

P T Debevec

List of Publications by Year in descending order

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citations

394421

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39
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39
docs citations

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times ranked

5403
citing authors

#	ARTICLE	IF	CITATIONS
1	Final report of the E821 muon anomalous magnetic moment measurement at BNL. Physical Review D, 2006, 73, .	4.7	1,800
2	Measurement of the Positive Muon Anomalous Magnetic Moment to 0.46Åppm. Physical Review Letters, 2021, 126, 141801.	7.8	991
3	Measurement of the Negative Muon Anomalous Magnetic Moment to 0.7Åppm. Physical Review Letters, 2004, 92, 161802.	7.8	628
4	Precise Measurement of the Positive Muon Anomalous Magnetic Moment. Physical Review Letters, 2001, 86, 2227-2231.	7.8	489
5	Measurement of the Positive Muon Anomalous Magnetic Moment to 0.7Åppm. Physical Review Letters, 2002, 89, 101804.	7.8	378
6	Elastic scattering of 80-180 MeV protons and the proton-nucleus optical potential. Physical Review C, 1981, 23, 1023-1043.	2.9	264
7	Improved limit on the muon electric dipole moment. Physical Review D, 2009, 80, .	4.7	215
8	New Measurement of the Anomalous Magnetic Moment of the Positive Muon. Physical Review Letters, 1999, 82, 1632-1635.	7.8	87
9	Improved measurement of the positive muon anomalous magnetic moment. Physical Review D, 2000, 62, .	4.7	70
10	Inelastic excitation of C12 and N14 by 122 MeV protons and implications for the effective nucleon-nucleon interaction. Physical Review C, 1980, 21, 2147-2161.	2.9	57
11	Search for Lorentz and C violation Effects in Muon Spin Precession. Physical Review Letters, 2008, 100, 091602.	7.8	57
12	Magnetic-field measurement and analysis for the Muon $g-2$ Experiment at Fermilab. Physical Review A, 2021, 103, .	7.8	52
13	Energy Dependence of Pion Production by Protons on Nuclei. Physical Review Letters, 1979, 42, 1461-1465.	7.8	34
14	Elastic photon scattering from carbon and calcium and its interpretation. Physical Review C, 1985, 32, 1174-1186.	2.9	31
15	Study of the reaction $p + p \rightarrow p + p + \pi^0$ from 1.1 to 2.0 GeV/c. Physical Review D, 1998, 57, 5370-5381.	4.7	27
16	Inclusive proton reactions at 164 MeV. Physical Review C, 1982, 26, 2424-2432.	2.9	25
17	Forward-to-backward asymmetry of the (\hat{p}^3, n) reaction in the energy range 20 to 30 MeV. Physical Review C, 1987, 35, 479-494.	2.9	21
18	Experimental Test of One-Pion Exchange and Partial Conservation of Axial-Vector Current in Proton-Nucleus Charge-Exchange Reactions at 144 MeV. Physical Review Letters, 1979, 43, 910-913.	7.8	19

#	ARTICLE	IF	CITATIONS
19	Absolute measurement of the differential cross section for the reaction $He4(\hat{I}^3,p)3H$ from 63 to 71 MeV. <i>Physical Review C</i> , 1991, 43, 2052-2066.	2.9	19
20	Failure of the Coexistence Model to Account for Observed Two-Neutron Pickup Cross Sections. <i>Physical Review Letters</i> , 1972, 29, 883-886.	7.8	17
21	Positive-Pion Production by 160-MeV Protons on $Zr90$ and $Pb208$. <i>Physical Review Letters</i> , 1978, 40, 495-498.	7.8	17
22	$H2(\hat{I}^3,p)$ cross section between 20 and 440 MeV. <i>Physical Review C</i> , 1994, 50, 74-83.	2.9	16
23	Measurement of the $p\hat{A}^-p\hat{A}^+KSKS$ reaction from 0.6 to 1.9 GeV/c. <i>Physical Review D</i> , 1997, 56, 3803-3810.	4.7	13
24	Photon scattering from $Pb206$. <i>Physical Review C</i> , 1986, 34, 480-488.	2.9	12
25	Search for enhancements due to pion condensation precursors in $(p,p\hat{A}^2)$ reactions on $C12$. <i>Physical Review C</i> , 1981, 24, 792-795.	2.9	10
26	Proton-nucleus charge exchange measurements at 144 MeV as a test of one-pion exchange and the partially conserved axial vector current. <i>Physical Review C</i> , 1980, 21, 2211-2226.	2.9	9
27	Elastic Photon Scattering and the $E2$ Strength Function in Carbon and Calcium. <i>Physical Review Letters</i> , 1984, 52, 244-246.	7.8	9
28	A sensitive search for a muon electric dipole moment. <i>AIP Conference Proceedings</i> , 2001, , .	0.4	9
29	Determination of the optical potential for elastic proton scattering on $Li6$, $C12$, and $N14$ at 144 MeV. <i>Physical Review C</i> , 1980, 21, 25-27.	2.9	8
30	Statistical and nonstatistical neutron decay of the giant electric dipole resonance of $Pb208$. <i>Physical Review C</i> , 1991, 43, R2470-R2473.	2.9	8
31	A Sensitive Search for a Muon Electric Dipole Moment. <i>International Journal of Modern Physics A</i> , 2001, 16, 690-693.	1.5	7
32	Absolute measurement of the differential cross section for deuteron photodisintegration from 63 to 71 MeV. <i>Physical Review C</i> , 1992, 45, 904-914.	2.9	6
33	Reaction $Ca42(p,t)Ca40$ and the structure of $Ca40$. <i>Physical Review C</i> , 1974, 10, 680-696.	2.9	5
34	Photon neutron studies of the giant isovector quadrupole resonance in calcium, cadmium, and lead. <i>Journal of Physics G: Nuclear Physics</i> , 1988, 14, S275-S282.	0.8	5
35	MUON $g-2$ EXPERIMENT AT BROOKHAVEN NATIONAL LABORATORY. <i>International Journal of Modern Physics A</i> , 2001, 16, 287-291.	1.5	2
36	Recent results and current status of the muon $g-2$ experiment at BNL. <i>Canadian Journal of Physics</i> , 2002, 80, 1355-1364.	1.1	2

#	ARTICLE	IF	CITATIONS
37	A flexible nuclear counter for an introductory physics laboratory. American Journal of Physics, 1987, 55, 356-359.	0.7	1
38	Status of the BNL muon., 1997,,.		0
39	The muon anomalous magnetic moment experiment at Brookhaven. AIP Conference Proceedings, 2001,,.	0.4	0