

Jose Wudka

List of Publications by Year in descending order

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62
papers

1,871
citations

236925

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h-index

254184

43
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63
all docs

63
docs citations

63
times ranked

2909
citing authors

#	ARTICLE	IF	CITATIONS
1	Probing heavy charged fermions at e^+e^- collider using the optimal observable technique. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
2	Multi-lepton probes of new physics and lepton-universality in top-quark interactions. Nuclear Physics B, 2022, 980, 115849.	2.5	9
3	Self-interacting neutrino portal dark matter. Physical Review D, 2021, 103, .	4.7	10
4	Effective field theory analysis of dark matter-standard model interactions with spin one mediators. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
5	New flavor physics in di- and trilepton events from single-top production at the LHC and beyond. Physical Review D, 2021, 103, .	4.7	9
6	Effective theories with dark matter applications. International Journal of Modern Physics D, 2021, 30, .	2.1	6
7	High p correlated tests of lepton universality in lepton(s) + jet(s) processes; An EFT analysis. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 811, 135908.	4.1	4
8	Ultralight Thomas-Fermi dark matter. Physical Review D, 2019, 100, .	4.7	6
9	Asymmetric dark matter with a possible Bose-Einstein condensate. Physical Review D, 2019, 99, .	4.7	9
10	Phenomenology of TeV-scale scalar leptoquarks in the EFT. Physical Review D, 2019, 100, .	4.7	10
11	Dark matter as a remnant of SQCD inflation. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
12	Dark matter and the neutrino portal paradigm. Journal of Physics: Conference Series, 2016, 761, 012082.	0.4	2
13	Dimension-seven operators in the standard model with right handed neutrinos. Physical Review D, 2016, 94, .	4.7	63
14	A realistic model for dark matter interactions in the neutrino portal paradigm. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41
15	Effective field theory analysis of Higgs naturalness. Physical Review D, 2015, 92, .	4.7	8
16	Classification of effective operators for interactions between the Standard Model and dark matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
17	Effective theories for Dark Matter interactions and the neutrino portal paradigm. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
18	Pionic dark matter. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25

#	ARTICLE	IF	CITATIONS
19	Thick-brane cosmology. Journal of High Energy Physics, 2014, 2014, 1.	4.7	18
20	Higgs-boson couplings beyond the Standard Model. Nuclear Physics B, 2013, 877, 792-806.	2.5	32
21	Two-component dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
22	The bases of effective field theories. Nuclear Physics B, 2013, 876, 556-574.	2.5	97
23	Discriminating between lepton number violating scalars using events with four and three charged leptons at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2013, 725, 310-315.	4.1	30
24	Constraints on Two-component Dark Matter. Acta Physica Polonica B, 2013, 44, 2373.	0.8	6
25	Distinguishing between lepton number violating scalars at the LHC. EPJ Web of Conferences, 2013, 60, 17002.	0.3	7
26	A realistic model of neutrino masses with a large neutrinoless double beta decay rate. Journal of High Energy Physics, 2012, 2012, 1.	4.7	27
27	Effective Lagrangian approach to neutrinoless double beta decay and neutrino masses. Journal of High Energy Physics, 2012, 2012, 1.	4.7	60
28	Multi-scalar-singlet extension of the standard model " The case for dark matter and an invisible Higgs boson. Journal of High Energy Physics, 2012, 2012, 1.	4.7	70
29	Vector-boson-induced neutrino mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 391-395.	4.1	10
30	Multi-scalar-singlet extension of the standard model " The case for dark matter and an invisible Higgs boson. , 2012, 2012, 1.		1
31	The bilinear formalism and the custodial symmetry in the two-Higgs-doublet model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	43
32	The uses of singlets. Journal of Physics: Conference Series, 2010, 259, 012095.	0.4	3
33	Evidence for right-handed neutrinos at a neutrino factory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 282-288.	4.1	9
34	Simple approach to the hierarchy problem. Fortschritte Der Physik, 2010, 58, 724-728.	4.4	0
35	Pragmatic Approach to the Little Hierarchy Problem: The Case for Dark Matter and Neutrino Physics. Physical Review Letters, 2009, 103, 091802.	7.8	46
36	Effective theory approach to portly neutrinos: theory and application. , 2009, , .		1

