

Tim Smith

List of Publications by Year in descending order

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101
papers

4,022
citations

182225

30
h-index

139680

61
g-index

102
all docs

102
docs citations

102
times ranked

6287
citing authors

#	ARTICLE	IF	CITATIONS
1	Open is not enough. Nature Physics, 2019, 15, 113-119.	6.5	81
2	Windows Terminal Servers Orchestration. Journal of Physics: Conference Series, 2017, 898, 082025.	0.3	1
3	Open Data and Data Analysis Preservation Services for LHC Experiments. Journal of Physics: Conference Series, 2015, 664, 032030.	0.3	18
4	Electroweak measurements in electron-positron collisions at W-boson-pair energies at LEP. Physics Reports, 2013, 532, 119-244.	10.3	453
5	OpenAIREplus: the European Scholarly Communication Data Infrastructure. D-Lib Magazine, 2012, 18, .	0.5	24
6	Precision electroweak measurements on the Z resonance. Physics Reports, 2006, 427, 257-454.	10.3	974
7	Autonomic Management of Large Clusters and Their Integration into the Grid. Journal of Grid Computing, 2004, 2, 247-260.	2.5	16
8	Validation of the MONARC simulation tools. Computer Physics Communications, 2001, 140, 153-161.	3.0	1
9	Distributed applications monitoring at system and network level. Computer Physics Communications, 2001, 140, 219-225.	3.0	0
10	Search for the Standard Model Higgs boson in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 231-244.	1.5	10
11	Search for charged scalar leptons using the OPAL detector at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 396, 301-314.	1.5	10
12	Search for excited leptons in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 197-209.	1.5	9
13	Photonic events with large missing energy in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 210-220.	1.5	5
14	Search for unstable neutral and charged heavy leptons in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 217-230.	1.5	9
15	A measurement of $ V_{cb} $ using decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 395, 128-140.	1.5	22
16	Measurement of the triple gauge boson coupling $\hat{\Gamma}_{\pm W\gamma}$ from $W+W^-$ production in e^+e^- collisions at GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 397, 147-157.	1.5	18
17	Production of fermion-pair events in e^+e^- collisions at 161 GeV centre-of-mass energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 391, 221-234.	1.5	36
18	QCD studies with e^+e^- annihilation data at 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 191-206.	1.5	78

#	ARTICLE	IF	CITATIONS
19	Upper limit on the $\frac{1}{2}$ \tilde{l}_μ mass from $\tilde{l}_\mu \rightarrow 3\frac{1}{2} \tilde{l}_\mu$ decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 231-238.		3
20	A precise measurement of the tau polarization and its forward-backward asymmetry at LEP. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 365-375.	1.5	8
21	A measurement of the B d 0 oscillation frequency using leptons and $D^{*\pm}$ mesons. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 377-388.	1.5	19
22	Multiplicity dependence of Bose-Einstein correlations in hadronic Z0 decays. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 389-398.	1.5	24
23	Test of the exponential decay law at short decay times using tau leptons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 368, 244-250.	1.5	10
24	Measurement of the branching ratio. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 369, 163-172.	1.5	10
25	Search for charged Higgs bosons using the OPAL detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 174-184.	1.5	16
26	Observation of \tilde{l}_3 production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 370, 185-194.	1.5	13
27	Improved measurement of the lifetime of the \tilde{l}_μ lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 374, 341-350.	1.5	29
28	Search for chargino and neutralino production using the OPAL detector at GeV at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 181-194.	1.5	33
29	Measurement of cross-sections and asymmetries in $e^+e^- \rightarrow \gamma \gamma$ collisions at 130-140 GeV centre-of-mass energy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 376, 232-244.	1.5	25
30	A study of four-fermion final states with high multiplicity at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 376, 315-328.	1.5	6
31	Topological search for the production of neutralinos and scalar particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 273-288.	1.5	31
32	Prompt production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 384, 343-352.	1.5	11
33	Search for unstable neutral and charged heavy leptons in $e^+e^- \rightarrow \gamma \gamma$ collisions at and 136 GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 433-444.	1.5	9
34	Search for excited leptons in $e^+e^- \rightarrow \gamma \gamma$ collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 386, 463-474.	1.5	10
35	Measurement of the branching fraction of the radiative decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 437-449.	1.5	7
36	Search for scalar top and scalar bottom quarks using the OPAL detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 197-210.	1.5	10

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37	Measurement of the mass of the W boson in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 416-428.	1.5	36
38	Test of QCD analytic predictions for the multiplicity ratio between gluon and quark jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 659-672.	1.5	33
39	Search for chargino and neutralino production in e^+e^- collisions at. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 616-630.	1.5	19
40	Measurement of the longitudinal, transverse and asymmetry fragmentation functions at LEP. Zeitschrift für Physik C-Particles and Fields, 1995, 68, 203-213.	1.5	32
41	An improved measurement of the B^0 lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 350, 273-282.	1.5	19
42	A measurement of charged particle multiplicity in $Z^0 \rightarrow c\bar{c}$, and $Z^0 \rightarrow b\bar{b}$, events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 352, 176-186.	1.5	27
43	A measurement of the B^0 lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 402-412.	1.5	24
44	Measurement of the multiplicity of charm quark pairs from gluons in hadronic Z^0 Decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 353, 595-605.	1.5	27
45	$\tau^+ \tau^-$ production in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 358, 162-172.	1.5	12
46	A study of b quark fragmentation into B^0 and B^+ mesons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 364, 93-106.	1.5	38
47	A study of charm meson production in semileptonic B decays. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 57-68.	1.5	28
48	Determination of an upper limit for the mass of the τ -neutrino at LEP. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 183-188.	1.5	6
49	Improved measurements of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1995, 67, 379-388.	1.5	17
50	Measurement of the $\tau \rightarrow \mu^+ \nu_\mu$, and $\tau \rightarrow e^+ \nu_e$ branching ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 207-222.	1.5	9
51	Measurement of the time dependence of mixing using leptons and D^{\pm} mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 585-598.	1.5	18
52	Measurements of the inclusive branching ratios of τ -leptons to K^0 S and charged K^{\pm} (892). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 339, 278-292.	1.5	5
53	Multiplicity and transverse momentum correlations in multihadronic final states in e^+e^- interactions at $\sqrt{s} = 91.2$ GeV. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 417-430.	1.5	31
54	Search for the minimal standard model Higgs boson. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 397-410.	1.5	25

