Saurabh D Rindani

List of Publications by Year
in descending order

50 papers	923 citations	394421 19 h-index	477307 29 g-index
54 all docs	54 docs citations	54 times ranked	816 citing authors

#	Article	IF	Citations
1	Lepton distribution as a probe of new physics in production and decay of thetquark and its polarization. Journal of High Energy Physics, 2006, 2006, 021-021.	4.7	65
2	On measurement of top polarization as a probe of $ tar\{t\} $ production mechanisms at the LHC. Journal of High Energy Physics, 2010, 2010, 1.	4.7	60
3	Effect of anomalous tbW vertex on decay-lepton distributions in e + e â�’ â†' tt and CP-violating asymmetries. Pramana - Journal of Physics, 2000, 54, 791-812.	1.8	54
4	Top polarization, forward-backward asymmetry, and new physics. Physical Review D, 2011, 84, .	4.7	47
5	Study of theCPproperty of the Higgs boson at a photon collider usingÎ³Î³â†'ttÂ¯â†'lX. Physical Review D, 2003, 67, .	4.7	40
6	Top quarks and CP violation in polarized e+eâ�’ collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 343, 333-338.	4.1	39
7	CP-violating asymmetries in e+eâ�’ â†' tt with longitudinally polarized electrons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 349, 379-385.	4.1	39
8	Test of CP-violating neutral gauge boson vertices in e+eâ�’ â†' Î³Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 335, 198-204.	4.1	34
9	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
10	Transverse beam polarization and CP-violating triple gauge-boson couplings in e+eâ˜'â†'Î³Z. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 95-104.	4.1	30
11	Probing top charged-Higgs production using top polarization at the Large Hadron Collider. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29
12	CPviolation at a linear collider with transverse polarization. Physical Review D, 2004, 70, .	4.7	27
13	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
14	Longitudinal top polarisation measurement and anomalous Wtb coupling. European Physical Journal C, 2015, 75, 1.	3.9	25
15	Decay-lepton angular distribution in polarizede+eâ˜'â†'ttÂ¯andCP-violating dipole couplings of the top quark. Physical Review D, 1996, 54, 4326-4332.	4.7	24
16	Angular distributions as a probe of anomalous$ZZH$and$Î³ZH$interactions at a linear collider with polarized beams. Physical Review D, 2009, 79, .	4.7	24
17	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
18	Transverse beam polarization and CP violation in $si1.gif$ xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://. Physics Letters, Sect	4.1	20

#	Article	IF	Citations
19	Single decay-lepton angular distributions in polarized e + e â^' â†' $$overline {tt} $$ and simple angular asymmetries as a measure of CP-violating top dipole couplingsand simple angular asymmetries as a Probing CP-violating contact interactions in $<$ mml:math altimg="si1.gif" overflow="scroll"50.	1.8	19
20	xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.. Physics Letter	4.1	17
21	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
22	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
23	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
24	New physics ine+eâ^'â†'ZÎ³ with polarized beams. Journal of High Energy Physics, 2005, 2005, 077-077.	4.7	14
25	Top polarization as a probe of new physics. AIP Conference Proceedings, 2010, , .	0.4	14
26	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
27	Decay-lepton correlations as probes of anomalous ZZH and Î³ZH interactions in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>e</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:msup><mml:mi>e</mml:mi><mml:mo> mathvariant="italic">HZ</mml:mi></mml:math> with polarized beams. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 693, 134-139.	4.1	13
28	Looking for BSM physics using top-quark polarization and decay-lepton kinematic asymmetries. Physical Review D, 2015, 92, .	4.7	12
29	Charged lepton distributions as a probe of contacte+eâ^'HZinteractions at a linear collider with polarized beams. Physical Review D, 2008, 77, .	4.7	11
30	New physics in e + e â^' â†' ZÎ³ 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
31	display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>-violating<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î³</mml:mi><mml:mi>Z</mml:mi><mml:mi>Z</mml:mi></mml:math>coupling in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline">	4.7	10
32	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
33	Two-particle kinematic distributions from new physics at an electronâ€"positron collider with polarized beams. European Physical Journal C, 2008, 56, 171-179.	3.9	8
34	Measuring the charged Higgs mass and distinguishing between models with top-quark observables. Journal of High Energy Physics, 2013, 2013, 1.	4.7	8
35	Probing anomalous gauge-Higgs couplings using Z boson polarization at e+eâ^' colliders. Nuclear Physics B, 2020, 950, 114840.	2.5	8
36	Study of anomalous gauge-Higgs couplings using boson polarization at LHC. Nuclear Physics B, 2021, 964, 115317.	2.5	8

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#	Article	IF	Citations
37	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
38	W boson polarization as a measure of gauge-Higgs anomalous couplings at the LHC. Nuclear Physics B, 2019, 940, 78-87.	2.5	6
39	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
40	Top-spin analysis of new scalar and tensor interactions in $e^+ e^-$ with beam polarization. Physical Review D, 2011, 83,	4.7	3
41	$e^{+} e^{-}$ collisions with beam polarization. Physical Review D, 2012, 86,	4.7	3
42	Inclusive spin–momentum analysis and new physics at a polarized electron–positron collider. European Physical Journal C, 2018, 78, 1.	3.9	3
43	Lepton distribution in top decay: A probe of new physics and top-polarization. Pramana - Journal of Physics, 2007, 69, 915-919.	1.8	2
44	LIGHT TOP QUARK AND LIGHT CHARGED HIGGS REVISITED. Modern Physics Letters A, 1991, 06, 3375-3383.	1.2	1
45	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
46	Use of Z polarization in $e+e^- \to ZH$ to measure the triple-Higgs coupling. Nuclear Physics B, 2022, 975, 115649.	2.5	1
47	Physics prospects at a linear $e + e^-$ collider. Pramana - Journal of Physics, 2006, 67, 579-596.	1.8	0
48	Transverse polarization in γZ, H Z production. Pramana - Journal of Physics, 2007, 69, 883-887.	1.8	0
49	Top-spin analysis of new scalar and tensor interactions in $e+e^- e^-$ collisions with transverse beam polarization. Pramana - Journal of Physics, 2012, 79, 1275-1279.	1.8	0
50	Effective fermion–Higgs interactions at an $e + e^-$ collider with polarized beams. Nuclear Physics B, 2016, 911, 274-294.	2.5	0