. <i>Physical Review C</i> , 1992 , 46, R2149-R2152	3.8	38
503	A microscopic approach to sigma-hypernuclei. <i>Nuclear Physics A</i> , 1983 , 392, 409-437	1.3	38
502	The influence of absorption on possible nucleon-antinucleon resonances and bound states. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1976 , 64, 59-61	4.2	38
501	Implications of neutron star properties for the existence of light dark matter. <i>Journal of Physics G: Nuclear and Particle Physics</i> , 2018 , 45, 05LT01	2.9	37
500	Finite Nuclei in the Quark-Meson Coupling Model. <i>Physical Review Letters</i> , 2016 , 116, 092501	7.4	37
499	Charge symmetry at the partonic level. <i>Reviews of Modern Physics</i> , 2010 , 82, 2009-2052	40.5	37
498	Strange magnetic form factor of the proton at $Q^2=0.23 \text{ GeV}^2$. <i>Physical Review C</i> , 2009 , 79,	2.7	37
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496	Medium dependence of the bag constant in the quark-meson coupling model. <i>Nuclear Physics A</i> , 1998 , 634, 443-462	1.3	37

495	Evidence for Substantial Charge Symmetry Violation in Parton Distributions. <i>Physical Review Letters</i> , 1998 , 81, 4075-4078	7.4	37
494	Pion cloud of the nucleon and its effect on deep-inelastic structure. <i>Physical Review D</i> , 1992 , 45, 3069-3078	7.3	37
493	On the interpretation of the European Muon Collaboration effect. <i>Physical Review D</i> , 1986 , 33, 2061-2064	4.9	37
492	Consistent evaluation of charge-symmetry breaking effects in the neutron-proton interaction. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1987 , 195, 121-125	4.2	36
491	Spin structure functions and gluon exchange. <i>Physical Review D</i> , 1988 , 38, 1633-1635	4.9	36
490	New formulation of \mathbb{Z} box corrections to the weak charge of the proton. <i>Physical Review Letters</i> , 2011 , 107, 081801	7.4	35
489	Structure functions for the three-nucleon system. <i>Physical Review C</i> , 2001 , 64,	2.7	35
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482	Nuclear shadowing at small x and Q^2 . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1993 , 317, 437-442	4.2	34
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