

Emmanuel A Paschos

List of Publications by Year in descending order

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92
papers

4,425
citations

186209

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102432

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93
docs citations

93
times ranked

4246
citing authors

#	ARTICLE	IF	CITATIONS
1	Inelastic Electron-Proton and $\hat{1}^3$ -Proton Scattering and the Structure of the Nucleon. Physical Review, 1969, 185, 1975-1982.	2.7	982
2	A facility to search for hidden particles at the CERN SPS: the SHiP physics case. Reports on Progress in Physics, 2016, 79, 124201.	8.1	496
3	Baryogenesis from a lepton asymmetric universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 248-252.	1.5	399
4	Diagonal neutral currents. Physical Review D, 1977, 15, 1966-1972.	1.6	379
5	Baryogenesis through mixing of heavy Majorana neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 693-699.	1.5	214
6	Tests for Neutral Currents in Neutrino Reactions. Physical Review D, 1973, 7, 91-95.	1.6	159
7	Resonance production by neutrinos: The second resonance region. Physical Review D, 2006, 74, .	1.6	110
8	Neutrino interactions in oscillation experiments. Physical Review D, 2002, 65, .	1.6	107
9	Electroweak symmetry breaking by fourth-generation condensates and the neutrino spectrum. Physical Review D, 1991, 43, 3011-3025.	1.6	106
10	Quark mixing and CP violation. Physics Reports, 1989, 178, 145-260.	10.3	102
11	Resonance production by neutrinos: $J=3/2$ resonances. Physical Review D, 2005, 71, .	1.6	80
12	A simple connection between neutrino oscillation and leptogenesis. Journal of High Energy Physics, 2001, 2001, 029-029.	1.6	79
13	Neutrino production of resonances. Physical Review D, 2004, 69, .	1.6	65
14	High-Energy Inelastic Neutrino-Nucleon Interactions. Physical Review D, 1970, 1, 3151-3160.	1.6	64
15	CORRELATIONS BETWEEN $\hat{1}\mu\hat{e}^2/\hat{1}\mu$ AND HEAVY TOP. Modern Physics Letters A, 1991, 06, 93-105.	0.5	64
16	High-Energy Limit for the Real Part of Forward Compton Scattering. Physical Review, 1969, 178, 2300-2301.	2.7	62
17	Leptogenesis in left-right symmetric theories. Nuclear Physics B, 2001, 611, 227-238.	0.9	58
18	All electromagnetic form factors. European Journal of Physics, 2005, 26, 545-560.	0.3	51

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19	Nuclear charge-exchange corrections to leptonic pion production in the (3, 3)-resonance region. Physical Review D, 1974, 9, 2125-2143.	1.6	49
20	Weak Corrections to the $e^+e^- \rightarrow \gamma^* \rightarrow \pi^0 \pi^0$ Asymmetry. Physical Review Letters, 1984, 52, 1192-1194.	2.9	44
21	Further considerations on the CP asymmetry in heavy majorana neutrino decays. Physical Review D, 1998, 58, .	1.6	44
22	Weak interactions in six- and eight-quark models. Nuclear Physics B, 1980, 169, 384-402.	0.9	42
23	$1/N_c$ corrections to the hadronic matrix elements of Q_6 and Q_8 in $K^+ \rightarrow \pi^0 e^+ e^-$ decays. Physical Review D, 1998, 58, .	1.6	41
24	Coherent pion production by neutrino scattering off nuclei. Physical Review D, 2006, 74, .	1.6	41
25	Coherent pion production by neutrinos. Physical Review D, 2009, 80, .	1.6	32
26	Corrections to the mixing angle in the grand unified theories. Nuclear Physics B, 1979, 159, 285-292.	0.9	31
27	Large neutrino mixing from renormalization group evolution. Physical Review D, 2001, 63, .	1.6	29
28	Hadronic production of narrow vector mesons. Physical Review D, 1977, 15, 2572-2575.	1.6	28
29	The fermion mass matrices near a fixed point. Zeitschrift für Physik C-Particles and Fields, 1984, 26, 235-239.	1.5	28
30	Quark-hadron duality in neutrino scattering. Physical Review C, 2007, 75, .	1.1	24
31	Quantum chromodynamic corrections for $\hat{\Gamma}^n F=2$ processes in the presence of a heavy top quark. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 63-70.	1.5	22
32	S 3 flavor symmetry and leptogenesis. European Physical Journal C, 2006, 45, 465-475.	1.4	21
33	Mixing of States Containing Heavy Quarks. Physical Review Letters, 1977, 39, 858-861.	2.9	18
34	Lepton pair production in hadron-hadron collisions. Physical Review D, 1974, 10, 1502-1509.	1.6	16
35	Glueball contribution to $K_L \rightarrow \pi^0 \pi^0$ and its possible detection in D_s decay. Physical Review Letters, 1990, 64, 1003-1006.	2.9	16
36	Tests for Neutral Currents in Weak Pion Production. Physical Review D, 1973, 7, 2220-2225.	1.6	15

