

German Valencia

List of Publications by Year in descending order

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73
papers

1,887
citations

279487

23
h-index

264894

42
g-index

76
all docs

76
docs citations

76
times ranked

2947
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure-function approach to vector-boson scattering in pp collisions. Physical Review Letters, 1992, 69, 3274-3277.	2.9	206
2	Spectrum of QCD and chiral Lagrangians of the strong and weak interactions. Physical Review D, 1989, 39, 1947-1955.	1.6	198
3	Renormalization-group-improved unitarity bounds on the Higgs-boson and top-quark masses. Physical Review D, 1989, 40, 1725-1729.	1.6	105
4	Angular correlations in the decay $B \rightarrow V \ell \ell'$ and CP violation. Physical Review D, 1989, 39, 3339-3345.	1.6	100
5	Quark-lepton unification and rare meson decays. Physical Review D, 1994, 50, 6843-6848.	1.6	85
6	Searching for CP nonconservation in jet physics. Physical Review Letters, 1987, 58, 451-454.	2.9	77
7	Lepton universality violation and right-handed currents in $b \rightarrow c \ell \ell'$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 52-57.	1.5	74
8	$Z \rightarrow e^+e^-$ model for $b \rightarrow s \ell \ell'$, $b \rightarrow c \ell \ell'$ flavor anomalies. Physical Review D, 2016, 93, .	1.6	68
9	SURVEY OF PRESENT AND FUTURE TESTS OF CP VIOLATION. International Journal of Modern Physics A, 1987, 02, 319-383.	0.5	66
10	$B \rightarrow \ell \ell'$ scattering and chiral Lagrangians. Physical Review D, 1988, 38, 2195-2201.	1.6	57
11	$B \rightarrow K \ell^+ \ell'^- e^+ e^-$ as a probe of CP violation. Physical Review D, 1987, 35, 2769-2775.	1.6	56
12	$B \rightarrow \ell \ell'$ decays with $B \rightarrow \ell \ell'$ leptons in nonuniversal left-right models. Physical Review D, 2013, 87, .	1.6	56
13	An extended scalar sector to address the tension between a fourth generation and Higgs searches at the LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 707, 381-384.	1.5	41
14	Triple-product correlations in semileptonic decays. Physical Review D, 1989, 40, 112-118.	1.6	34
15	DO dimuon asymmetry in $B \rightarrow s \ell \ell'$ and constraints on new physics. Physical Review D, 2010, 82, .	1.6	31
16	$B \rightarrow K \ell^+ \ell'^-$ and $B \rightarrow K \ell^+ \ell'^-$ in the chiral quark model. Physical Review D, 1991, 44, 3555-3561.	1.6	30
17	CP violation in $B \rightarrow K \ell^+ \ell'^-$. Physical Review D, 1988, 37, 143-148.	1.6	27
18	Unitarity and vacuum stability constraints on the couplings of color octet scalars. Journal of High Energy Physics, 2013, 2013, 1.	1.6	26

#	ARTICLE	IF	CITATIONS
19	Goldstone-boson equivalence theorem and the Higgs resonance. <i>Physical Review D</i> , 1990, 42, 853-859.	1.6	24
20	Heavy-Higgs-boson resonance. <i>Physical Review D</i> , 1992, 46, 2247-2251.	1.6	24
21	CP violation in low energy pp collisions, reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986, 178, 319-323.	1.5	23
22	Searching for CP Nonconservation in Jet Physics. <i>Physical Review Letters</i> , 1988, 60, 243-243.	2.9	23
23	Constraints on anomalous color dipole operators from Higgs boson production at the LHC. <i>Physical Review D</i> , 2013, 88, 015011.	1.6	23
24	Beyond the Standard Model. <i>Physical Review D</i> , 2013, 88, 015011.	1.6	21
25	LHC constraints on color octet scalars. <i>Physical Review D</i> , 2017, 96, 015011.	1.6	20
26	Testing electroweak symmetry breaking through gluon fusion at pp colliders. <i>Physical Review Letters</i> , 1991, 67, 2256-2259.	2.9	18
27	Color-octet scalars and potentially large CP violation at the LHC. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	18
28	Signals for parity violation in the electroweak-symmetry-breaking sector. <i>Physical Review D</i> , 1994, 49, 2188-2196.	1.6	16
29	Signals for parity violation in the electroweak-symmetry-breaking sector. <i>Physical Review D</i> , 1994, 49, 2188-2196.	1.5	16
30	Limits on nonstandard top quark couplings from electroweak measurements. <i>Physical Review D</i> , 1996, 53, 1721-1724.	1.6	15
31	Constraints on new physics from $K \rightarrow \pi \nu \bar{\nu}$. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	15
32	CP violation in $K \rightarrow \pi \nu \bar{\nu}$. <i>Physical Review D</i> , 1987, 36, 798-808.	1.6	14
33	CP violation in $K \rightarrow \pi \nu \bar{\nu}$, and LFV $K \rightarrow \pi \nu \bar{\nu}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 760, 175-177.	1.5	14
34	Evading the Grossman-Nir bound with $\hat{a} = 3/2$ new physics. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	14
35	Anatomy of a six-parameter fit to the $B \rightarrow s \ell \ell$ anomalies. <i>European Physical Journal C</i> , 2019, 79, 1.	1.4	13
36	Two Higgs doublet models augmented by a scalar colour octet. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	12

