

Emmanuel A Paschos

List of Publications by Year in descending order

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92
papers

4,425
citations

186209

28
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102432

66
g-index

93
all docs

93
docs citations

93
times ranked

4246
citing authors

#	ARTICLE	IF	CITATIONS
1	A Light Mediator Relating Neutrino Reactions. Universe, 2021, 7, 204.	0.9	4
2	Flavor changing neutral couplings for leptons. European Physical Journal: Special Topics, 2021, 230, 4405-4408.	1.2	1
3	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
4	Aspects of neutrino interactions (scatterings at the low Q ² -region). AIP Conference Proceedings, 2015, , .	0.3	0
5	Angular dependence of coherent pion production by neutrinos. European Physical Journal Plus, 2014, 129, 1.	1.2	8
6	Study of Neutrino Reactions for Low Values of. Advances in High Energy Physics, 2013, 2013, 1-7.	0.5	3
7	Neutrino production of hadrons at low energy and in the small Q ² region. Physical Review D, 2011, 84, .	1.6	7
8	Coherent pion production by neutrinos. Physical Review D, 2009, 80, .	1.6	32
9	Coherent Pion Production by Neutrinos. , 2009, , .		1
10	The Path Forward: Neutrino-Induced Coherent Pion Production Discussion. , 2009, , .		2
11	Quark-hadron duality in neutrino scattering. Physical Review C, 2007, 75, .	1.1	24
12	Coherent Pion Production by Neutrinos. AIP Conference Proceedings, 2007, , .	0.3	0
13	Duality in Neutrino Reactions. AIP Conference Proceedings, 2007, , .	0.3	2
14	Neutrino Masses and Interactions in a Model with Nambu-Goldstone Bosons. AIP Conference Proceedings, 2007, , .	0.3	0
15	Progress on a spherical TPC for low energy neutrino detection. Journal of Physics: Conference Series, 2006, 39, 281-283.	0.3	4
16	Coherent pion production by neutrino scattering off nuclei. Physical Review D, 2006, 74, .	1.6	41
17	Resonance production by neutrinos: The second resonance region. Physical Review D, 2006, 74, .	1.6	110
18	S 3 flavor symmetry and leptogenesis. European Physical Journal C, 2006, 45, 465-475.	1.4	21

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19	Resonance production by neutrinos. Nuclear Physics, Section B, Proceedings Supplements, 2006, 159, 133-140.	0.5	3
20	NOSTOS: A NEW LOW-ENERGY NEUTRINO EXPERIMENT. , 2005, , .		0
21	All electromagnetic form factors. European Journal of Physics, 2005, 26, 545-560.	0.3	51
22	Resonance production by neutrinos: $J=3/2$ resonances. Physical Review D, 2005, 71, .	1.6	80
23	NOSTOS: a spherical TPC to detect low energy neutrinos. AIP Conference Proceedings, 2005, , .	0.3	13
24	Neutrino production of resonances. Physical Review D, 2004, 69, .	1.6	65
25	Electron spectra in the ionization of atoms by neutrinos. Physical Review D, 2004, 70, .	1.6	11
26	Leptogenesis. Pramana - Journal of Physics, 2004, 62, 359-367.	0.9	10
27	Vector meson contributions in $\langle \text{mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x$	1.5	0
28	Possible test for CPT invariance with correlated neutral B decays. Physical Review D, 2003, 68, .	1.6	9
29	Neutrino interactions in oscillation experiments. Physical Review D, 2002, 65, .	1.6	107
30	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
31	Leptogenesis in left-right symmetric theories. Nuclear Physics B, 2001, 611, 227-238.	0.9	58
32	A simple connection between neutrino oscillation and leptogenesis. Journal of High Energy Physics, 2001, 2001, 029-029.	1.6	79
33	Large neutrino mixing from renormalization group evolution. Physical Review D, 2001, 63, .	1.6	29
34	Leptogenesis with fuzzy mass shell for Majorana neutrinos. Physical Review D, 2000, 62, .	1.6	5
35	Radiatively corrected semileptonic spectra in B meson decays. European Physical Journal C, 1998, 1, 523-529.	1.4	11
36	Further considerations on the CP asymmetry in heavy majorana neutrino decays. Physical Review D, 1998, 58, .	1.6	44

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37	1/N 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
38	Aspects of neutrino reactions at the first muon collider. , 1998, , .		0
39	Momentum distribution in the decay $B^+ \rightarrow \pi^+ X$. Physical Review D, 1997, 56, 5794-5804.	1.6	12
40	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
41	Condensation effects beyond one loop in the top-mode standard model without gauge bosons. Physical Review D, 1996, 53, 2820-2838.	1.6	12
42	Baryogenesis from a lepton asymmetric universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 248-252.	1.5	399
43	Baryon and lepton number assignment in E6 models. Physical Review D, 1995, 52, 1701-1705.	1.6	3
44	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
45	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
46	Electroweak symmetry breaking by fourth-generation condensates and the neutrino spectrum. Physical Review D, 1991, 43, 3011-3025.	1.6	106
47	CORRELATIONS BETWEEN $\hat{\mu}^2/\hat{\mu}$ AND HEAVY TOP. Modern Physics Letters A, 1991, 06, 93-105.	0.5	64
48	Quantum chromodynamic corrections for $\hat{\Gamma}^2$ processes in the presence of a heavy top quark. Zeitschrift für Physik C-Particles and Fields, 1990, 46, 63-70.	1.5	22
49	Glueball contribution to $KL^+ \rightarrow 2\pi^0$ and its possible detection in D_s decay. Physical Review Letters, 1990, 64, 1003-1006.	2.9	16
50	Quark mixing and CP violation. Physics Reports, 1989, 178, 145-260.	10.3	102
51	Possible Signatures of the Fourth Generation at Present Energies. Annals of the New York Academy of Sciences, 1987, 518, 245-254.	1.8	0
52	Neutrino-induced meson production in nucleon-decay detectors. Physical Review D, 1986, 33, 1233-1238.	1.6	9
53	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
54	The fermion mass matrices near a fixed point. Zeitschrift für Physik C-Particles and Fields, 1984, 26, 235-239.	1.5	28