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37	Intermediate-boson and dilepton production in hadronic interactions. Physical Review D, 1976, 14, 118-125.	1.6	15
38	Meson-Nucleon Elastic Scattering and Photomeson Production Via the Δ Channel. Physical Review Letters, 1968, 21, 1855-1859.	2.9	14
39	Asymptotic Behavior of Weak Spectral Functions and Hadronic Decays of the W Boson. Physical Review D, 1971, 3, 1178-1184.	1.6	14
40	Model-independent determination of hadronic neutral-current couplings. Physical Review D, 1979, 19, 1373-1381.	1.6	14
41	Constraints on gauge theories with diagonal neutral currents. Physical Review D, 1977, 15, 3416-3420.	1.6	13
42	NOSTOS: a spherical TPC to detect low energy neutrinos. AIP Conference Proceedings, 2005, , .	0.3	13
43	Consequences of Scaling for Neutrino Interactions. Physical Review D, 1973, 8, 215-220.	1.6	12
44	Confronting experiments with numerical analysis of the Fritzsch-type mass matrices. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 75-81.	1.5	12
45	Condensation effects beyond one loop in the top-mode standard model without gauge bosons. Physical Review D, 1996, 53, 2820-2838.	1.6	12
46	Momentum distribution in the decay $B \rightarrow \ell \bar{\nu} X$. Physical Review D, 1997, 56, 5794-5804.	1.6	12
47	Radiatively corrected semileptonic spectra in B meson decays. European Physical Journal C, 1998, 1, 523-529.	1.4	11
48	Electron spectra in the ionization of atoms by neutrinos. Physical Review D, 2004, 70, .	1.6	11
49	Regge Analysis of π^0 and η Photoproduction at Backward Angles. Physical Review D, 1970, 1, 2040-2046.	1.6	10
50	Compton Terms in Inelastic Photoproduction of Muon Pairs. Physical Review D, 1970, 1, 1450-1451.	1.6	10
51	Determination of the weak neutral couplings to hadrons from inclusive, semi-inclusive, and elastic reactions. Physical Review D, 1979, 19, 83-85.	1.6	10
52	Leptogenesis. Pramana - Journal of Physics, 2004, 62, 359-367.	0.9	10
53	Symmetry Relations for Deep-Inelastic Processes. Physical Review Letters, 1972, 29, 525-529.	2.9	9
54	Neutrino-induced meson production in nucleon-decay detectors. Physical Review D, 1986, 33, 1233-1238.	1.6	9

