

# Saurabh D Rindani

## List of Publications by Year in descending order

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50  
papers

923  
citations

394421

19  
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477307

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g-index

54  
all docs

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docs citations

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times ranked

816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Use of Z polarization in $e^+e^- \rightarrow \tau^+\tau^- ZH$ to measure the triple-Higgs coupling. Nuclear Physics B, 2022, 975, 115649.	2.5	1
2	Study of anomalous gauge-Higgs couplings using boson polarization at LHC. Nuclear Physics B, 2021, 964, 115317.	2.5	8
3	Probing anomalous gauge-Higgs couplings using Z boson polarization at $e^+e^-$ colliders. Nuclear Physics B, 2020, 950, 114840.	2.5	8
4	Indirect measurement of triple-Higgs coupling at an electron-positron collider with polarized beams. International Journal of Modern Physics A, 2020, 35, 2050011.	1.5	1
5	Why the angular distribution of the top decay lepton is unchanged by anomalous $tbW$ couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 790, 322-325.	4.1	6
6	W boson polarization as a measure of gauge-Higgs anomalous couplings at the LHC. Nuclear Physics B, 2019, 940, 78-87.	2.5	6
7	Inclusive spin-momentum analysis and new physics at a polarized electron-positron collider. European Physical Journal C, 2018, 78, 1.	3.9	3
8	Effective fermion-Higgs interactions at an $e^+e^-$ collider with polarized beams. Nuclear Physics B, 2016, 911, 274-294.	2.5	0
9	Unraveling the CP phase of top-Higgs coupling in associated production at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 761, 25-30.	4.1	15
10	Looking for BSM physics using top-quark polarization and decay-lepton kinematic asymmetries. Physical Review D, 2015, 92, .	4.7	12
11	Polarization of top quark as a probe of its chromomagnetic and chromoelectric couplings in $tW$ production at the Large Hadron Collider. Journal of High Energy Physics, 2015, 2015, 1.	4.7	17
12	Longitudinal top polarisation measurement and anomalous $Wtb$ coupling. European Physical Journal C, 2015, 75, 1.	3.9	25
13	New physics in $e^+e^- \rightarrow \tau^+\tau^- Z\tilde{\chi}^0_3$ at the ILC with polarized beams: explorations beyond conventional anomalous triple gauge boson couplings. Journal of High Energy Physics, 2014, 2014, 1.	4.7	11
14	Measuring the charged Higgs mass and distinguishing between models with top-quark observables. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
15	Probing chromomagnetic and chromoelectric couplings of the top quark using its polarization in pair production at hadron colliders. Physical Review D, 2013, 88, .	4.7	27
16	Generalized top-spin analysis and new physics in $e^+e^- \rightarrow \tau^+\tau^- Z\tilde{\chi}^0_3$ collisions with beam polarization. Physical Review D, 2012, 85, .	4.7	3
17	Top-spin analysis of new scalar and tensor interactions in $e^+e^- \rightarrow \tau^+\tau^- Z$ collisions with transverse beam polarization. Pramana - Journal of Physics, 2012, 79, 1275-1279.	4.7	10
18	Top-spin analysis of new scalar and tensor interactions in $e^+e^- \rightarrow \tau^+\tau^- Z$ collisions with transverse beam polarization. Pramana - Journal of Physics, 2012, 79, 1275-1279.	1.8	0

