

Shufang Su

List of Publications by Year in descending order

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49
papers

1,885
citations

318942

23
h-index

274796

44
g-index

49
all docs

49
docs citations

49
times ranked

5391
citing authors

#	ARTICLE	IF	CITATIONS
1	Lepton number violation: From $\langle m \rangle > 0$ $\hat{I}^{1/2}$ \hat{I}^2 decay to long-lived particle searches. Physical Review D, 2022, 105, .	1.6	2
2	Precision Higgs couplings in neutral naturalness models: an effective field theory approach. Journal of High Energy Physics, 2021, 2021, 1.	1.6	0
3	MSSM at future Higgs factories *. Chinese Physics C, 2021, 45, 045106.	1.5	3
4	Heavy Higgs bosons in 2HDM at a muon collider. Physical Review D, 2021, 104, .	1.6	28
5	Comparative studies of 2HDMs under the Higgs boson precision measurements. Journal of High Energy Physics, 2021, 2021, 1.	1.6	10
6	Higgs assisted razor search for Higgsinos at a 100 TeV pp collider. Science China: Physics, Mechanics and Astronomy, 2020, 63, 1.	2.0	1
7	Probing exotic charged Higgs decays in the Type-II 2HDM through top rich signal at a future 100 TeV pp collider. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
8	Nonminimal dark sectors: Mediator-induced decay chains and multijet collider signatures. Physical Review D, 2020, 101, .	1.6	11
9	Deciphering the archaeological record: Cosmological imprints of nonminimal dark sectors. Physical Review D, 2020, 101, .	1.6	14
10	2HDM neutral scalars under the LHC. Journal of High Energy Physics, 2020, 2020, 1.	1.6	30
11	Type-I 2HDM under the Higgs and electroweak precision measurements. Journal of High Energy Physics, 2020, 2020, 1.	1.6	20
12	New physics implication of Higgs precision measurements. International Journal of Modern Physics A, 2019, 34, 1940012.	0.5	6
13	Exotic Higgs decays in Type-II 2HDMs at the LHC and future 100 TeV hadron colliders. Journal of High Energy Physics, 2019, 2019, 1.	1.6	20
14	Precision Higgs physics at the CEPC *. Chinese Physics C, 2019, 43, 043002.	1.5	89
15	Type-II 2HDM under the precision measurements at the Z-pole and a Higgs factory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	30
16	Higgs and Z assisted stop searches at hadron colliders. Journal of High Energy Physics, 2018, 2018, 1.	1.6	0
17	Regge trajectories and Hagedorn behavior: Hadronic realizations of dynamical dark matter. AIP Conference Proceedings, 2017, . .	0.3	2
18	Dynamical Dark Matter from strongly-coupled dark sectors. Physical Review D, 2017, 95, .	1.6	40

#	ARTICLE	IF	CITATIONS
19	Unblinding the dark matter blind spots. Journal of High Energy Physics, 2017, 2017, 1.	1.6	32
20	Learning from Higgs physics at future Higgs factories. Journal of High Energy Physics, 2017, 2017, 1.	1.6	44
21	Beyond the bump-hunt: A game plan for discovering dynamical dark matter at the LHC. AIP Conference Proceedings, 2016, , .	0.3	3
22	Anatomy of exotic Higgs decays in 2HDM. Journal of High Energy Physics, 2016, 2016, 1.	1.6	47
23	Sbottom discovery via mixed decays at the LHC. Physical Review D, 2015, 92, .	1.6	1
24	Complex decay chains of top and bottom squarks. Journal of High Energy Physics, 2015, 2015, 1.	1.6	7
25	Light charged Higgs bosons to $A\bar{W}/HW$ via top decay. Journal of High Energy Physics, 2015, 2015, 1.	1.6	38
26	Exotic Higgs decay via charged Higgs. Journal of High Energy Physics, 2015, 2015, 1.	1.6	13
27	Searches for non-SM heavy Higgses at a 100 TeV pp collider. International Journal of Modern Physics A, 2015, 30, 1544005.	0.5	6
28	Strategies for probing nonminimal dark sectors at colliders: The interplay between cuts and kinematic distributions. Physical Review D, 2015, 91, .	1.6	19
29	Exotic decays of a heavy neutral Higgs through HZ/AZ channel. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
30	Impact of LSP character on Slepton reach at the LHC. Journal of High Energy Physics, 2014, 2014, 1.	1.6	21
31	Charged Higgs search via $A\bar{W} \hat{A}_{\pm}/HW \hat{A}_{\pm}$ channel. Journal of High Energy Physics, 2014, 2014, 1.	1.6	48
32	Constraining type II 2HDM in light of LHC Higgs searches. Journal of High Energy Physics, 2014, 2014, 1.	1.6	41
33	Light neutralino dark matter: direct/indirect detection and collider searches. Journal of High Energy Physics, 2014, 2014, 1.	1.6	72
34	Low-mass Higgs bosons in the NMSSM and their LHC implications. Journal of High Energy Physics, 2013, 2013, 1.	1.6	60
35	Non-decoupling MSSM Higgs sector and light superpartners. Journal of High Energy Physics, 2013, 2013, 1.	1.6	22
36	Electroweakinos in the light of the Higgs boson. Physical Review D, 2013, 88, .	1.6	38

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37	Distinguishing dynamical dark matter at the LHC. <i>Physical Review D</i> , 2012, 86, .	1.6	40
38	Slepton discovery in electroweak cascade decay. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	3
39	MSSM Higgs bosons at the LHC. <i>Physical Review D</i> , 2012, 85, .	1.6	62
40	Sbottom signature of supersymmetric golden region. <i>European Physical Journal C</i> , 2011, 71, 1.	1.4	7
41	Simplified model approach to same-sign dilepton resonances. <i>Physical Review D</i> , 2011, 84, .	1.6	30
42	Dark matter-motivated searches for exotic fourth-generation mirror quarks in Tevatron and early LHC data. <i>Physical Review D</i> , 2010, 81, .	1.6	44
43	Trilepton signals in the inert doublet model. <i>Physical Review D</i> , 2010, 82, .	1.6	74
44	Phenomenology of Left-Right Twin Higgs Model. <i>AIP Conference Proceedings</i> , 2007, , .	0.3	2
45	Pion leptonic decays and supersymmetry. <i>Physical Review D</i> , 2007, 76, .	1.6	20
46	SuperWIMP gravitino dark matter from slepton and sneutrino decays. <i>Physical Review D</i> , 2004, 70, .	1.6	133
47	Supergravity with a gravitino lightest supersymmetric particle. <i>Physical Review D</i> , 2004, 70, .	1.6	203
48	Extra families, Higgs spectrum, and oblique corrections. <i>Physical Review D</i> , 2001, 64, .	1.6	235
49	Discovering Supersymmetry at the Tevatron inW-ino Lightest Supersymmetric Particle Scenarios. <i>Physical Review Letters</i> , 1999, 83, 1731-1734.	2.9	191