

E Blucher

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/11946986/e-blucher-publications-by-year.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

69

papers

7,787

citations

31

h-index

71

g-index

71

ext. papers

8,839

ext. citations

5.6

avg, IF

2.9

L-index

#	Paper	IF	Citations
69	Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC. <i>Journal of Instrumentation</i> , 2022 , 17, P01005	1	1
68	Searching for solar KDAR with DUNE. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 065	6.4	0
67	Prospects for beyond the Standard Model physics searches at the Deep Underground Neutrino Experiment: DUNE Collaboration. <i>European Physical Journal C</i> , 2021 , 81, 322	4.2	14
66	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	16
65	Search for signatures of sterile neutrinos with Double Chooz. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
64	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
63	First results on ProtoDUNE-SP liquid argon time projection chamber performance from a beam test at the CERN Neutrino Platform. <i>Journal of Instrumentation</i> , 2020 , 15, P12004-P12004	1	29
62	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
61	Characterization of the spontaneous light emission of the PMTs used in the Double Chooz experiment. <i>Journal of Instrumentation</i> , 2016 , 11, P08001-P08001	1	4
60	First measurement of $\bar{\nu}_3$ from delayed neutron capture on hydrogen in the Double Chooz experiment. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013 , 723, 66-70	4.2	82
59	Direct measurement of backgrounds using reactor-off data in Double Chooz. <i>Physical Review D</i> , 2013 , 87,	4.9	18
58	First test of Lorentz violation with a reactor-based antineutrino experiment. <i>Physical Review D</i> , 2012 , 86,	4.9	33
57	Reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. <i>Physical Review D</i> , 2012 , 86,	4.9	238
56	Indication of reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. <i>Physical Review Letters</i> , 2012 , 108, 131801	7.4	792
55	Precise measurements of direct CP violation, CPT symmetry, and other parameters in the neutral kaon system. <i>Physical Review D</i> , 2011 , 83,	4.9	52
54	Dispersive analysis of K_L^0 and K_L^0 scalar and vector form factors using KTeV data. <i>Physical Review D</i> , 2010 , 81,	4.9	9
53	Final results from the KTeV experiment on the decay $K_L^0 \rightarrow \pi^0 \pi^0$. <i>Physical Review D</i> , 2008 , 77,	4.9	29

52	Measurement of the decay $KL \rightarrow \pi^+ e^+ \pi^-$ <i>Physical Review D</i> , 2007 , 76,	4.9	5
51	First observation of $K\{L\} \rightarrow \pi\{+/-\} e\{-/+ \} \nu e\{+ \} e\{- \}$. <i>Physical Review Letters</i> , 2007 , 99, 081803	7.4	2
50	Measurement of the K_0 charge radius and a CP-violating asymmetry and a search for CP-violating E1 direct photon emission in the rare decay $KL \rightarrow \pi^+ \pi^- e^+ e^-$. <i>Physical Review Letters</i> , 2006 , 96, 101801	7.4	16
49	Measurements of the branching fraction and decay distributions for $KL \rightarrow \pi^+ \pi^-$ and $KL \rightarrow \pi^+ e^- \pi^0$ <i>Physical Review D</i> , 2005 , 71,	4.9	13
48	A determination of the Cabibbo-Kobayashi-Maskawa parameter $ V_{us} $ using KL decays. <i>Physical Review Letters</i> , 2004 , 93, 181802	7.4	47
47	Search for the rare decay $K(L) \rightarrow \pi(0) e^+ e^-$. <i>Physical Review Letters</i> , 2004 , 93, 021805	7.4	83
46	Measurements of KL branching fractions and the CP violation parameter $ \epsilon $ <i>Physical Review D</i> , 2004 , 70,	4.9	39
45	Measurements of direct CP violation, CPT symmetry, and other parameters in the neutral kaon system. <i>Physical Review D</i> , 2003 , 67,	4.9	137
44	Measurement of the K(L) charge asymmetry. <i>Physical Review Letters</i> , 2002 , 88, 181601	7.4	43
43	Search for the $KL \rightarrow \pi^0 \pi^0 e^+ e^-$ decay in the KTeV experiment. <i>Physical Review Letters</i> , 2002 , 89, 211801	7.4	3
42	Radiative decay width measurements of neutral kaon excitations using the primakoff effect. <i>Physical Review Letters</i> , 2002 , 89, 072001	7.4	8
41	Study of the $K(0)(L) \rightarrow \pi^+ \pi^- \gamma$ Direct Emission Vertex. <i>Physical Review Letters</i> , 2001 , 86, 761-4	7.4	15
40	First Observation of the Decay $KL \rightarrow \pi^+ e^+ \pi^-$ <i>Physical Review Letters</i> , 2001 , 87,	7.4	5
39	Search for the decay $KL \rightarrow \pi(0) e^+ e^-$. <i>Physical Review Letters</i> , 2001 , 86, 397-401	7.4	22
38	Measurements of the rare decay $K(L) \rightarrow e^+ e^- e^+ e^-$. <i>Physical Review Letters</i> , 2001 , 86, 5425-9	7.4	15
37	Search for the decay $K(L) \rightarrow \pi(0) \mu^+ \mu^-$. <i>Physical Review Letters</i> , 2000 , 84, 5279-82	7.4	95
36	Search for the decay $KL \rightarrow \pi^+ \pi^-$ using $\pi^0 \rightarrow e^+ e^- \gamma$ <i>Physical Review D</i> , 2000 , 61,	4.9	42
35	Observation of CP violation in $K(L) \rightarrow \pi^+ \pi^- e^+ e^-$ decays. <i>Physical Review Letters</i> , 2000 , 84, 408-11	7.4	61

