

Lee F Thompson

List of Publications by Year in descending order

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51
papers

994
citations

516215

16
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433756

31
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all docs

52
docs citations

52
times ranked

1520
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics potential of a long-baseline neutrino oscillation experiment using a J-PARC neutrino beam and Hyper-Kamiokande. Progress of Theoretical and Experimental Physics, 2015, 2015, 53C02-0.	1.8	157
2	Reanalysis of bubble chamber measurements of muon-neutrino induced single pion production. Physical Review D, 2014, 90, .	1.6	85
3	Improved measurements of electroweak parameters from Z decays into fermion pairs. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 1-20.	1.5	70
4	Properties of hadronic Z decays and test of QCD generators. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 209-234.	1.5	58
5	A study of τ decays involving η and ω mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
6	The electromagnetic calorimeter for the T2K near detector ND280. Journal of Instrumentation, 2013, 8, P10019-P10019.	0.5	53
7	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	1.4	46
8	Search for neutral Higgs bosons decaying into four taus at LEP2. Journal of High Energy Physics, 2010, 2010, 1.	1.6	43
9	Probing quantum decoherence in atmospheric neutrino oscillations with a neutrino telescope. Astroparticle Physics, 2006, 25, 311-327.	1.9	37
10	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	1.4	32
11	Development of radiodetection systems towards miniaturised quality control of PET and SPECT radiopharmaceuticals. Lab on A Chip, 2016, 16, 1605-1616.	3.1	26
12	Muon tomography for railway tunnel imaging. Physical Review Research, 2020, 2, .	1.3	25
13	An investigation into intermittency. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 21-32.	1.5	24
14	Update of electroweak parameters from Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 71-81.	1.5	24
15	Three-prong τ decays with charged kaons. European Physical Journal C, 1998, 1, 65-79.	1.4	22
16	Measurement of the tau polarisation at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 369-386.	1.5	18
17	Three-prong. European Physical Journal C, 1998, 1, 65.	1.4	16
18	Measurement of prompt photon production in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 17-35.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Search for contact interactions in the reaction $e^+e^- \rightarrow l^+l^- + l^+\nu$ and $e^+e^- \rightarrow e^+\nu\bar{\nu}$. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 215-229.	1.5	14
20	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
21	Simple techniques for generating nanosecond blue light pulses from light emitting diodes. Measurement Science and Technology, 2007, 18, 131-137.	1.4	14
22	Measurement of the charged-current electron (anti-)neutrino inclusive cross-sections at the T2K off-axis near detector ND280. Journal of High Energy Physics, 2020, 2020, 1.	1.6	14
23	The use of neural networks in $\tau \rightarrow \mu \nu$ discrimination. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 330, 482-486.	0.7	13
24	Neutrino telescope modelling of Lorentz invariance violation in oscillations of atmospheric neutrinos. Astroparticle Physics, 2008, 29, 345-354.	1.9	13
25	Passive, continuous monitoring of carbon dioxide geostorage using muon tomography. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180059.	1.6	9
26	Periodic sea-level oscillation in Tokyo Bay detected with the Tokyo-Bay seafloor hyper-kilometric submarine deep detector (TS-HKMSDD). Scientific Reports, 2022, 12, 6097.	1.6	9
27	Production of excited beauty states in Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 393-404.	1.5	8
28	First results of undersea muography with the Tokyo-Bay Seafloor Hyper-Kilometric Submarine Deep Detector. Scientific Reports, 2021, 11, 19485.	1.6	8
29	Improved measurement of the B^0 and B^+ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	8
30	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	6
31	Four-jet final state production in e^+e^- collisions at centre-of-mass energies of 130 and 136 GeV. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 179-197.	1.5	6
32	Determination of $\sin^2 \theta_w$ using jet charge measurements in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 357-378.	1.5	6
33	Measurements of $\langle \sigma_{\nu N} \rangle$ and $\langle \sigma_{\nu N} \rangle + \langle \sigma_{\nu N} \rangle$ charged-current cross-sections without detected pions or protons on water and hydrocarbon at a mean anti-neutrino energy of 0.86 GeV. Progress of Theoretical and Experimental Physics, 2021, 2021, .	1.8	6
34	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 365-377.	1.5	5
35	Acoustic detection of ultra-high-energy neutrinos. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2008, 588, 155-161.	0.7	5
36	Measurements of the charged particle multiplicity distribution in restricted rapidity intervals. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 15-25.	1.5	4

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37	Improved tau polarisation measurement. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 183-193.	1.5	4
38	ARENA 2006 "Acoustic and Radio EeV Neutrino detection Activities. Journal of Physics: Conference Series, 2007, 81, 011001.	0.3	4
39	Muography as a new complementary tool in monitoring volcanic hazard: implications for early warning systems. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, .	1.0	4
40	Geological repositories: scientific priorities and potential high-technology transfer from the space and physics sectors. Mineralogical Magazine, 2015, 79, 1651-1664.	0.6	3
41	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 379-392.	1.5	2
42	Future Plans for the ACORNE Collaboration. Journal of Physics: Conference Series, 2007, 81, 012023.	0.3	2
43	Muon Tomography for Carbon Storage and Monitoring. Springer Proceedings in Physics, 2016, , 479-485.	0.1	2
44	Measurement of $D^s +$ meson production in Z decays and of the B^s_0 lifetime. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 585-595.	1.5	1
45	Towards a Cubic Kilometre Scale Neutrino Telescope in the Mediterranean Sea. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 363-366.	0.5	1
46	ARENA 2008 acoustic detection conference summary. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2009, 604, S244-S248.	0.7	1
47	Using MiniBooNE neutral current elastic cross section results to constrain $3+1$ sterile neutrino models. Journal of High Energy Physics, 2014, 2014, 1.	1.6	1
48	Search for tens of MeV neutrinos associated with gamma-ray bursts in Super-Kamiokande. Progress of Theoretical and Experimental Physics, 2021, 2021, .	1.8	1
49	Searches for compositeness at e^+e^- colliders. AIP Conference Proceedings, 1992, , .	0.3	0
50	The Acoustic Detection of Ultra-High Energy Neutrinos - a Status Report. Journal of Physics: Conference Series, 2007, 60, 52-57.	0.3	0
51	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	0