

Leo Stodolsky

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,842
citations

566801

15
h-index

395343

33
g-index

34
all docs

34
docs citations

34
times ranked

1712
citing authors

#	ARTICLE	IF	CITATIONS
1	Mixing of the photon with low-mass particles. Physical Review D, 1988, 37, 1237-1249.	1.6	635
2	Vector Meson Exchange Model for Isobar Production. Physical Review Letters, 1963, 11, 90-93.	2.9	239
3	Photon Dissociation Model for Vector-Meson Photoproduction. Physical Review, 1966, 149, 1172-1181.	2.7	223
4	Matter and light wave interferometry in gravitational fields. General Relativity and Gravitation, 1979, 11, 391-405.	0.7	143
5	Use of the Photon Analogy in a Model of Isobar Production. Physical Review, 1964, 134, B1099-B1110.	2.7	90
6	Parity violation in threshold neutron scattering. Nuclear Physics B, 1982, 197, 213-227.	0.9	84
7	Novel time-reversal tests in low-energy neutron propagation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 172, 5-9.	1.5	53
8	Multiplicity Growth and Leading Particle Energy Loss. Physical Review Letters, 1972, 28, 60-63.	2.9	51
9	The speed of light and the speed of neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 201, 353-354.	1.5	49
10	Application of Nuclear Coherence Properties to Elementary-Particle Reactions. Physical Review, 1966, 144, 1145-1153.	2.7	45
11	Two-Photon Exchange in Electron-Deuteron Scattering. Physical Review Letters, 1973, 30, 345-348.	2.9	45
12	New particles from nuclear reactions in the sun. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1982, 119, 323-327.	1.5	26
13	Method for Measuring the Photon-Photon Total Cross Section. Physical Review Letters, 1971, 26, 404-407.	2.9	23
14	"Regeneration" Effects in π^0 Production. Physical Review Letters, 1966, 17, 563-568.	2.9	18
15	Investigation of ZnWO_4 Crystals as Scintillating Absorbers for Direct Dark Matter Search Experiments. IEEE Transactions on Nuclear Science, 2008, 55, 1449-1452.	1.2	18
16	Evidence for an energy-invariant $\text{d}\sigma/\text{d}\Omega$ in proton-proton scattering at very high energies. Physical Review D, 2015, 91, .	1.6	15
17	Neutrino and Dark-Matter Detection at Low Temperature. Physics Today, 1991, 44, 24-32.	0.3	13
18	Theorem in matter-wave interferometry. Physical Review D, 1980, 22, 1337-1341.	1.6	12

#	ARTICLE	IF	CITATIONS
19	CP and unusual collider events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 150, 221-222.	1.5	10
20	Neutron optical activity. Nature, 1981, 290, 735-736.	13.7	8
21	Exact density of states and its critical behavior. Nuclear Physics B, 1994, 413, 813-826.	0.9	8
22	Relativistic spin relaxation in stochastic electromagnetic fields. Physical Review D, 1989, 40, 3520-3524.	1.6	6
23	Superconducting grains as micro-calorimeters. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 230, 159-161.	1.5	5
24	The CRESST II Dark Matter Search. Journal of Physics: Conference Series, 2012, 384, 012013.	0.3	4
25	Limits on primordial black holes from M87. Physical Review D, 2022, 105, .	1.6	4
26	Phases in Vector-Meson Photoproduction. Physical Review Letters, 1970, 25, 970-972.	2.9	3
27	Transverse-Momentum Limitation in the One-Dimensional Gas Model. Physical Review Letters, 1973, 31, 139-141.	2.9	3
28	Single-variable description of inclusive spectra. Physical Review D, 1976, 13, 1199-1202.	1.6	3
29	Adiabatic metastability. Physical Review A, 1989, 39, 3646-3652.	1.0	2
30	Charge-retention sum rules. Physical Review D, 1982, 25, 1440-1442.	1.6	1
31	Identification of magnetic monopoles via electron-positron pair production. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 277-280.	1.5	1
32	Direct-photon searches as tests for unconventional high-energy electroweak interactions. Physical Review D, 1989, 40, 1676-1678.	1.6	1
33	Recent cosmic-ray work and the high-energy real part of the $\hat{p}\hat{A}$ amplitude. Physical Review D, 1989, 40, 1674-1675.	1.6	1
34	A direct test of the quark-parton model in e^+e^- -annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1979, 84, 455-458.	1.5	0