

Xiao-Gang He

List of Publications by Year in descending order

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325
papers

8,875
citations

50276

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64796

79
g-index

334
all docs

334
docs citations

334
times ranked

5884
citing authors

#	ARTICLE	IF	CITATIONS
1	See-saw neutrino masses induced by a triplet of leptons. Zeitschrift für Physik C-Particles and Fields, 1989, 44, 441-444.	1.5	702
2	Simplest $Z\text{-}^2$ model. Physical Review D, 1991, 44, 2118-2132.	4.7	296
3	Some simple mixing and mass matrices for neutrinos. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2003, 560, 87-90.	4.1	286
4	New $Z\text{-}^2$ phenomenology. Physical Review D, 1991, 43, R22-R24.	4.7	253
5	A 4 flavour symmetry breaking scheme for understanding quark and neutrino mixing angles. Journal of High Energy Physics, 2006, 2006, 039-039.	4.7	199
6	Comment on $Z\text{-}^2$ mixing in extended gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 267, 509-512.	4.1	191
7	Topological phase due to electric dipole moment and magnetic monopole interaction. Physical Review A, 1993, 47, 3424-3425.	2.5	187
8	Isospin Structure of Penguin Diagrams and Their Consequences in B Meson Physics. Physical Review Letters, 1995, 74, 26-29.	7.8	131
9	Minimal modification to the tri-bimaximal neutrino mixing. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 645, 427-431.	4.1	122
10	Model for a light $Z\text{-}^{\text{TM}}$ boson. Physical Review D, 1994, 50, 4571-4580.	4.7	120
11	Hadronic penguin B decays in the standard and the two-Higgs-doublet models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 336, 471-476.	4.1	115
12	New supersymmetric left-right gauge model: Higgs-boson structure and neutral-current analysis. Physical Review D, 1987, 36, 878-884.	4.7	113
13	THE NEUTRON ELECTRIC DIPOLE MOMENT. International Journal of Modern Physics A, 1989, 04, 5011-5046.	1.5	107
14	Constraints on scalar dark matter from direct experimental searches. Physical Review D, 2009, 79, .	4.7	101
15	Determining θ_{H} and ZZ Couplings of a Neutral Higgs Boson of Arbitrary CP Nature at the Next Linear Collider. Physical Review Letters, 1996, 77, 5172-5175.	7.8	95
16	Hyperon decays and CP nonconservation. Physical Review D, 1986, 34, 833-842.	4.7	91
17	Neutrino masses and proton decay modes in $SU(3)\text{-}SU(3)\text{-}SU(3)$ trinification. Physical Review D, 1986, 33, 763-772.	4.7	82
18	Minimal modification to tribimaximal mixing. Physical Review D, 2011, 84, .	4.7	81

