

German Valencia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

71
papers

1,674
citations

21
h-index

39
g-index

76
ext. papers

1,771
ext. citations

4.6
avg, IF

5.02
L-index

#	Paper	IF	Citations
71	Pandemonium: a clustering tool to partition parameter space—application to the B anomalies. <i>European Physical Journal Plus</i> , 2022 , 137, 1	3.1	
70	RK(?) and non-standard neutrino interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021 , 821, 136607	4.2	4
69	A Slice Tour for Finding Hollowness in High-Dimensional Data. <i>Journal of Computational and Graphical Statistics</i> , 2020 , 29, 681-687	1.4	5
68	Color-octet scalar decays to a gluon and an electroweak gauge boson in the Manohar-Wise model. <i>Physical Review D</i> , 2020 , 102,	4.9	2
67	Breaking the Grossman-Nir bound in kaon decays. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	10
66	LHC constraints on (W^{\prime} , Z^{\prime}) that couple mainly to third generation fermions. <i>European Physical Journal C</i> , 2020 , 80, 1	4.2	3
65	Evading the Grossman-Nir bound with $\mathbb{P}=3/2$ new physics. <i>Journal of High Energy Physics</i> , 2020 , 2020, 1	5.4	9
64	Anatomy of a six-parameter fit to the ($\rightarrow s \ell^+ \ell^-$) anomalies. <i>European Physical Journal C</i> , 2019 , 79, 1	4.2	9
63	Charged-lepton-flavor violation in $ \mathbb{B} = 1$ hyperon decays. <i>Journal of High Energy Physics</i> , 2019 , 2019, 1	5.4	5
62	Lepton-flavor-violating semileptonic \mathbb{B} decay and $K \rightarrow \mathbb{P}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2019 , 797, 134842	4.2	7
61	Lepton universality violation and right-handed currents in $b \rightarrow c \mathbb{P}$. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2018 , 779, 52-57	4.2	64
60	Beyond $R(D^{(*)})$ with the general type-III 2HDM for $b \rightarrow c \mathbb{P}$. <i>Physical Review D</i> , 2018 , 98,	4.9	13
59	Decay rate and asymmetries of $\mathbb{B} \rightarrow p \mathbb{P}$. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	2
58	Constraints on new physics from ($K \rightarrow \pi \nu \bar{\nu}$). <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	11
57	Dynamical projections for the visualization of PDFSense data. <i>European Physical Journal C</i> , 2018 , 78, 1	4.2	6
56	Lepton-flavour-violating gluonic operators: constraints from the LHC and low energy experiments. <i>Journal of High Energy Physics</i> , 2018 , 2018, 1	5.4	5
55	Top and bottom tensor couplings from a color octet scalar. <i>Physical Review D</i> , 2017 , 95,	4.9	10

54	Validity of two Higgs doublet models with a scalar color octet up to a high energy scale. <i>Physical Review D</i> , 2017 , 96,	4.9	3
53	LHC constraints on color octet scalars. <i>Physical Review D</i> , 2017 , 96,	4.9	17
52	CP violating anomalous couplings in W jet production at the LHC. <i>Physical Review D</i> , 2017 , 96,	4.9	2
51	T-odd correlations from the top-quark chromoelectric dipole moment in lepton plus jets top-pair events. <i>Physical Review D</i> , 2016 , 93,	4.9	6
50	Z' model for b-s flavor anomalies. <i>Physical Review D</i> , 2016 , 93,	4.9	57
49	CP violation in h \rightarrow bb and LFV h \rightarrow ll. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016 , 760, 175-177	4.2	14
48	Two Higgs doublet models augmented by a scalar colour octet. <i>Journal of High Energy Physics</i> , 2016 , 2016, 1	5.4	11
47	Colour octet extension of 2HDM. <i>International Journal of Modern Physics A</i> , 2016 , 31, 1630033	1.2	2
46	Higgs production constraints on anomalous fermion couplings. <i>Nuclear and Particle Physics Proceedings</i> , 2016 , 273-275, 775-780	0.4	2
45	Yukawa sector for lepton flavor violating in h \rightarrow ll and CP violation in h \rightarrow ll. <i>Physical Review D</i> , 2016 , 94,	4.9	9
44	Spin correlations and new physics in ll decays at the LHC. <i>Journal of High Energy Physics</i> , 2015 , 2015, 1	5.4	7
43	Top-quark forward-backward asymmetry from a color-octet t-channel resonance. <i>Physical Review D</i> , 2014 , 89,	4.9	2
42	Probing new physics with ll at the LHC. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014 , 253-255, 176-179		1
41	Unitarity and vacuum stability constraints on the couplings of color octet scalars. <i>Journal of High Energy Physics</i> , 2013 , 2013, 1	5.4	24
40	Flavor changing neutral currents and a Z'. <i>Hyperfine Interactions</i> , 2013 , 214, 31-37	0.8	1
39	CP violating anomalous couplings in W and Z production at the LHC. <i>Physical Review D</i> , 2013 , 88,	4.9	9
38	Interplay between new physics in one-loop Higgs couplings and the top-quark Yukawa coupling. <i>Physical Review D</i> , 2013 , 88,	4.9	11
37	Constraints on anomalous color dipole operators from Higgs boson production at the LHC. <i>Physical Review D</i> , 2013 , 88,	4.9	19

