

E Blucher

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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

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g-index

71
ext. papers

8,839
ext. citations

5.6
avg, IF

2.9
L-index

#	Paper	IF	Citations
69	Review of Particle Physics*. <i>Physical Review D</i> , 2018 , 98,	4.9	4401
68	Indication of reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. <i>Physical Review Letters</i> , 2012 , 108, 131801	7.4	792
67	Observation of Direct CP Violation in $K_S, L \rightarrow \pi\pi$ Decays. <i>Physical Review Letters</i> , 1999 , 83, 22-27	7.4	294
66	Reactor $\bar{\nu}_e$ disappearance in the Double Chooz experiment. <i>Physical Review D</i> , 2012 , 86,	4.9	238
65	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
64	$B^0\bar{B}^0$ mixing at the Upsilon (4S). <i>Physical Review Letters</i> , 1989 , 62, 2233-2236	7.4	128
63	Search for the decay $K(L) \rightarrow \pi(0)\mu^+\mu^-$. <i>Physical Review Letters</i> , 2000 , 84, 5279-82	7.4	95
62	Search for the rare decay $K(L) \rightarrow \pi(0)e^+e^-$. <i>Physical Review Letters</i> , 2004 , 93, 021805	7.4	83
61	First measurement of β_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
60	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
59	$\Gamma(b \rightarrow u\ell\nu) / \Gamma(b \rightarrow c\ell\nu)$ 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
58	Volume I. Introduction to DUNE. <i>Journal of Instrumentation</i> , 2020 , 15, T08008-T08008	1	67
57	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
56	Limits on $B^0\bar{B}^0$ mixing and ϵ . <i>Physical Review Letters</i> , 1987 , 58, 183-186	7.4	60
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	A determination of the Cabibbo-Kobayashi-Maskawa parameter $ V_{us} $ using KL decays. <i>Physical Review Letters</i> , 2004 , 93, 181802	7.4	47
53	Study of $\pi^+\pi^-$ transitions from the Upsilon (3S). <i>Physical Review Letters</i> , 1987 , 58, 307-310	7.4	47

52	Measurement of the K(L) charge asymmetry. <i>Physical Review Letters</i> , 2002 , 88, 181601	7.4	43
51	Search for the decay $KL \rightarrow \pi\pi$ using $D \rightarrow e+e\pi$ <i>Physical Review D</i> , 2000 , 61,	4.9	42
50	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
49	Measurements of KL branching fractions and the CP violation parameter $ \eta'_{\pi\pi} $ <i>Physical Review D</i> , 2004 , 70,	4.9	39
48	Decay $D_0 \rightarrow \pi K^0$. <i>Physical Review Letters</i> , 1986 , 56, 1893-1896	7.4	38
47	Exclusive decays and masses of the B mesons. <i>Physical Review D</i> , 1987 , 36, 1289-1301	4.9	35
46	Evidence for charmed baryons in B-meson decay. <i>Physical Review Letters</i> , 1987 , 59, 22-25	7.4	34
45	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
44	First test of Lorentz violation with a reactor-based antineutrino experiment. <i>Physical Review D</i> , 2012 , 86,	4.9	33
43	Measurement of the Decay $KL \rightarrow \pi\pi$ <i>Physical Review Letters</i> , 1999 , 83, 917-921	7.4	33
42	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
41	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
40	Inclusive B-meson decays into charm. <i>Physical Review D</i> , 1987 , 35, 19-26	4.9	31
39	Decay $B \rightarrow \psi X$. <i>Physical Review Letters</i> , 1985 , 55, 1248-1251	7.4	31
38	Final results from the KTeV experiment on the decay $KL \rightarrow \pi\pi$ <i>Physical Review D</i> , 2008 , 77,	4.9	29
37	Search for $b \rightarrow u$ transitions in exclusive hadronic B-meson decays. <i>Physical Review Letters</i> , 1989 , 62, 2436-2439	7.4	29
36	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
35	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