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55	Measurement of the time dependence of mixing using a jet charge technique. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 327, 411-424.	1.5	53
56	Updated measurement of the \bar{D}_s^0 lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 338, 497-506.	1.5	16
57	Search for rare hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 393-404.	1.5	10
58	Search for a scalar top quark using the OPAL detector. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 337, 207-218.	1.5	14
59	Search for neutral Higgs bosons in the minimal supersymmetric extension of the standard model. Zeitschrift für Physik C-Particles and Fields, 1994, 64, 1-13.	1.5	13
60	Measurement of the B^0 and B^+ lifetimes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 307, 247-261.	1.5	24
61	A measurement of the average lifetime of b-flavoured baryons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 435-447.	1.5	14
62	A study of the electric charge distributions of quark and gluon jets in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 302, 523-532.	1.5	5
63	Search for anomalous production of high mass photon pairs in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 311, 391-407.	1.5	32
64	Measurement of the B_S^0 lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 501-510.	1.5	17
65	A measurement of $(892)^{\pm}$ production in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 305, 407-414.	1.5	25
66	Evidence for chain-like production of strange baryon pairs in jets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 305, 415-427.	1.5	42
67	Search for massive, unstable photinos that violate R parity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 313, 333-340.	1.5	11
68	A study of KOSKOS Bose-Einstein correlations in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 298, 456-468.	1.5	18
69	The on-line event filter of the OPAL experiment at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 325, 129-141.	0.7	17
70	The data acquisition system of the OPAL detector at LEP. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 325, 271-293.	0.7	17
71	A study of differences between quark and gluon jets using vertex tagging of quark jets. Zeitschrift für Physik C-Particles and Fields, 1993, 58, 387-403.	1.5	74
72	A study of muon pair production and evidence for tau pair production in photon-photon collisions at LEP. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 593-600.	1.5	11

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73	A measurement of strange baryon production in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 291, 503-518.	1.5	47
74	A measurement of the forward-backward charge asymmetry in hadronic decays of the Z0. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 294, 436-450.	1.5	22
75	A search for doubly charged Higgs production in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 347-356.	1.5	22
76	Measurement of $B_0^+ - \bar{B}_0^+$ mixing in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 379-392.	1.5	22
77	Search for free gluons in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 278, 485-494.	1.5	3
78	A test of higher order electroweak theory in Z0 decays to two leptons with an associated pair of charged particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 287, 389-400.	1.5	7
79	A study of two-particle momentum correlations in hadronic Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 287, 401-412.	1.5	21
80	Evidence for b-flavoured baryon production in Z0 decays at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 394-404.	1.5	43
81	Test of CP-invariance in $e^+e^- \rightarrow \tau^+\tau^- Z_0 \rightarrow \tau^+\tau^- \bar{\nu}_\tau \nu_\tau$ and a limit on the weak dipole moment of the $\bar{\nu}_\tau$ lepton. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 281, 405-415.	1.5	49
82	An improved measurement of $\hat{\Gamma}_S$ (MZ0) using energy correlations with the OPAL detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 276, 547-564.	1.5	28
83	Measurement of the average B hadron lifetime in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 274, 513-525.	1.5	12
84	Measurement of the $\bar{\nu}_\tau$ topological branching ratios at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 288, 373-385.	1.5	13
85	Evidence for the existence of the strange b-flavoured meson B_s^0 in Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 295, 357-370.	1.5	40
86	A measurement of photon radiation in lepton pair events from Z0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 338-354.	1.5	22
87	Measurement of the tau lepton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 355-366.	1.5	21
88	Search for excited leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 135-142.	1.5	25
89	A direct search for new charged heavy leptons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 250-260.	1.5	32
90	A search for acoplanar pairs of leptons or jets in Z0 decays. Mass limits on supersymmetric particles. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 261-270.	1.5	78

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91	Mass limits for a standard model Higgs Boson in e^+e^- collisions at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 224-232.	1.5	73
92	A search for the top and $b\bar{c}$ quarks in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 236, 364-374.	1.5	51
93	A combined analysis of the hadronic and leptonic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 497-512.	1.5	70
94	Evidence for final state photons in multihadronic decays of the Z^0 . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 246, 285-296.	1.5	42
95	A search for technipions and charged Higgs bosons at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 242, 299-308.	1.5	53
96	A study of the reaction $e^+e^- \rightarrow \tau^+\tau^-$ at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 133-140.	1.5	17
97	Measurements of the decay of the Z^0 into lepton pairs. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 379-388.	1.5	39
98	A study of jet production rates and a test of QCD on the Z^0 resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 235, 389-398.	1.5	92
99	Production and testing of limited streamer tubes for the end-cap muon subdetector of OPAL. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 294, 431-438.	0.7	9
100	Measurement of the Z^0 mass and width with the opal detector at LEP. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 530-538.	1.5	211
101	Meetings managed. Nature Reviews Physics, 0, , .	11.9	0