

Emilio Torrente Lujan

List of Publications by Year in descending order

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77
papers

2,016
citations

293460

24
h-index

299063

42
g-index

77
all docs

77
docs citations

77
times ranked

3001
citing authors

#	ARTICLE	IF	CITATIONS
1	Shadows of 5D black holes from string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 812, 136025.	1.5	49
2	Black hole shadows in M-theory scenarios. International Journal of Modern Physics D, 2021, 30, 2150026.	0.9	22
3	Phase transition and shadow behaviors of quintessential black holes in M-theory/superstring inspired models. International Journal of Modern Physics A, 2021, 36, 2150057.	0.5	12
4	On universal constants of AdS black holes from Hawking-Page phase transition. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135871.	1.5	21
5	Black holes and general Freudenthal transformations. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
6	Smarr mass formulas for BPS multicenter black holes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135019.	1.5	4
7	Entanglement renormalization for interacting field theories. Physical Review D, 2019, 100, .	1.6	15
8	N=2 SUGRA BPS Multi-center Black holes, Symplectic geometry and Freudenthal transformations. Nuclear and Particle Physics Proceedings, 2016, 273-275, 1471-1479.	0.2	1
9	The Higgs mass coincidence problem: why $m_H = m_Z$? European Physical Journal C, 2014, 74, 1.	1.4	3
10	N = 2 SUGRA BPS multi-center solutions, quadratic prepotentials and Freudenthal transformations. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
11	Maximal nine dimensional supergravity, general gaugings and the embedding tensor. Fortschritte Der Physik, 2012, 60, 1012-1018.	1.5	4
12	Non-minimal kinetic coupling and Chaplygin gas cosmology. European Physical Journal C, 2011, 71, 1.	1.4	19
13	The general gaugings of maximal $d=9$ supergravity. Journal of High Energy Physics, 2011, 2011, 1.	1.6	22
14	Toward a minimal renormalizable supersymmetric $SU(3) \times U(1)$ flavor symmetry: large neutrino mixing and fermion mass hierarchy in the $SO(10)$ GUT. Journal of Physics G: Nuclear and Particle Physics, 2009, 36, 015002.	1.4	48
15	Embedding $SU(3) \times U(1)$ flavor symmetry into $SU(4)$ grand unified model with A_4 flavor symmetry. Physical Review D, 2009, 79, .	1.6	46
16	Flavor physics of leptons and dipole moments. European Physical Journal C, 2008, 57, 13-182.	1.4	297
17	PREDICTIONS FROM NON-TRIVIAL QUARK-LEPTON COMPLEMENTARITY. International Journal of Modern Physics A, 2007, 22, 5860-5874.	0.5	11

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19	Model for fermion masses and lepton mixing in $SO(10)$. <i>Physical Review D</i> , 2007, 75, .	1.6	120
20	Quark-lepton complementarity with lepton and quark mixing data predict $\hat{\theta}_{13} \approx 9^\circ$. <i>European Physical Journal C</i> , 2007, 50, 573-578.	1.4	29
21	Baryon asymmetry at the weak phase transition in the presence of arbitrary CP violation. <i>Physics of Atomic Nuclei</i> , 2006, 69, 147-158.	0.1	1
22	Updated global analysis of Solar and reactor θ_{12} physics and future perspectives. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2005, 143, 483.	0.5	0
23	Slavnov-Taylor1.0: A Mathematica package for computation in BRST formalism. <i>Computer Physics Communications</i> , 2004, 156, 171-179.	3.0	0
24	KamLAND and solar antineutrino spectrum. <i>Physics of Atomic Nuclei</i> , 2004, 67, 1151-1153.	0.1	0
25	Neutrino mass parameters from Kamland, SNO, and other solar evidence. <i>Physical Review D</i> , 2004, 69, .	1.6	17
26	KamLAND, solar antineutrinos, and the solar magnetic field. <i>Physical Review D</i> , 2003, 68, .	1.6	15
27	Determination of neutrino mixing parameters after SNO oscillation evidence. <i>Physical Review D</i> , 2003, 67, .	1.6	16
28	KamLAND bounds on solar antineutrinos and neutrino transition magnetic moments. <i>Journal of High Energy Physics</i> , 2003, 2003, 054-054.	1.6	9
29	KamLAND, solar antineutrinos and their magnetic moment. <i>Journal of High Energy Physics</i> , 2003, 2003, 025-025.	1.6	10
30	KamLAND and the determination of neutrino mixing parameters in the post SNO-NC era. <i>New Journal of Physics</i> , 2003, 5, 2-2.	1.2	13
31	Relic neutralino density in scenarios with intermediate unification scale. <i>New Journal of Physics</i> , 2002, 4, 27-27.	1.2	24
32	Global analysis of Solar neutrino oscillation evidence including SNO and implications for Borexino. <i>Nuclear Physics B</i> , 2002, 634, 393-409.	0.9	13
33	The decay in SUSY models with non-universal μ -terms. <i>Nuclear Physics B</i> , 2001, 594, 3-22.	0.9	18
34	Determination of the string scale in D-brane scenarios and dark matter implications. <i>Nuclear Physics B</i> , 2001, 603, 231-258.	0.9	27
35	Muon anomalous magnetic moment in supersymmetric scenarios with an intermediate scale and nonuniversality. <i>Physical Review D</i> , 2001, 64, .	1.6	16
36	The decay $b \rightarrow s \gamma$ and the charged Higgs boson mass bounds in a supersymmetric model without R-parity. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2000, 81, 254-258.	0.5	0