#	ARTICLE	IF	CITATIONS
19	CP violation in tbW couplings at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 413-418.	4.1	16
20	Top polarization, forward-backward asymmetry, and new physics. Physical Review D, 2011, 84, .	4.7	47
21	Top-spin analysis of new scalar and tensor interactions in $e^+e^- \rightarrow e^+e^- Z \gamma$ with beam polarization. Physical Review D, 2011, 83, .	4.7	3
22	Probing top charged-Higgs production using top polarization at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
23	Probing anomalous tbW couplings in single-top production using top polarization at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	33
24	On measurement of top polarization as a probe of $t\bar{t}$ production mechanisms at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	60
25	Decay-lepton correlations as probes of anomalous ZZH and $t\bar{t}$ ZH interactions in $e^+e^- \rightarrow e^+e^- Z \gamma$ with polarized beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 134-139.	4.7	3
26	Top polarization as a probe of new physics. AIP Conference Proceedings, 2010, , .	0.4	14
27	Use of transverse polarization to probe R-parity violating supersymmetry at ILC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 395-400.	4.1	3
28	Angular distributions as a probe of anomalous $Z\gamma$ and $H\gamma$ interactions at a linear collider with polarized beams. Physical Review D, 2009, 79, .	4.7	24
29	Two-particle kinematic distributions from new physics at an electron-positron collider with polarized beams. European Physical Journal C, 2008, 56, 171-179.	3.9	8
30	Charged lepton distributions as a probe of contact $e\bar{e}\gamma^*HZ$ interactions at a linear collider with polarized beams. Physical Review D, 2008, 77, .	4.7	11
31	DECAY OF SPIN-ONE PARTICLE INTO TWO PHOTONS IN PRESENCE OF UNIFORM EXTERNAL MAGNETIC FIELD. International Journal of Modern Physics A, 2007, 22, 707-720.	1.5	9
32	Transverse polarization in $\hat{t}\bar{t}Z$ , H Z production. Pramana - Journal of Physics, 2007, 69, 883-887.	1.8	0
33	Lepton distribution in top decay: A probe of new physics and top-polarization. Pramana - Journal of Physics, 2007, 69, 915-919.	1.8	2
34	Probing CP-violating contact interactions in $e^+e^- \rightarrow e^+e^- Z \gamma$ with polarized beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 648, 105-110.	4.1	17
35	Physics prospects at a linear $e^+e^-$ collider. Pramana - Journal of Physics, 2006, 67, 579-596.	1.8	0
36	Lepton distribution as a probe of new physics in production and decay of the top quark and its polarization. Journal of High Energy Physics, 2006, 2006, 021-021.	4.7	65

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37	Transverse beam polarization and CP violation in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^3 Z$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 95-104.	4.1	20
38	New physics in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^3$ with polarized beams. Journal of High Energy Physics, 2005, 2005, 077-077.	4.7	14
39	CP violation at a linear collider with transverse polarization. Physical Review D, 2004, 70, .	4.7	27
40	Transverse beam polarization and CP-violating triple gauge-boson couplings in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^3 Z$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 95-104.	4.1	30
41	Transverse beam polarization and limits on leptoquark couplings in. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 602, 97-104.	4.1	13
42	Single decay-lepton angular distributions in polarized $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^3$ and simple angular asymmetries as a measure of CP-violating top dipole couplings and simple angular asymmetries as a measure of CP-violating top dipole couplings. Pramana - Journal of Physics, 2003, 61, 33-50.	1.8	19
43	Study of the CP property of the Higgs boson at a photon collider using $\hat{\tau}^3 \hat{\tau}^+ \hat{\tau}^- \rightarrow \hat{\tau}^+ \hat{\tau}^- X$ . Physical Review D, 2003, 67, .	4.7	40
44	Effect of anomalous $t\bar{b}W$ vertex on decay-lepton distributions in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^- t\bar{t}$ and CP-violating asymmetries. Pramana - Journal of Physics, 2000, 54, 791-812.	1.8	54
45	Simple decay-lepton asymmetries in polarized and CP-violating dipole couplings of the top quark. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 383, 212-218.	4.1	22
46	Decay-lepton angular distribution in polarized $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^- t\bar{t}$ and CP-violating dipole couplings of the top quark. Physical Review D, 1996, 54, 4326-4332.	4.7	24
47	Top quarks and CP violation in polarized $e^+e^-$ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 333-338.	4.1	39
48	CP-violating asymmetries in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^- t\bar{t}$ with longitudinally polarized electrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 379-385.	4.1	39
49	Test of CP-violating neutral gauge boson vertices in $e^+e^- \rightarrow \hat{\tau}^+ \hat{\tau}^3 Z$ . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 198-204.	4.1	34
50	LIGHT TOP QUARK AND LIGHT CHARGED HIGGS REVISITED. Modern Physics Letters A, 1991, 06, 3375-3383.	1.2	1