

# 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  
g-index

52  
all docs

52  
docs citations

52  
times ranked

3745  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Testing electroweak SUSY for muon $g - 2$ and dark matter at the LHC and beyond. Journal of High Energy Physics, 2019, 2019, 1.	1.6	39
3	Probing bino-wino coannihilation dark matter below the neutrino floor at the LHC. Physical Review D, 2018, 98, .	1.6	18
4	Status of CMSSM in light of current LHC Run-2 and LUX data. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 470-476.	1.5	38
5	Leptonic mono-top from single stop production at the LHC. Journal of High Energy Physics, 2017, 2017, 1.	1.6	10
6	Single top squark production as a probe of natural supersymmetry at the LHC. Physical Review D, 2016, 93, .	1.6	18
7	Pseudo-goldstino and electroweak gauginos at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	9
8	Current experimental bounds on stop mass in natural SUSY. Journal of High Energy Physics, 2013, 2013, 1.	1.6	61
9	Light dark matter in NMSSM and implication on Higgs phenomenology. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2011, 703, 292-297.	1.5	54
10	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
11	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
12	Experimental constraints on supersymmetric top-charm partner flavor mixing and implications for top-quark flavor changing neutral current processes. Physical Review D, 2006, 74, .	1.6	46
13	Parity-Odd Asymmetries in $W$ -Jet Events at the Fermilab Tevatron. Physical Review Letters, 2006, 97, 221802.	2.9	10
14	Flavor-changing neutral current top-squark decay as a probe of squark mixing. Physical Review D, 2004, 70, .	1.6	24
15	Another look at $t\bar{t}$ scattering in the scalar channel. Physical Review D, 1999, 59, .	1.6	56
16	R-parity violation and top quark polarization at the Fermilab Tevatron collider. Physical Review D, 1999, 60, .	1.6	35
17	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
18	Probing anomalous top quark interactions at the Fermilab Tevatron collider. Physical Review D, 1998, 58, .	1.6	60

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19	Soft-breaking correction to hard supersymmetric relations QCD correction to squark decay. Zeitschrift für Physik C-Particles and Fields, 1996, 70, 139-143.	1.5	34
20	Hard gluon emission from colored scalar pairs in $e^+e^-$ annihilation. Physical Review D, 1996, 54, 1908-1918.	1.6	5
21	Four-fermion decay of Higgs bosons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 36-41.	1.5	4
22	$WW$ scattering with scalar and vector resonances. Physical Review D, 1993, 48, 3055-3061.	1.6	7
23	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
24	Parity-Odd Asymmetries in $W$ -jet Events at Hadron Colliders. Physical Review Letters, 1991, 67, 931-931.	2.9	1
25	Scalar top production in $e^+e^-$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 252, 127-134.	1.5	109
26	Note on QCD corrections to hadronic Higgs decay. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 240, 455-464.	1.5	187
27	Heavy-quark thresholds in Higgs-boson physics. Physical Review D, 1990, 41, 1547-1561.	1.6	91
28	Higgs-boson associated production in $e^+e^-$ annihilation below the $Z$ . Physical Review D, 1989, 40, 47-53.	1.6	3
29	Transverse-polarization effects at $e^+e^-$ colliders. Physical Review D, 1988, 38, 1439-1442.	1.6	2
30	Light scalar top quark at $e^+e^-$ colliders. Physical Review D, 1987, 36, 724-732.	1.6	212
31	Counting neutrinos with monojets. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 168, 135-140.	1.5	4
32	Parity as a Low-Energy Symmetry. Physica Scripta, 1986, 34, 204-206.	1.2	0
33	Transverse-polarization effects in $e^+e^-$ collisions: The role of chiral symmetry. Physical Review D, 1986, 33, 3203-3223.	1.6	67
34	Heavy Higgs production in $e^+e^-$ and $e^+e^-e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 164, 385-390.	1.5	35
35	Anomalous missing- $p_T$ 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
36	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

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37	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
38	Counting neutrino species in high-energy proton-antiproton collisions. Physical Review D, 1984, 29, 1939-1944.	1.6	36
39	Parity-Odd Asymmetries in W-Jet Events at Hadron Colliders. Physical Review Letters, 1984, 52, 1076-1079.	2.9	32
40	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
41	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
42	Searching for t-flavor-changing neutral currents in $e^+e^- \rightarrow \gamma^* \rightarrow t\bar{t}$ annihilation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 149, 221-224.	1.5	13
43	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
44	A test of gauge nature of the W boson in the reaction $e^+e^- \rightarrow \gamma^* \rightarrow Z^0 \rightarrow \tau^+\tau^-$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 128, 253-256.	1.5	9
45	Time-reversal-odd asymmetry in semi-inclusive lepton production in quantum chromodynamics. Physical Review D, 1983, 27, 84-97.	1.6	50
46	Quark-antiquark potential and QCD duality. Physical Review D, 1983, 28, 565-571.	1.6	2
47	Narrow high-spin b-flavored mesons. Physical Review D, 1981, 23, 2027-2033.	1.6	2
48	Measuring Three-Gluon Coupling in Semi-Inclusive Neutrino and Antineutrino Scattering. Physical Review Letters, 1981, 47, 983-986.	2.9	10
49	An upper bound for the top-quark mass from duality and unitarity. Zeitschrift für Physik C-Particles and Fields, 1980, 6, 47-49.	1.5	0