

Wolfgang Weihs

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,039
citations

686830

13
h-index

794141

19
g-index

25
all docs

25
docs citations

25
times ranked

1562
citing authors

#	ARTICLE	IF	CITATIONS
1	First evidence for direct CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 206, 169-176.	1.5	268
2	A measurement of $\Gamma_{\text{tot}}(\tilde{\chi}_p)$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 465-477.	1.5	192
3	A measurement of the phases of the CP-violating amplitudes in $K_0 \rightarrow 2\pi$ decays and a test of CPT invariance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 237, 303-312.	1.5	112
4	Observation of hard scattering in photoproduction at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 297, 404-416.	1.5	70
5	The beam and detector for a high-precision measurement of CP violation in neutral-kaon decays. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1988, 268, 116-143.	0.7	62
6	Search for leptoquarks with the ZEUS detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 173-186.	1.5	53
7	Observation of the decay $K_L \rightarrow \pi^0 \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 523-530.	1.5	52
8	Observation of the decay $K_S \rightarrow 2\pi^0$ and measurement of the decay rates $K_L \rightarrow 2\pi^0$ and $K_S \rightarrow 2\pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 139-146.	1.5	45
9	Measurement of the rate of the decay $K_L \rightarrow e^+e^-\pi^0$ and observation of a form factor in this decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 283-288.	1.5	44
10	Initial study of deep inelastic scattering with ZEUS at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 303, 183-197.	1.5	30
11	Search for the decay $K_L \rightarrow \pi^0 e^+e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 214, 303-306.	1.5	24
12	Observation of two-jet production in deep inelastic scattering at HERA. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 306, 158-172.	1.5	20
13	Search for a neutral Higgs particle in the decay sequence $K_L \rightarrow \pi^0 \pi^0$ and $H_0 \rightarrow e^+e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 356-362.	1.5	18
14	Wireless drift tubes, electrodeless drift chambers and applications. Nuclear Instruments & Methods in Physics Research, 1982, 200, 335-339.	0.9	11
15	Detection and Classification of Moving Objects-Stereo or Time-of-Flight Images. , 2006, , .		11
16	Effects of space charge, leakage currents and diffusion in large planar electrodeless drift chambers. Nuclear Instruments & Methods in Physics Research, 1983, 213, 243-249.	0.9	6
17	Numerical computation of electrostatic fields in multiwire chambers. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1989, 281, 393-396.	0.7	5
18	30 MHz hardware digital filter for signals of the ZEUS forward tracking detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1994, 345, 324-328.	0.7	5

#	ARTICLE	IF	CITATIONS
19	Development and Investigation of a Long-Range Time-of-Flight and Color Imaging System. IEEE Transactions on Cybernetics, 2014, 44, 1372-1382.	6.2	5
20	Modified orthogonal matching pursuit for multiple measurement vector with joint sparsity in super-resolution compressed sensing. , 2017, , .		2
21	Multilevel test and validation of algorithms implemented in a SOPC VisionNode. , 2003, 5267, 333.		1
22	Use of boundary-scan facilities for permanent control of part of the readout electronics of the HERA-B experiment. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2000, 443, 181-185.	0.7	0
23	Range Image Based Classification System Using Support Vector Machines. Lecture Notes in Computer Science, 2007, , 277-287.	1.0	0