

# Lee F Thompson

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/914834/publications.pdf>

Version: 2024-02-01

51  
papers

994  
citations

516215

16  
h-index

433756

31  
g-index

52  
all docs

52  
docs citations

52  
times ranked

1520  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Measurements of $\langle \sigma_{\nu e} \rangle$ and $\langle \sigma_{\nu p} \rangle + \langle \sigma_{\nu n} \rangle$ 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
3	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
4	First results of undersea muography with the Tokyo-Bay Seafloor Hyper-Kilometric Submarine Deep Detector. Scientific Reports, 2021, 11, 19485.	1.6	8
5	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
6	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
7	Muon tomography for railway tunnel imaging. Physical Review Research, 2020, 2, .	1.3	25
8	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
9	Development of radiodetection systems towards miniaturised quality control of PET and SPECT radiopharmaceuticals. Lab on A Chip, 2016, 16, 1605-1616.	3.1	26
10	The prototype detection unit of the KM3NeT detector. European Physical Journal C, 2016, 76, 1.	1.4	32
11	Muon Tomography for Carbon Storage and Monitoring. Springer Proceedings in Physics, 2016, , 479-485.	0.1	2
12	Geological repositories: scientific priorities and potential high-technology transfer from the space and physics sectors. Mineralogical Magazine, 2015, 79, 1651-1664.	0.6	3
13	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
14	Deep sea tests of a prototype of the KM3NeT digital optical module. European Physical Journal C, 2014, 74, 1.	1.4	46
15	Reanalysis of bubble chamber measurements of muon-neutrino induced single pion production. Physical Review D, 2014, 90, .	1.6	85
16	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
17	The electromagnetic calorimeter for the T2K near detector ND280. Journal of Instrumentation, 2013, 8, P10019-P10019.	0.5	53
18	Search for neutral Higgs bosons decaying into four taus at LEP2. Journal of High Energy Physics, 2010, 2010, 1.	1.6	43

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Neutrino telescope modelling of Lorentz invariance violation in oscillations of atmospheric neutrinos. Astroparticle Physics, 2008, 29, 345-354.	1.9	13
22	The Acoustic Detection of Ultra-High Energy Neutrinos - a Status Report. Journal of Physics: Conference Series, 2007, 60, 52-57.	0.3	0
23	Future Plans for the ACORNE Collaboration. Journal of Physics: Conference Series, 2007, 81, 012023.	0.3	2
24	Simple techniques for generating nanosecond blue light pulses from light emitting diodes. Measurement Science and Technology, 2007, 18, 131-137.	1.4	14
25	ARENA 2006 "Acoustic and Radio EeV Neutrino detection Activities. Journal of Physics: Conference Series, 2007, 81, 011001.	0.3	4
26	Probing quantum decoherence in atmospheric neutrino oscillations with a neutrino telescope. Astroparticle Physics, 2006, 25, 311-327.	1.9	37
27	Towards a Cubic Kilometre Scale Neutrino Telescope in the Mediterranean Sea. Nuclear Physics, Section B, Proceedings Supplements, 2005, 143, 363-366.	0.5	1
28	Three-prong $\bar{\Lambda}_c$ decays with charged kaons. European Physical Journal C, 1998, 1, 65-79.	1.4	22
29	Three-prong. European Physical Journal C, 1998, 1, 65.	1.4	16
30	A study of $\Lambda_c$ decays involving $\eta$ and $\omega$ mesons. Zeitschrift für Physik C-Particles and Fields, 1997, 74, 263-273.	1.5	54
31	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	6
32	Improved measurement of the $B^0$ and $B^+$ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	14
33	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
34	Determination of $\sin^2 \hat{\theta}_w^{\text{eff}}$ using jet charge measurements in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 357-378.	1.5	6
35	Improved measurement of the $B^0$ and $B^+$ meson lifetimes. Zeitschrift für Physik C-Particles and Fields, 1996, 71, 31-44.	1.5	8
36	Mass limit for the lightest neutralino. Zeitschrift für Physik C-Particles and Fields, 1996, 72, 549-559.	1.5	0

#	ARTICLE	IF	CITATIONS
37	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
38	Improved tau polarisation measurement. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 183-193.	1.5	4
39	First measurement of the quark-to-photon fragmentation function. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 365-377.	1.5	5
40	Inclusive production of neutral vector mesons in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 379-392.	1.5	2
41	Production of excited beauty states in Z decays. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 393-404.	1.5	8
42	Measurement of D <sup>+</sup> meson production in Z decays and of the B <sup>0</sup> lifetime. Zeitschrift für Physik C-Particles and Fields, 1995, 69, 585-595.	1.5	1
43	The use of neural networks in $\hat{p}^3$ - $\hat{e}^0$ discrimination. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1993, 330, 482-486.	0.7	13
44	Measurement of the tau polarisation at the Z resonance. Zeitschrift für Physik C-Particles and Fields, 1993, 59, 369-386.	1.5	18
45	Measurement of prompt photon production in hadronic Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 57, 17-35.	1.5	15
46	Search for contact interactions in the reaction $e^+e^- \rightarrow l^+l^- + l^+\hat{\nu}^0$ and $e^+e^- \rightarrow \hat{\nu}^0\hat{\nu}^0 + \hat{\nu}^0\hat{\nu}^0$ . Zeitschrift für Physik C-Particles and Fields, 1993, 59, 215-229.	1.5	14
47	Update of electroweak parameters from Z decays. Zeitschrift für Physik C-Particles and Fields, 1993, 60, 71-81.	1.5	24
48	Searches for compositeness at $e^+e^-$ colliders. AIP Conference Proceedings, 1992, , .	0.3	0
49	Properties of hadronic Z decays and test of QCD generators. Zeitschrift für Physik C-Particles and Fields, 1992, 55, 209-234.	1.5	58
50	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
51	An investigation into intermittency. Zeitschrift für Physik C-Particles and Fields, 1992, 53, 21-32.	1.5	24