#	ARTICLE	IF	CITATIONS
55	Possible test for CPT invariance with correlated neutral B decays. Physical Review D, 2003, 68, .	1.6	9
56	A technique for improving the observation of CP-nonconservation in B ⁰ meson decays. Zeitschrift für Physik C-Particles and Fields, 1985, 28, 521-523.	1.5	8
57	Does CPT violation affect the B _d meson life times and decay asymmetries?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 548, 146-152.	1.5	8
58	Angular dependence of coherent pion production by neutrinos. European Physical Journal Plus, 2014, 129, 1.	1.2	8
59	Neutrino production of hadrons at low energy and in the small Q ² region. Physical Review D, 2011, 84, .	1.6	7
60	Test of the Algebra of Bilocal Operators. Physical Review D, 1972, 6, 1340-1346.	1.6	5
61	Leptogenesis with a fuzzy mass shell for Majorana neutrinos. Physical Review D, 2000, 62, .	1.6	5
62	Possible Axial Couplings of the New Resonances. Physical Review Letters, 1975, 34, 358-361.	2.9	4
63	CP violation in the time evolution of the decay $K^0 \rightarrow \pi^0 e^+ e^-$. Physical Review D, 1995, 52, 175-180.	1.6	4
64	Progress on a spherical TPC for low energy neutrino detection. Journal of Physics: Conference Series, 2006, 39, 281-283.	0.3	4
65	A Light Mediator Relating Neutrino Reactions. Universe, 2021, 7, 204.	0.9	4
66	New Approach to Relations Between Deep-Inelastic Structure Functions. Physical Review D, 1973, 8, 2325-2328.	1.6	3
67	Testing the Adler and Gross-Llewellyn Smith Sum Rules in High-Energy Neutrino Reactions. Physical Review D, 1973, 8, 984-987.	1.6	3
68	Polarization correlations in electron-positron reactions. Physical Review D, 1976, 13, 745-751.	1.6	3
69	Baryon and lepton number assignment in E6 models. Physical Review D, 1995, 52, 1701-1705.	1.6	3
70	Resonance production by neutrinos. Nuclear Physics, Section B, Proceedings Supplements, 2006, 159, 133-140.	0.5	3
71	Study of Neutrino Reactions for Low Values of Q^2 . Advances in High Energy Physics, 2013, 2013, 1-7.	0.5	3
72	Regge Poles for Spinless Particles in the Backward Direction. Physical Review, 1968, 171, 1620-1626.	2.7	2

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73	Sum Rule for the Vector-Axial-Vector Interference Form Factor in Inelastic Neutrino-Nucleon Scattering. Physical Review D, 1970, 1, 3138-3140.	1.6	2
74	Duality in Neutrino Reactions. AIP Conference Proceedings, 2007, , .	0.3	2
75	The Path Forward: Neutrino-Induced Coherent Pion Production Discussion. , 2009, , .		2
76	Relations between Crossing-Symmetric Processes. Physical Review, 1969, 188, 2281-2283.	2.7	1
77	Soft-Pion Results for Inclusive Reactions. Physical Review D, 1972, 6, 379-382.	1.6	1
78	Coherent Pion Production by Neutrinos. , 2009, , .		1
79	Flavor changing neutral couplings for leptons. European Physical Journal: Special Topics, 2021, 230, 4405-4408.	1.2	1
80	Light-Cone Relations for the Strangeness-Changing Structure Functions. Physical Review D, 1972, 6, 817-819.	1.6	0
81	Test for the spin of gluons. Physical Review D, 1980, 22, 2748-2751.	1.6	0
82	Possible Signatures of the Fourth Generation at Present Energies. Annals of the New York Academy of Sciences, 1987, 518, 245-254.	1.8	0
83	Aspects of neutrino reactions at the first muon collider. , 1998, , . Vector meson contributions in $\langle \text{si1.gif} \rangle$ overflow="scroll"		0
84	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	1.5	0
85	NOSTOS: A NEW LOW-ENERGY NEUTRINO EXPERIMENT. , 2005, , .		0
86	Coherent Pion Production by Neutrinos. AIP Conference Proceedings, 2007, , .	0.3	0
87	CP violation: K mesons. , 0, , 180-202.		0
88	CP violation: D and B mesons. , 0, , 203-217.		0
89	Neutrino Masses and Interactions in a Model with Nambu-Goldstone Bosons. AIP Conference Proceedings, 2007, , .	0.3	0
90	Aspects of neutrino interactions (scatterings at the low Q ² -region). AIP Conference Proceedings, 2015, , .	0.3	0

#	ARTICLE	IF	CITATIONS
91	Quarks and Partons. , 1977, , 501-514.		0
92	Some Current Issues in Gauge Theories. , 1979, , 485-558.		0