34	Study of the decay $B \rightarrow \psi X$. <i>Physical Review D</i> , 1986 , 34, 3279-3285	4.9	26
33	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
32	Search for the decay $KL \rightarrow \pi(0)e^+e^-$. <i>Physical Review Letters</i> , 2001 , 86, 397-401	7.4	22
31	Search for the weak decay of a lightly bound $H0$ dibaryon. <i>Physical Review Letters</i> , 2000 , 84, 2593-7	7.4	21
30	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
29	First observation of inclusive \bar{D} production in D decays. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 224, 445-449	4.2	21
28	Branching ratios of B mesons to $K^+, K^-,$ and $K0/K\text{-bar}0$. <i>Physical Review Letters</i> , 1987 , 58, 1814-1817	7.4	21
27	Measurement of the tau lifetime. <i>Physical Review D</i> , 1987 , 36, 690-701	4.9	21
26	Measurement of the Branching Fraction of the Decay $KL \rightarrow \pi^0 \pi^0 e^+ e^-$. <i>Physical Review Letters</i> , 1998 , 80, 4123-4126	7.4	20
25	Observation of the decay $B \rightarrow FX$. <i>Physical Review Letters</i> , 1986 , 56, 2781-2784	7.4	19
24	Direct measurement of backgrounds using reactor-off data in Double Chooz. <i>Physical Review D</i> , 2013 , 87,	4.9	18
23	Measurement of D_s decay modes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1989 , 226, 192-196	4.2	17
22	Measurement of the $K0$ 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
21	Upper limits on charm-changing neutral-current interactions. <i>Physical Review Letters</i> , 1988 , 60, 1614-1617	7.4	16
20	Supernova neutrino burst detection with the Deep Underground Neutrino Experiment. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	16
19	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
18	Measurements of the rare decay $K(L) \rightarrow e^+ e^- e^+ e^-$. <i>Physical Review Letters</i> , 2001 , 86, 5425-9	7.4	15
17	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

16	Measurements of the branching fraction and decay distributions for $KL \rightarrow \pi\pi$ and $KL \rightarrow \pi e \nu$ <i>Physical Review D</i> , 2005 , 71,	4.9	13
15	Search for a neutral Higgs boson in B-meson decay. <i>Physical Review D</i> , 1989 , 40, 712-720	4.9	13
14	Measurement of the Branching Ratio of $D \rightarrow e^+e^-$ Using $KL \rightarrow 3\pi$ Decays in Flight. <i>Physical Review Letters</i> , 1999 , 83, 922-925	7.4	12
13	Dispersive analysis of KL_B and KL_{e3} scalar and vector form factors using KTeV data. <i>Physical Review D</i> , 2010 , 81,	4.9	9
12	Radiative decay width measurements of neutral kaon excitations using the primakoff effect. <i>Physical Review Letters</i> , 2002 , 89, 072001	7.4	8
11	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
10	Evidence for the decay $KL \rightarrow \mu\pi$ <i>Physical Review D</i> , 2000 , 62,	4.9	6
9	Measurement of the decay $KL \rightarrow D^0 e^+ e^-$ <i>Physical Review D</i> , 2007 , 76,	4.9	5
8	First Observation of the Decay $KL \rightarrow D^0 e^+ e^-$ <i>Physical Review Letters</i> , 2001 , 87,	7.4	5
7	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
6	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
5	First observation of $K_{L1} \rightarrow \pi^+ \pi^- e^+ e^-$. <i>Physical Review Letters</i> , 2007 , 99, 081803	7.4	2
4	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
3	Design, construction and operation of the ProtoDUNE-SP Liquid Argon TPC. <i>Journal of Instrumentation</i> , 2022 , 17, P01005	1	1
2	Search for signatures of sterile neutrinos with Double Chooz. <i>European Physical Journal C</i> , 2021 , 81, 1	4.2	1
1	Searching for solar KDAR with DUNE. <i>Journal of Cosmology and Astroparticle Physics</i> , 2021 , 2021, 065	6.4	0