

# Matts Roos

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,797  
citations

687363

13  
h-index

752698

20  
g-index

22  
all docs

22  
docs citations

22  
times ranked

335  
citing authors

#	ARTICLE	IF	CITATIONS
1	Data on Particles and Resonant States. Reviews of Modern Physics, 1967, 39, 1-51.	45.6	372
2	Review of particle properties. Reviews of Modern Physics, 1976, 48, S1-S245.	45.6	345
3	Confirmation of the Sigma Meson. Physical Review Letters, 1996, 76, 1575-1578.	7.8	302
4	Data on Particles and Resonant States. Reviews of Modern Physics, 1965, 37, 633-651.	45.6	228
5	Data on Elementary Particles and Resonant States. Reviews of Modern Physics, 1964, 36, 977-1004.	45.6	201
6	Rho-meson shape. Nuclear Physics B, 1968, 6, 325-352.	2.5	103
7	Tables of Elementary Particles and Resonant States. Reviews of Modern Physics, 1963, 35, 314-323.	45.6	60
8	Data on elementary particles and resonant states, November 1963. Nuclear Physics (journal), 1964, 52, 1-24.	1.9	37
9	Review of particle properties. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1972, 39, i.	4.1	35
10	Rho meson structure. Nuclear Physics B, 1967, 2, 615-647.	2.5	24
11	Pion form factor and rho meson width. Nuclear Physics B, 1969, 10, 563-577.	2.5	24
12	Inelastic pion form factor and the $\rho^\pm$ meson width. Nuclear Physics B, 1975, 97, 165-177.	2.5	17
13	Törnqvist and Roos Reply:. Physical Review Letters, 1996, 77, 2333-2333.	7.8	16
14	On the Construction of a Unitary Matrix with Elements of Given Moduli. Journal of Mathematical Physics, 1964, 5, 1609-1611.	1.1	8
15	Törnqvist and Roos reply:. Physical Review Letters, 1997, 78, 1604-1604.	7.8	8
16	Review of particle properties. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1970, 33, i-127.	4.1	6
17	Structure in the $\rho^+\rho^0$ system at 480 MeV. Nuclear Physics B, 1969, 12, 146-154.	2.5	4
18	A Definition of Maximal CP-Violation. Physica Scripta, 1985, 31, 315-316.	2.5	4

#	ARTICLE	IF	CITATIONS
19	Test of a relativistic many-channel resonance formula. Nuclear Physics B, 1969, 9, 461-466.	2.5	1
20	On the Superposition Principle and its Physics Content. , 1984, , 291-295.		1
21	ON THE STABILITY OF THE DILATON MEAN FIELD. International Journal of Modern Physics E, 2011, 20, 245-253.	1.0	1
22	Dilaton stabilization by massive fermion matter. Astrophysics and Space Science, 2012, 340, 381-397.	1.4	0