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55	Weak Corrections to the $e^+e^- \rightarrow \gamma^* \rightarrow q\bar{q}$ Asymmetry. Physical Review Letters, 1984, 52, 1192-1194.	2.9	44
56	Test for the spin of gluons. Physical Review D, 1980, 22, 2748-2751.	1.6	0
57	Weak interactions in six- and eight-quark models. Nuclear Physics B, 1980, 169, 384-402.	0.9	42
58	Model-independent determination of hadronic neutral-current couplings. Physical Review D, 1979, 19, 1373-1381.	1.6	14
59	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
60	Corrections to the mixing angle in the grand unified theories. Nuclear Physics B, 1979, 159, 285-292.	0.9	31
61	Some Current Issues in Gauge Theories. , 1979, , 485-558.		0
62	Diagonal neutral currents. Physical Review D, 1977, 15, 1966-1972.	1.6	379
63	Mixing of States Containing Heavy Quarks. Physical Review Letters, 1977, 39, 858-861.	2.9	18
64	Constraints on gauge theories with diagonal neutral currents. Physical Review D, 1977, 15, 3416-3420.	1.6	13
65	Hadronic production of narrow vector mesons. Physical Review D, 1977, 15, 2572-2575.	1.6	28
66	Quarks and Partons. , 1977, , 501-514.		0
67	Polarization correlations in electron-positron reactions. Physical Review D, 1976, 13, 745-751.	1.6	3
68	Intermediate-boson and dilepton production in hadronic interactions. Physical Review D, 1976, 14, 118-125.	1.6	15
69	Possible Axial Couplings of the New Resonances. Physical Review Letters, 1975, 34, 358-361.	2.9	4
70	Nuclear charge-exchange corrections to leptonic pion production in the $(3, 3)$ -resonance region. Physical Review D, 1974, 9, 2125-2143.	1.6	49
71	Lepton pair production in hadron-hadron collisions. Physical Review D, 1974, 10, 1502-1509.	1.6	16
72	Tests for Neutral Currents in Weak Pion Production. Physical Review D, 1973, 7, 2220-2225.	1.6	15

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73	Tests for Neutral Currents in Neutrino Reactions. Physical Review D, 1973, 7, 91-95.	1.6	159
74	New Approach to Relations Between Deep-Inelastic Structure Functions. Physical Review D, 1973, 8, 2325-2328.	1.6	3
75	Consequences of Scaling for Neutrino Interactions. Physical Review D, 1973, 8, 215-220.	1.6	12
76	Testing the Adler and Gross-Llewellyn Smith Sum Rules in High-Energy Neutrino Reactions. Physical Review D, 1973, 8, 984-987.	1.6	3
77	Soft-Pion Results for Inclusive Reactions. Physical Review D, 1972, 6, 379-382.	1.6	1
78	Light-Cone Relations for the Strangeness-Changing Structure Functions. Physical Review D, 1972, 6, 817-819.	1.6	0
79	Test of the Algebra of Bilocal Operators. Physical Review D, 1972, 6, 1340-1346.	1.6	5
80	Symmetry Relations for Deep-Inelastic Processes. Physical Review Letters, 1972, 29, 525-529.	2.9	9
81	Asymptotic Behavior of Weak Spectral Functions and Hadronic Decays of the W Boson. Physical Review D, 1971, 3, 1178-1184.	1.6	14
82	High-Energy Inelastic Neutrino-Nucleon Interactions. Physical Review D, 1970, 1, 3151-3160.	1.6	64
83	Regge Analysis of π^0 and π^+ Photoproduction at Backward Angles. Physical Review D, 1970, 1, 2040-2046.	1.6	10
84	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
85	Compton Terms in Inelastic Photoproduction of Muon Pairs. Physical Review D, 1970, 1, 1450-1451.	1.6	10
86	High-Energy Limit for the Real Part of Forward Compton Scattering. Physical Review, 1969, 178, 2300-2301.	2.7	62
87	Relations between Crossing-Symmetric Processes. Physical Review, 1969, 188, 2281-2283.	2.7	1
88	Inelastic Electron-Proton and $\bar{\nu}^3$ -Proton Scattering and the Structure of the Nucleon. Physical Review, 1969, 185, 1975-1982.	2.7	982
89	Meson-Nucleon Elastic Scattering and Photomeson Production Via the ρ Channel. Physical Review Letters, 1968, 21, 1855-1859.	2.9	14
90	Regge Poles for Spinless Particles in the Backward Direction. Physical Review, 1968, 171, 1620-1626.	2.7	2

#	ARTICLE	IF	CITATIONS
91	CP violation: K mesons. , 0, , 180-202.		0
92	CP violation: D and B mesons. , 0, , 203-217.		0