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37	T-odd correlations from the top-quark chromoelectric dipole moment in lepton plus jets top-pair events. <i>Physical Review D</i> , 2016, 93, .	1.6	12
38	Breaking the Grossman-Nir bound in kaon decays. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	12
39	Search for anomalous couplings at e^+e^- colliders. <i>Physical Review D</i> , 1995, 51, 5-14.	1.6	11
40	Penguin and box diagrams in unitary gauge. <i>European Physical Journal C</i> , 2009, 64, 681-687.	1.4	11
41	Interplay between new physics in one-loop Higgs couplings and the top-quark Yukawa coupling. <i>Physical Review D</i> , 2013, 88, .	1.6	11
42	Constraining $\tilde{g}_{\tau\tau}$ -lepton dipole moments and gluon couplings at the LHC. <i>Physical Review D</i> , 2013, 88, .	1.6	11
43	Top and bottom tensor couplings from a color octet scalar. <i>Physical Review D</i> , 2017, 95, .	1.6	11
44	Neutral-Higgs-boson contribution to the electric dipole moment of the neutron. <i>Physical Review D</i> , 1990, 41, 1562-1567.	1.6	10
45	Looking for CP violation in W production and decay. <i>Physical Review D</i> , 1995, 52, 2717-2723.	1.6	10
46	Probing lepton gluonic couplings at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012, 713, 95-98.	1.5	10
47	Yukawa sector for lepton flavor violating $\tilde{g}_{\tau\tau}$ and CP violation $\tilde{g}_{\tau\tau}$. <i>Physical Review D</i> , 2016, 94, .	1.6	10
48	New four-quark $\tilde{S}=2$ local operator. <i>Physical Review D</i> , 1986, 33, 1387-1390.	1.6	9
49	CP violating anomalous couplings in $W^{\pm}Z^0$ production at the LHC. <i>Physical Review D</i> , 2013, 88, .	1.6	9
50	Spin correlations and new physics in $\tilde{g}_{\tau\tau}$ -lepton decays at the LHC. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	8
51	Charged-lepton-flavor violation in $ \tilde{S} = 1$ hyperon decays. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	7
52	Lepton-flavor-violating semileptonic $\tilde{g}_{\tau\tau}$ decay and $K \rightarrow \tau \nu$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019, 797, 134842.	1.5	7
53	Dynamical projections for the visualization of PDFSense data. <i>European Physical Journal C</i> , 2018, 78, 1.	1.4	6
54	Lepton-flavour-violating gluonic operators: constraints from the LHC and low energy experiments. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	1.6	6

#	ARTICLE	IF	CITATIONS
55	LHC constraints on W^{\prime}, Z^{\prime} that couple mainly to third generation fermions. European Physical Journal C, 2020, 80, 1.	1.4	6
56	A Slice Tour for Finding Hollowness in High-Dimensional Data. Journal of Computational and Graphical Statistics, 2020, 29, 681-687.	0.9	6
57	Study of anomalous couplings at a 500 GeV e^+e^- linear collider with polarized beams. Physical Review D, 1996, 53, 4811-4821.	1.6	5
58	Tau lepton charge asymmetry and new physics at the LHC. Physical Review D, 2011, 84, .	1.6	4
59	Validity of two Higgs doublet models with a scalar color octet up to a high energy scale. Physical Review D, 2017, 96, .	1.6	4
60	$C P$ violating anomalous couplings in W jet production at the LHC. Physical Review D, 2017, 96, .	1.6	4
61	Decay rate and asymmetries of $\tilde{\chi}_1^+ \rightarrow p^{1/4} + \tilde{\nu}^{1/4}$. Journal of High Energy Physics, 2018, 2018, 1.	1.6	4
62	Color-octet scalar decays to a gluon and an electroweak gauge boson in the Manohar-Wise model. Physical Review D, 2020, 102, .	1.6	4
63	Top-quark forward-backward asymmetry from a color-octet t -channel resonance. Physical Review D, 2014, 89, .	1.6	2
64	Colour octet extension of 2HDM. International Journal of Modern Physics A, 2016, 31, 1630033.	0.5	2
65	Higgs production constraints on anomalous fermion couplings. Nuclear and Particle Physics Proceedings, 2016, 273-275, 775-780.	0.2	2
66	Long-lived electroweak-singlet colored scalars. Physical Review D, 2021, 104, .	1.6	2
67	New Signatures For Top In Hadron Collider. International Journal of Modern Physics A, 2005, 20, 3214-3217.	0.5	1
68	Flavor changing neutral currents and a $Z\alpha^2$. Hyperfine Interactions, 2013, 214, 31-37.	0.2	1
69	Probing new physics with $\tilde{\nu}_\tau$ -leptons at the LHC. Nuclear Physics, Section B, Proceedings Supplements, 2014, 253-255, 176-179.	0.5	1
70	Pandemonium: a clustering tool to partition parameter space – application to the B anomalies. European Physical Journal Plus, 2022, 137, 1.	1.2	1
71	Hole or Grain? A Section Pursuit Index for Finding Hidden Structure in Multiple Dimensions. Journal of Computational and Graphical Statistics, 2022, 31, 739-752.	0.9	1
72	$K_L \rightarrow \pi^+ \pi^-$ as a background to $K_L \rightarrow \pi^+ \pi^- e^+ e^-$. Physical Review D, 1993, 48, 209-211.	1.6	0

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73	Colour Octet Extension of 2HDM. , 2016, , .		0