Jose Wudka

List of Publications by Year
in descending order

62 papers	1,871 citations	236925 25 h-index	254184 43 g-index
63 all docs	63 docs citations	63 times ranked	2909 citing authors

#	Article	IF	Citations
1	Patterns of deviation from the standard model. Nuclear Physics B, 1995, 433, 41-66.	2.5	230
2	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
3	ELECTROWEAK EFFECTIVE LAGRANGIANS. International Journal of Modern Physics A, 1994, 09, 2301-2361.	1.5	108
4	The bases of effective field theories. Nuclear Physics B, 2013, 876, 556-574.	2.5	97
5	Right-handed neutrino magnetic moments. Physical Review D, 2009, 80, .	4.7	80
6	Two-component dark matter. Journal of High Energy Physics, 2013, 2013, 1.	4.7	73
7	STUDY OF TRILINEAR GAUGE-BOSON COUPLINGS AT THE TEVATRON COLLIDER. Annual Review of Nuclear and Particle Science, 1998, 48, 33-80.	10.2	71
8	Multi-scalar-singlet extension of the standard model â€" The case for dark matter and an invisible Higgs boson. Journal of High Energy Physics, 2012, 2012, 1.	4.7	70
9	Probing anomalous top-quark couplings induced by dim.6 operators at photon colliders. Nuclear Physics B, 2004, 689, 108-126.	2.5	68
10	Dimension-seven operators in the standard model with right handed neutrinos. Physical Review D, 2016, 94, .	4.7	63
11	Composite leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 167, 337-342.	4.1	61
12	Effective Lagrangian approach to neutrinoless double beta decay and neutrino masses. Journal of High Energy Physics, 2012, 2012, 1.	4.7	60
13	Effective Lagrangian approach to precision measurements: Anomalous magnetic moment of the muon. Physical Review D, 1994, 49, 1370-1377.	4.7	49
14	Pragmatic Approach to the Little Hierarchy Problem: The Case for Dark Matter and Neutrino Physics. Physical Review Letters, 2009, 103, 091802.	7.8	46
15	Effective theories for Dark Matter interactions and the neutrino portal paradigm. Journal of High Energy Physics, 2015, 2015, 1.	4.7	46
16	Probing the Flavor-ChangingtcVertex via Tree-Level Processes:e+eâ^'â†'tcÂ¯Î½eÎ½Â¯e,tcÂ¯e+eâ^', andtâ†'cW+Wâ^'. Physical Review Letters, 1997, 79, 1217-1220.	7.8	44
17	The bilinear formalism and the custodial symmetry in the two-Higgs-doublet model. Journal of High Energy Physics, 2011, 2011, 1.	4.7	43
18	A realistic model for dark matter interactions in the neutrino portal paradigm. Journal of High Energy Physics, 2016, 2016, 1.	4.7	41

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19	Implications of aW+Wâˆ’(ZZ)-Higgs boson- tcÂ¯interaction fore+eâˆ’â†’tcÂ¯Î½eÎ½Â¯e,tcÂ¯e+eâˆ’, tcÂ¯Z and fortâ†’cW+Wâˆ’,cZZin a two Higgs doublet model. Physical Review D, 1998, 57, 2957-2968.	4.7	38
20	Flavor-changing single top quark production channels ate+eâˆ’colliders in the effective Lagrangian description. Physical Review D, 1999, 60, .	4.7	37
21	Classification of effective operators for interactions between the Standard Model and dark matter. Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
22	Higgs-boson couplings beyond the Standard Model. Nuclear Physics B, 2013, 877, 792-806.	2.5	32
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	Enhanced Three-Body Decay of the Charged Higgs Boson. Physical Review Letters, 1998, 80, 1162-1165.	7.8	27
25	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
26	Pionic dark matter. Journal of High Energy Physics, 2014, 2014, 1.	4.7	25
27	Search for new physics via single top production at TeV energyeÎ³colliders. Physical Review D, 2006, 74, .	4.7	19
28	Covariant method for calculating helicity amplitudes. Physical Review D, 1996, 53, 5286-5292.	4.7	18
29	Thick-brane cosmology. Journal of High Energy Physics, 2014, 2014, 1.	4.7	18
30	Optimal-observable analysis of possible new physics using the b-quark in Î³Î³â†’ttÌ„â†’bX. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 593, 189-197.	4.1	17
31	Optimal beam polarizations for new-physics search throughÎ³Î³â†’tbar tâ†’ellX/bX. Journal of High Energy Physics, 2005, 2005, 029-029.	4.7	16
32	GRAVITATIONAL EFFECTS ON NEUTRINO OSCILLATIONS. Modern Physics Letters A, 1991, 06, 3291-3296.	1.2	11
33	Vector-boson-induced neutrino mass. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 712, 391-395.	4.1	10
34	Phenomenology of TeV-scale scalar leptoquarks in the EFT. Physical Review D, 2019, 100, .	4.7	10
35	Self-interacting neutrino portal dark matter. Physical Review D, 2021, 103, .	4.7	10
36	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

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37	Asymmetric dark matter with a possible Bose-Einstein condensate. Physical Review D, 2019, 99, .	4.7	9
38	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
39	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
40	Multi-lepton probes of new physics and lepton-universality in top-quark interactions. Nuclear Physics B, 2022, 980, 115849.	2.5	9
41	Effective field theory analysis of Higgs naturalness. Physical Review D, 2015, 92, .	4.7	8
42	Distinguishing between lepton number violating scalars at the LHC. EPJ Web of Conferences, 2013, 60, 17002.	0.3	7
43	Dark matter as a remnant of SQCD inflation. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
44	Constraints on Two-component Dark Matter. Acta Physica Polonica B, 2013, 44, 2373.	0.8	6
45	Ultralight Thomas-Fermi dark matter. Physical Review D, 2019, 100, .	4.7	6
46	Effective theories with dark matter applications. International Journal of Modern Physics D, 2021, 30, .	2.1	6
47	Probing heavy charged fermions at e+eâ¯ collider using the optimal observable technique. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6
48	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
49	Counting InclusivebJets as an Efficient Probe of New Flavor Physics. Physical Review Letters, 2001, 86, 3722-3725.	7.8	3
50	The uses of singlets. Journal of Physics: Conference Series, 2010, 259, 012095.	0.4	3
51	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
52	Asymmetric Higgs sector and neutrino mass in an<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>S</mml:mi><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:msub><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 132 Td (stretchy="fa 2009, 80, .	4.7	2
53	Dark matter and the neutrino portal paradigm. Journal of Physics: Conference Series, 2016, 761, 012082.	0.4	2
54	Effective theory of systems coupled strongly to rapidly varying external sources. Physical Review A, 2001, 63, .	2.5	1

#	Article	IF	Citations
55	New-Physics Search through. Nuclear Physics, Section B, Proceedings Supplements, 2006, 157, 246-250.	0.4	1
56	Effective theory approach to portly neutrinos: theory and application. , 2009, , .		1
57	Multi-scalar-singlet extension of the standard model â€" The case for dark matter and an invisible Higgs boson. , 2012, 2012, 1.		1
58	Dimension-seven operators in the standard model with right handed neutrinos. , 0, .		1
59	Non-standard t production at the NLC. , 1997, , .		0
60	Strategies and obstacles in constructing realistic higher-dimensional models. AIP Conference Proceedings, 2007, , .	0.4	0
61	Simple approach to the hierarchy problem. Fortschritte Der Physik, 2010, 58, 724-728.	4.4	0
62	DISCREET HEAVY PHYSICS. , 2005, , .		0