36	B decays with Δ leptons in nonuniversal left-right models. <i>Physical Review D</i> , 2013 , 87,	4.9	49
35	Constraining Δ lepton dipole moments and gluon couplings at the LHC. <i>Physical Review D</i> , 2013 , 88,	4.9	11
34	An extended scalar sector to address the tension between a fourth generation and Higgs searches at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 707, 381-384	4.2	38
33	Probing lepton gluonic couplings at the LHC. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2012 , 713, 95-98	4.2	10
32	Color-octet scalars and potentially large CP violation at the LHC. <i>Journal of High Energy Physics</i> , 2011 , 2011, 1	5.4	18
31	Tau lepton charge asymmetry and new physics at the LHC. <i>Physical Review D</i> , 2011 , 84,	4.9	4
30	D^0 dimuon asymmetry in $B_s B_s^*$ mixing and constraints on new physics. <i>Physical Review D</i> , 2010 , 82,	4.9	29
29	Penguin and box diagrams in unitary gauge. <i>European Physical Journal C</i> , 2009 , 64, 681-687	4.2	11
28	New Signatures For Top In Hadron Collider. <i>International Journal of Modern Physics A</i> , 2005 , 20, 3214-3217	4.2	1
27	Limits on nonstandard top quark couplings from electroweak measurements. <i>Physical Review D</i> , 1996 , 53, 1721-1724	4.9	15
26	Study of anomalous couplings at a 500 GeV e^+e^- linear collider with polarized beams. <i>Physical Review D</i> , 1996 , 53, 4811-4821	4.9	5
25	Looking for CP violation in W production and decay. <i>Physical Review D</i> , 1995 , 52, 2717-2723	4.9	10
24	Search for anomalous couplings at e^+e^- gamma colliders. <i>Physical Review D</i> , 1995 , 51, 5-14	4.9	10
23	Signals for parity violation in the electroweak-symmetry-breaking sector. <i>Physical Review D</i> , 1994 , 49, 2188-2196	4.9	14
22	Quark-lepton unification and rare meson decays. <i>Physical Review D</i> , 1994 , 50, 6843-6848	4.9	68
21	$KL \rightarrow \mu^+ e^- \nu \bar{\nu}$ as a background to $KL \rightarrow \mu^+ e^- \nu \bar{\nu}$. <i>Physical Review D</i> , 1993 , 48, 209-211	4.9	9
20	Heavy-Higgs-boson resonance. <i>Physical Review D</i> , 1992 , 46, 2247-2251	4.9	22
19	Structure-function approach to vector-boson scattering in pp collisions. <i>Physical Review Letters</i> , 1992 , 69, 3274-3277	7.4	184

18	Testing electroweak symmetry breaking through gluon fusion at pp colliders. <i>Physical Review Letters</i> , 1991 , 67, 2256-2259	7.4	18
17	$\gamma\gamma \rightarrow \pi^0\pi^0$ and $KL \rightarrow \pi^0\gamma\gamma$ in the chiral quark model. <i>Physical Review D</i> , 1991 , 44, 3555-3561	4.9	28
16	Neutral-Higgs-boson contribution to the electric dipole moment of the neutron. <i>Physical Review D</i> , 1990 , 41, 1562-1567	4.9	8
15	Goldstone-boson equivalence theorem and the Higgs resonance. <i>Physical Review D</i> , 1990 , 42, 853-859	4.9	22
14	Angular correlations in the decay $B \rightarrow VV$ and CP violation. <i>Physical Review D</i> , 1989 , 39, 3339-3345	4.9	89
13	Triple-product correlations in semileptonic decays. <i>Physical Review D</i> , 1989 , 40, 112-118	4.9	29
12	Renormalization-group-improved unitarity bounds on the Higgs-boson and top-quark masses. <i>Physical Review D</i> , 1989 , 40, 1725-1729	4.9	90
11	Spectrum of QCD and chiral Lagrangians of the strong and weak interactions. <i>Physical Review D</i> , 1989 , 39, 1947-1955	4.9	185
10	Searching for CP Nonconservation in Jet Physics. <i>Physical Review Letters</i> , 1988 , 60, 243-243	7.4	23
9	CP violation in $KL \rightarrow \pi^+\pi^-\gamma$. <i>Physical Review D</i> , 1988 , 37, 143-148	4.9	23
8	$\pi^-\pi^0$ scattering and chiral Lagrangians. <i>Physical Review D</i> , 1988 , 38, 2195-2201	4.9	55
7	SURVEY OF PRESENT AND FUTURE TESTS OF CP VIOLATION. <i>International Journal of Modern Physics A</i> , 1987 , 02, 319-383	1.2	65
6	$KL \rightarrow \pi^0 e^+e^-$ as a probe of CP violation. <i>Physical Review D</i> , 1987 , 35, 2769-2775	4.9	52
5	CP violation in $K \rightarrow 3\pi$. <i>Physical Review D</i> , 1987 , 36, 798-808	4.9	13
4	Searching for CP nonconservation in jet physics. <i>Physical Review Letters</i> , 1987 , 58, 451-454	7.4	77
3	CP violation in low energy pp reactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1986 , 178, 319-323	4.2	21
2	New four-quark $\Delta S=2$ local operator. <i>Physical Review D</i> , 1986 , 33, 1387-1390	4.9	9
1	Hole or Grain? A Section Pursuit Index for Finding Hidden Structure in Multiple Dimensions. <i>Journal of Computational and Graphical Statistics</i> , 1-26	1.4	

