

# Evangelos Matsinos

## List of Publications by Year in descending order

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35  
papers

1,291  
citations

393982

19  
h-index

414034

32  
g-index

35  
all docs

35  
docs citations

35  
times ranked

629  
citing authors

#	ARTICLE	IF	CITATIONS
1	The pion-nucleon scattering lengths from pionic hydrogen and deuterium. European Physical Journal C, 2001, 21, 473-488.	1.4	126
2	A precise determination of the number of families with light neutrinos and of the Z boson partial widths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 399-411.	1.5	104
3	Heavy flavour production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 551-565.	1.5	101
4	A search for new quarks and leptons from Z0 decay at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 511-522.	1.5	77
5	Determination of the $\pi N$ scattering lengths from pionic hydrogen. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 469, 25-29.	1.5	75
6	Search for the neutral Higgs Boson from Z0 decay in the Higgs mass range between 11 and 24 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 141-149.	1.5	74
7	Search for neutral Higgs bosons from supersymmetry in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 291-302.	1.5	64
8	Strong Interaction Shift and Width of the 1s Level in Pionic Hydrogen. Physical Review Letters, 1995, 75, 3245-3248.	2.9	60
9	Isospin violation in the $\pi N$ system at low energies. Physical Review C, 1997, 56, 3014-3025.	1.1	57
10	Multiple-gain-ranging readout method to extend the dynamic range of amorphous silicon flat-panel imagers. , 2004, 5368, 139.		51
11	The extended tree-level model for the pion-nucleon interaction. Nuclear Physics A, 1994, 575, 673-706.	0.6	50
12	Search for neutralino production in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 541-550.	1.5	46
13	A search for pair-produced charged Higgs bosons in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 623-634.	1.5	42
14	X-ray spectroscopy of the pionic deuterium atom. Nuclear Physics A, 1997, 625, 855-872.	0.6	41
15	Search for a very light Higgs boson in Z decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 245, 289-297.	1.5	40
16	Theoretical methods for the calculation of Bragg curves and 3D distributions of proton beams. European Physical Journal: Special Topics, 2010, 190, 1-81.	1.2	40
17	Determination of the S-Wave Scattering Length in Pionic Deuterium with a High Resolution Crystal Spectrometer. Physical Review Letters, 1995, 74, 4157-4160.	2.9	38
18	Search for excited leptons in Z0 decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 501-510.	1.5	31

#	ARTICLE	IF	CITATIONS
19	Neutrino interactions, proton production and a nuclear effect. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 229, 421-426.	1.5	23
20	Phase-shift analysis of low-energy elastic-scattering data. Nuclear Physics A, 2006, 778, 95-123.	0.6	23
21	Pionic atoms, the relativistic mean-field theory and the pion-nucleon scattering lengths. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 271, 290-294.	1.5	16
22	Current status of the CBCT project at Varian Medical Systems. , 2005, , .		16
23	A pion-nucleon interaction model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 6-10.	1.5	14
24	Electromagnetic corrections for the analysis of low energy scattering data. Nuclear Physics A, 2001, 686, 463-477.	0.6	14
25	Analysis of recent $\pi^+$ -p low-energy differential cross-section measurements. Physical Review C, 1997, 55, 464-473.	1.1	12
26	Electromagnetic corrections to the hadronic phase shifts in low energy elastic scattering. Nuclear Physics A, 2001, 686, 447-462.	0.6	11
27	Determination of the s-wave pion-nucleon threshold scattering parameters from the results of experiments on pionic hydrogen. Nuclear Physics A, 2007, 794, 73-86.	0.6	11
28	Search for decays of the $Z^0$ into a photon and a pseudoscalar meson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 635-643.	1.5	8
29	ANALYSIS OF THE LOW-ENERGY $\pi^-p$ CHARGE-EXCHANGE DATA. International Journal of Modern Physics A, 2013, 28, 1350039.	0.5	7
30	Destructive interference of s and p waves in $180^\circ \pi^+p$ elastic scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 414, 237-241.	1.5	6
31	Aspects of the ETH model of the pion-nucleon interaction. Nuclear Physics A, 2014, 927, 147-194.	0.6	5
32	Analysis of the low-energy differential cross sections of the CHAOS Collaboration. Nuclear Physics A, 2013, 903, 65-80.	0.6	4
33	A determination of $\sigma_T$ from the transverse momenta of hadrons produced in neutrino and antineutrino interactions. Zeitschrift für Physik C-Particles and Fields, 1991, 50, 427-440.	1.5	2
34	Determination of the S-Wave Scattering Length in Pionic Deuterium with a High Resolution Crystal Spectrometer. Physical Review Letters, 1995, 75, 3779-3779.	2.9	2
35	Measurement of the strong interaction shift and width of the 1S state in pionic hydrogen. Nuclear Physics A, 1995, 585, 49-52.	0.6	0