34	Evidence for the decay $KL \rightarrow \pi\pi$. <i>Physical Review D</i> , 2000 , 62,	4.9	6
33	Search for the weak decay of a lightly bound H_0 dibaryon. <i>Physical Review Letters</i> , 2000 , 84, 2593-7	7.4	21
32	Observation of Direct CP Violation in $KS, L \rightarrow \pi\pi$ Decays. <i>Physical Review Letters</i> , 1999 , 83, 22-27	7.4	294
31	Measurement of the Branching Ratio of $\bar{D} \rightarrow e^+e^-$ Using $KL \rightarrow 3\pi$ Decays in Flight. <i>Physical Review Letters</i> , 1999 , 83, 922-925	7.4	12
30	Measurement of the Decay $KL \rightarrow \pi\pi$. <i>Physical Review Letters</i> , 1999 , 83, 917-921	7.4	33
29	Measurement of the Branching Fraction of the Decay $KL \rightarrow \pi\pi + e^+$. <i>Physical Review Letters</i> , 1998 , 80, 4123-4126	7.4	20
28	Measurements of mean lifetime and branching fractions of b hadrons decaying to J/ ψ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 295, 396-408	4.2	32
27	Measurement of mixing at the Z using a jet-charge method. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1992 , 284, 177-190	4.2	25
26	Production and decay of charmed mesons at the Z resonance. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 266, 218-230	4.2	42
25	Measurement of B ⁻ mixing at the Z. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 258, 236-246	4.2	28
24	Measurement of the B hadron lifetime. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991 , 257, 492-504	4.2	21
23	Study of $\pi^+ \pi^-$ transitions from the Upsilon (3S) and a search for the hb. <i>Physical Review D</i> , 1991 , 43, 1448-1458	4.9	32
22	Search for a neutral Higgs boson in B-meson decay. <i>Physical Review D</i> , 1989 , 40, 712-720	4.9	13
21	Search for $b \rightarrow u$ transitions in exclusive hadronic B-meson decays. <i>Physical Review Letters</i> , 1989 , 62, 2436-2439	7.4	29
20	Measurement of the muonic branching fractions of the Upsilon (1S) and Upsilon (3S). <i>Physical Review D</i> , 1989 , 39, 3528-3531	4.9	7
19	$B_0 B\text{-bar}_0$ mixing at the Upsilon (4S). <i>Physical Review Letters</i> , 1989 , 62, 2233-2236	7.4	128
18	Measurement of Ds decay modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 226, 192-196	4.2	17
17	First observation of inclusive \bar{D} production in \bar{D} decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 224, 445-449	4.2	21

16	Charm production in nonresonant e+e- annihilations at $\sqrt{s}=10.55$ GeV. <i>Physical Review D</i> , 1988 , 37, 1719-1743	4.9	78
15	Investigation of the total charm-pair cross section in nonresonant e+e- annihilations at $\sqrt{s}=10.5$ GeV. <i>Physical Review D</i> , 1988 , 38, 2679-2686	4.9	2
14	Upper limits on charm-changing neutral-current interactions. <i>Physical Review Letters</i> , 1988 , 60, 1614-1617.	4	16
13	Branching ratios of B mesons to K+,K-, and K0/K-bar0. <i>Physical Review Letters</i> , 1987 , 58, 1814-1817	7.4	21
12	Study of $\pi^+ \pi^-$ transitions from the Upsilon (3S). <i>Physical Review Letters</i> , 1987 , 58, 307-310	7.4	47
11	Evidence for charmed baryons in B-meson decay. <i>Physical Review Letters</i> , 1987 , 59, 22-25	7.4	34
10	Exclusive decays and masses of the B mesons. <i>Physical Review D</i> , 1987 , 36, 1289-1301	4.9	35
9	$\Gamma(b \rightarrow u \ell \nu) / \Gamma(b \rightarrow c \ell \nu)$ from the end point of the lepton momentum spectrum in semileptonic B decay. <i>Physical Review Letters</i> , 1987 , 59, 407-410	7.4	76
8	Measurement of the tau lifetime. <i>Physical Review D</i> , 1987 , 36, 690-701	4.9	21
7	Inclusive B-meson decays into charm. <i>Physical Review D</i> , 1987 , 35, 19-26	4.9	31
6	Limits on B0B-bar0 mixing and ϵ . <i>Physical Review Letters</i> , 1987 , 58, 183-186	7.4	60
5	Improved upper limit on flavor-changing neutral-current decays of the b quark. <i>Physical Review D</i> , 1987 , 35, 3533-3536	4.9	34
4	Study of the decay $B \rightarrow \psi X$. <i>Physical Review D</i> , 1986 , 34, 3279-3285	4.9	26
3	Decay $D_0 \rightarrow \phi K\text{-bar}_0$. <i>Physical Review Letters</i> , 1986 , 56, 1893-1896	7.4	38
2	Observation of the decay $B \rightarrow FX$. <i>Physical Review Letters</i> , 1986 , 56, 2781-2784	7.4	19
1	Decay $B \rightarrow \psi X$. <i>Physical Review Letters</i> , 1985 , 55, 1248-1251	7.4	31