

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 | Modified orthogonal matching pursuit for multiple measurement vector with joint sparsity in super-resolution compressed sensing. , 2017, , . | | 2 |
| 2 | 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 |
| 3 | Range Image Based Classification System Using Support Vector Machines. Lecture Notes in Computer Science, 2007, , 277-287. | 1.0 | 0 |
| 4 | Detection and Classification of Moving Objects-Stereo or Time-of-Flight Images. , 2006, , . | | 11 |
| 5 | Multilevel test and validation of algorithms implemented in a SOPC VisionNode. , 2003, 5267, 333. | | 1 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | A measurement of $\sigma_{\text{tot}}(\bar{p}p)$ at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 293, 465-477. | 1.5 | 192 |
| 12 | 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 |
| 13 | Measurement of the rate of the decay $K_L \rightarrow e^+e^-\gamma$ 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 |
| 14 | 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 |
| 15 | Observation of the decay $K_L \rightarrow \pi^0\pi^0\pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 523-530. | 1.5 | 52 |
| 16 | Search for a neutral Higgs particle in the decay sequence $K_L \rightarrow \pi^0 H^0$ and $H^0 \rightarrow e^+e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 356-362. | 1.5 | 18 |
| 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 | 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 |

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|----|--|-----|-----------|
| 19 | First evidence for direct CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 206, 169-176. | 1.5 | 268 |
| 20 | Search for the decay $KL \rightarrow \pi^0 e^+ e^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 214, 303-306. | 1.5 | 24 |
| 21 | Observation of the decay $Ks \rightarrow \pi^+ \pi^0$ and measurement of the decay rates $KL \rightarrow \pi^+ \pi^0$ and $KS \rightarrow \pi^+ \pi^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 199, 139-146. | 1.5 | 45 |
| 22 | 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 |
| 23 | Wireless drift tubes, electrodeless drift chambers and applications. Nuclear Instruments & Methods in Physics Research, 1982, 200, 335-339. | 0.9 | 11 |