

Ken-ichi Hikasa

List of Publications by Year in descending order

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49
papers

1,487
citations

361045

20
h-index

301761

39
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all docs

52
docs citations

52
times ranked

3745
citing authors

#	ARTICLE	IF	CITATIONS
1	Light scalar top quark at e^+e^- colliders. <i>Physical Review D</i> , 1987, 36, 724-732.	1.6	212
2	Note on QCD corrections to hadronic Higgs decay. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 240, 455-464.	1.5	187
3	Scalar top production in e^+e^- annihilation. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1990, 252, 127-134.	1.5	109
4	Heavy-quark thresholds in Higgs-boson physics. <i>Physical Review D</i> , 1990, 41, 1547-1561.	1.6	91
5	Transverse-polarization effects in e^+e^- collisions: The role of chiral symmetry. <i>Physical Review D</i> , 1986, 33, 3203-3223.	1.6	67
6	Current experimental bounds on stop mass in natural SUSY. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	61
7	Probing anomalous top quark interactions at the Fermilab Tevatron collider. <i>Physical Review D</i> , 1998, 58, .	1.6	60
8	Another look at e^+e^- scattering in the scalar channel. <i>Physical Review D</i> , 1999, 59, .	1.6	56
9	Light dark matter in NMSSM and implication on Higgs phenomenology. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 703, 292-297.	1.5	54
10	Time-reversal-odd asymmetry in semi-inclusive lepton production in quantum chromodynamics. <i>Physical Review D</i> , 1983, 27, 84-97.	1.6	50
11	Experimental constraints on supersymmetric top-charm partner flavor mixing and implications for top-quark flavor changing neutral current processes. <i>Physical Review D</i> , 2006, 74, .	1.6	46
12	Testing electroweak SUSY for muon $g - 2$ and dark matter at the LHC and beyond. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	39
13	Status of CMSSM in light of current LHC Run-2 and LUX data. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 769, 470-476.	1.5	38
14	Counting neutrino species in high-energy proton-antiproton collisions. <i>Physical Review D</i> , 1984, 29, 1939-1944.	1.6	36
15	Heavy Higgs production in e^+e^- and $e^+e^-e^+e^-$ collisions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1985, 164, 385-390.	1.5	35
16	R-parity violation and top quark polarization at the Fermilab Tevatron collider. <i>Physical Review D</i> , 1999, 60, .	1.6	35
17	Soft-breaking correction to hard supersymmetric relations QCD correction to squark decay. <i>Zeitschrift für Physik C-Particles and Fields</i> , 1996, 70, 139-143.	1.5	34
18	Parity-Odd Asymmetries in W-Jet Events at Hadron Colliders. <i>Physical Review Letters</i> , 1984, 52, 1076-1079.	2.9	32

#	ARTICLE	IF	CITATIONS
19	SUSY dark matter in light of CDMS II results: a comparative study for different models. Journal of High Energy Physics, 2010, 2010, 1.	1.6	30
20	Flavor-changing neutral current top-squark decay as a probe of squark mixing. Physical Review D, 2004, 70, .	1.6	24
21	Dark matter direct detection constraints on the minimal supersymmetric standard model and implications for LHC Higgs boson searches. Physical Review D, 2010, 82, .	1.6	20
22	Single top squark production as a probe of natural supersymmetry at the LHC. Physical Review D, 2016, 93, .	1.6	18
23	Probing bino-wino coannihilation dark matter below the neutrino floor at the LHC. Physical Review D, 2018, 98, .	1.6	18
24	Strongly interacting WW sector with a scalar resonance. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 261, 285-288.	1.5	15
25	Searching for t-flavor-changing neutral currents in $e^+e^- \rightarrow \tau^+\tau^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 149, 221-224.	1.5	13
26	Measuring Three-Gluon Coupling in Semi-Inclusive Neutrino and Antineutrino Scattering. Physical Review Letters, 1981, 47, 983-986.	2.9	10
27	Parity-Odd Asymmetries in W-Jet Events at the Fermilab Tevatron. Physical Review Letters, 2006, 97, 221802.	2.9	10
28	Leptonic mono-top from single stop production at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
29	A test of gauge nature of the W boson in the reaction $e^+e^- \rightarrow \tau^+\tau^- Z^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 128, 253-256.	1.5	9
30	Anomalous missing-pT events at the CERN pp collider: The standard model re-examined. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 157, 447-452.	1.5	9
31	Pseudo-goldstino and electroweak gauginos at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
32	WW scattering with scalar and vector resonances. Physical Review D, 1993, 48, 3055-3061.	1.6	7
33	Effects of transverse polarization in electron-positron collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 143, 266-268.	1.5	6
34	Hard gluon emission from colored scalar pairs in e^+e^- annihilation. Physical Review D, 1996, 54, 1908-1918.	1.6	5
35	Light scalars and SU(5) predictions for $\sin^2 \theta_W$ and the proton lifetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 141, 372-376.	1.5	4
36	Looking beyond the standard model through colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 145, 139-141.	1.5	4

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37	Counting neutrinos with monojets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 168, 135-140.	1.5	4
38	Four-fermion decay of Higgs bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 36-41.	1.5	4
39	Higgs-boson associated production in e^+e^- annihilation below the Z. Physical Review D, 1989, 40, 47-53.	1.6	3
40	Narrow high-spin b-flavored mesons. Physical Review D, 1981, 23, 2027-2033.	1.6	2
41	Quark-antiquark potential and QCD duality. Physical Review D, 1983, 28, 565-571.	1.6	2
42	Transverse-polarization effects at ep colliders. Physical Review D, 1988, 38, 1439-1442.	1.6	2
43	Structure in the momentum distribution of W, Z: A unified description of p collider anomalies. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 152, 369-372.	1.5	1
44	Parity-Odd Asymmetries in W-Jet Events at Hadron Colliders. Physical Review Letters, 1991, 67, 931-931.	2.9	1
45	Probing the s generation spectrum in chargino decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 435, 67-72.	1.5	1
46	Probing stops in the coannihilation region at the HL-LHC: A comparative study of different processes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 810, 135800.	1.5	1
47	An upper bound for the t-quark mass from duality and unitarity. Zeitschrift für Physik C-Particles and Fields, 1980, 6, 47-49.	1.5	0
48	Comment on spinless-boson interpretations of anomalous events. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 153, 108-110.	1.5	0
49	Parity as a Low-Energy Symmetry. Physica Scripta, 1986, 34, 204-206.	1.2	0