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37	Bounds on the solar antineutrino total flux and energy spectrum from the SK experiment. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 494, 255-261.	1.5	11
38	Bounds on solar antineutrino fluxes from SK. Nuclear Physics, Section B, Proceedings Supplements, 2000, 87, 504-505.	0.5	4
39	Initial scales, supersymmetric dark matter, and variations of neutralino-nucleon cross sections. Physical Review D, 2000, 63, .	1.6	25
40	Fermion scattering at the electroweak phase transition in the presence of arbitrary CP violation. Physical Review D, 1999, 60, .	1.6	5
41	Finite dimensional systems with random external fields and neutrino propagation in fluctuating media. Physical Review D, 1999, 59, .	1.6	16
42	Neutrino spin flavor precession in fluctuating solar magnetic fields. Physical Review D, 1999, 59, .	1.6	13
43	Charged Higgs mass bounds from $b \rightarrow s \tau^+ \tau^-$ in a bilinear R-parity violating model. Nuclear Physics B, 1999, 551, 78-92.	0.9	34
44	Neutrino conversions in solar random magnetic fields. Nuclear Physics B, 1999, 556, 353-372.	0.9	18
45	Solar antineutrinos from fluctuating magnetic fields at Kamiokande. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 441, 305-312.	1.5	14
46	A quasi-maximal mixing ansatz for neutrino oscillations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 557-562.	1.5	15
47	Measurement of the $\Gamma(B \rightarrow \tau^+ \tau^-)$, and $\Gamma(B \rightarrow \tau^+ \tau^-)$, branching ratios. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 328, 207-222.	1.5	9
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Measurement of the B^0 lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 312, 501-510.	1.5	17
56	A measurement of $(892)\Lambda^\pm$ production in hadronic Z^0 decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 305, 407-414.	1.5	25
57	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
58	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
59	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
60	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
61	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
62	Multifractal analysis of minimum bias events in $\sqrt{s} = 630$ GeV $p\bar{p}$ collisions. Zeitschrift für Physik C-Particles and Fields, 1992, 56, 37-46.	1.5	20
63	On the application of the Onsager theory to the description of the free-ion yield observed in warm liquids irradiated by β^3 -rays. Nuclear Instruments & Methods in Physics Research B, 1992, 69, 293-306.	0.6	2
64	Performance of a semi-octagonal-shaped uranium/tetramethylpentane calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 301, 445-450.	0.7	5
65	Performance of a uranium/tetramethylpentane calorimeter backed by an iron/scintillator calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1991, 305, 331-343.	0.7	10
66	J/ψ and $\psi(2S)$ production at the CERN $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 256, 112-120.	1.5	57
67	Beauty production at the CERN $p\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 256, 121-128.	1.5	99
68	First observation of the beauty baryon Λ_b in the decay channel $\Lambda_b \rightarrow \Lambda^0 J/\psi$ at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 540-548.	1.5	73
69	A search for rare B meson decays at the CERN $Spp\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 163-170.	1.5	55
70	Measurement of $B^0 \rightarrow D^0$ mixing at the CERN $Spp\bar{p}$ collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 262, 171-178.	1.5	28
71	Measurement of the ratio $R_{\psi(2S)} = \frac{\sigma(p\bar{p} \rightarrow \psi(2S) + X)}{\sigma(p\bar{p} \rightarrow J/\psi + X)}$ and $\hat{\sigma}_{\psi(2S)}$ at the CERN proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 253, 503-510.	1.5	40
72	Limits on t-quark decay into charged Higgs from a direct search at the CERN collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 257, 459-468.	1.5	15

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73	Search for new heavy quarks in proton-antiproton collisions at $\sqrt{s} = 0.63 \text{ TeV}$. Zeitschrift für Physik C-Particles and Fields, 1990, 48, 1-12.	1.5	27
74	A study of the D^0 content of jets at the CERN p collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 244, 566-572.	1.5	9
75	Experimental limit on the decay $W \rightarrow \tau^+ \tau^-$ at the cern proton-antiproton collider. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 241, 283-288.	1.5	5
76	Influence of the electric field on compensation in a uranium/tetramethylpentane hadronic calorimeter. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 1990, 292, 113-120.	0.7	12
77	Intermittency studies in p collisions at. Nuclear Physics B, 1990, 345, 1-21.	0.9	72