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37	Heavy Majorana neutrinos in the effective Lagrangian description: Application to hadron colliders. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 670, 399-402.	4.1	119
38	Asymmetric Higgs sector and neutrino mass in an $SU(2)_L \times U(1)_Y$ gauge theory. Physical Review D, 2009, 80, .	4.7	80
39	Right-handed neutrino magnetic moments. Physical Review D, 2009, 80, .	4.7	80
40	Strategies and obstacles in constructing realistic higher-dimensional models. AIP Conference Proceedings, 2007, , .	0.4	0
41	New-Physics Search through. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 246-250.	0.4	1
42	Search for new physics via single top production at TeV energy e^+e^- colliders. Physical Review D, 2006, 74, .	4.7	19
43	Optimal beam polarizations for new-physics search through $e^+e^- \rightarrow t\bar{t} + \text{new physics}$. Journal of High Energy Physics, 2005, 2005, 029-029.	4.7	16
44	Conditions for evading the limits on the scale of new physics. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 1401-1412.	3.6	2
45	DISCREET HEAVY PHYSICS. , 2005, , .		0
46	Optimal-observable analysis of possible new physics using the b-quark in $e^+e^- \rightarrow b\bar{b} + \text{new physics}$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 189-197.	4.1	17
47	Probing anomalous top-quark couplings induced by dim.6 operators at photon colliders. Nuclear Physics B, 2004, 689, 108-126.	2.5	68
48	Counting Inclusive jets as an Efficient Probe of New Flavor Physics. Physical Review Letters, 2001, 86, 3722-3725.	7.8	3
49	Effective theory of systems coupled strongly to rapidly varying external sources. Physical Review A, 2001, 63, .	2.5	1
50	Flavor-changing single top quark production channels at e^+e^- colliders in the effective Lagrangian description. Physical Review D, 1999, 60, .	4.7	37
51	Enhanced Three-Body Decay of the Charged Higgs Boson. Physical Review Letters, 1998, 80, 1162-1165.	7.8	27
52	Implications of a $W^+W^- \rightarrow ZZ$ -Higgs boson- tc interaction for $e^+e^- \rightarrow tc\bar{t} + e^+e^-$, $tc\bar{t} + e^+e^-$, $tc\bar{t} + Z$ and $tc\bar{t} + W^+W^-$ in a two Higgs doublet model. Physical Review D, 1998, 57, 2957-2968.	4.7	38
53	STUDY OF TRILINEAR GAUGE-BOSON COUPLINGS AT THE TEVATRON COLLIDER. Annual Review of Nuclear and Particle Science, 1998, 48, 33-80.	10.2	71
54	Probing the Flavor-Changing tc Vertex via Tree-Level Processes: $e^+e^- \rightarrow tc\bar{t} + e^+e^-$, $tc\bar{t} + e^+e^-$, and $tc\bar{t} + W^+W^-$. Physical Review Letters, 1997, 79, 1217-1220.	7.8	44

#	ARTICLE	IF	CITATIONS
55	Non-standard t production at the NLC. , 1997, , .		0
56	Covariant method for calculating helicity amplitudes. Physical Review D, 1996, 53, 5286-5292.	4.7	18
57	Patterns of deviation from the standard model. Nuclear Physics B, 1995, 433, 41-66.	2.5	230
58	ELECTROWEAK EFFECTIVE LAGRANGIANS. International Journal of Modern Physics A, 1994, 09, 2301-2361.	1.5	108
59	Effective Lagrangian approach to precision measurements: Anomalous magnetic moment of the muon. Physical Review D, 1994, 49, 1370-1377.	4.7	49
60	GRAVITATIONAL EFFECTS ON NEUTRINO OSCILLATIONS. Modern Physics Letters A, 1991, 06, 3291-3296.	1.2	11
61	Composite leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 167, 337-342.	4.1	61
62	Dimension-seven operators in the standard model with right handed neutrinos. , 0, .		1