#	ARTICLE	IF	CITATIONS
19	The simplest dark-matter model, CDMS II results, and Higgs detection at LHC. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 688, 332-336.	4.1	77
20	CPAsymmetry Relations between $B \rightarrow D^* \ell \bar{\nu}_\ell$ and $B \rightarrow D^* \ell \bar{\nu}_\ell$ Rates. Physical Review Letters, 1995, 75, 1703-1706.	7.8	75
21	Lepton universality violation and right-handed currents in $b \rightarrow c \ell \bar{\nu}_\ell$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 779, 52-57.	4.1	74
22	Interactions of unparticles with standard model particles. Physical Review D, 2007, 76, .	4.7	73
23	Parameters in a class of leptophilic dark matter models from PAMELA, ATIC and FERMI. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 678, 168-173.	4.1	70
24	SCALAR DARK MATTER EFFECTS IN HIGGS AND TOP QUARK DECAYS. Modern Physics Letters A, 2007, 22, 2121-2129.	1.2	68
25	$Z \rightarrow e^+ e^-$ model for $b \rightarrow s \ell^+ \ell^-$, $b \rightarrow c \ell^+ \ell^-$ flavor anomalies. Physical Review D, 2016, 93, .	4.7	68
26	Large mixing of light and heavy neutrinos in seesaw models and the LHC. Physical Review D, 2009, 80, .	4.7	67
27	Consequences of R-parity violating interactions for anomalies in $B \rightarrow D^{(*)} u \bar{c}$ or $B \rightarrow D^{(*)} c \bar{u}$ and $B \rightarrow s \mu^+ \mu^-$. European Physical Journal C, 2017, 77, 1.	4.1	66
28	Long distance contributions to penguin processes $b \rightarrow s \ell^+ \ell^-$ and $b \rightarrow c \ell^+ \ell^-$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 367, 362-368.	4.1	63
29	$B_s \rightarrow B^* \ell^+ \ell^-$ mixing constraints on FCNC and a nonuniversal $Z \rightarrow e^+ e^-$. Physical Review D, 2006, 74, .	4.7	62
30	The neutron electric dipole moment in the standard KM model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 197, 556-560.	4.1	61
31	Neutrino masses with a $\sum m_\nu = 0$ condition: $m_1^2 + m_2^2 + m_3^2 = 0$. Physical Review D, 2003, 68, .	4.7	61
32	Determining the CP Nature of a Neutral Higgs Boson at the CERN Large Hadron Collider. Physical Review Letters, 1996, 76, 4468-4471.	7.8	60
33	Is the Zee model neutrino mass matrix ruled out?. European Physical Journal C, 2004, 34, 371-376.	3.9	60
34	$\chi_c(2940)^+$: a possible molecular state?. European Physical Journal C, 2007, 51, 883-889.	3.9	59
35	$B \rightarrow D^* \ell^+ \ell^-$ decays with $B \rightarrow D^* \ell^+ \ell^-$ leptons in nonuniversal left-right models. Physical Review D, 2013, 87, .	4.7	56
36	Some predictions of diquark model for hidden charm pentaquark discovered at the LHCb. Journal of High Energy Physics, 2015, 2015, 1-17.	4.7	55

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37	Open-charm tetraquark XX_c and open-bottom tetraquark XX_b . European Physical Journal C, 2020, 80, 1.	3.9	55
38	Hints of standard model Higgs boson at the LHC and light dark matter searches. Physical Review D, 2012, 85, .	4.7	54
39	Electroweak Penguins, Final State Interaction Phases, and CP Violation in $B \rightarrow K^0$ Decays. Physical Review Letters, 1999, 82, 2240-2243.	7.8	53
40	Fourth-generation signatures in D_0 - D_s^0 mixing and rare D decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 205, 540-544.	4.1	52
41	Tree-level scalar-fermion interactions consistent with the symmetries of the standard model. Physical Review D, 1991, 43, 225-235.	4.7	52
42	$Z \rightarrow b\bar{b}$ decay asymmetry and left-right models. Physical Review D, 2002, 66, .	4.7	52
43	CP violating $b \rightarrow s$ decay in supersymmetric models. Physical Review D, 1999, 60, .	4.7	51
44	CP violating phase from a global fit of rare charmless hadronic B decays. Physical Review D, 2001, 64, .	4.7	51
45	Hidden Higgs boson at the LHC and light dark matter searches. Physical Review D, 2011, 84, .	4.7	47
46	Unique signature of electroweak penguin in pure hadronic B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 345, 547-552.	4.1	46
47	Constraints on the Phase and New Physics from $B \rightarrow K^0$ Decays. Physical Review Letters, 2000, 84, 18-21.	7.8	45
48	Perturbative QCD calculation for $b \rightarrow b$ in the standard model. Physical Review D, 2006, 74, .	4.7	44
49	Does the HyperCP Evidence for the Decay $\tilde{\chi}^0_1 \rightarrow p^{1/4} + \tilde{l}^{1/4}$ Indicate a Light Pseudoscalar Higgs Boson?. Physical Review Letters, 2007, 98, 081802.	7.8	43
50	New LUX and PandaX-II results illuminating the simplest Higgs-portal dark matter models. Journal of High Energy Physics, 2016, 2016, 1.	4.7	42
51	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.	4.1	41
52	U-spin analysis of CP violation in $B \rightarrow K^0$ decays into three charged light pseudoscalar mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 728, 579-584.	4.1	41
53	Higgs decay $h \rightarrow \tilde{l}^{1/4} \tilde{l}^{1/4}$, with minimal flavor violation. Journal of High Energy Physics, 2015, 2015, 1.	4.7	41
54	RK^* and related $b \rightarrow s$, $b \rightarrow d$, $b \rightarrow c$ anomalies in minimal flavor violation framework with $Z \rightarrow e^+e^-$ boson. Physical Review D, 2017, 96, .	4.7	41

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55	B-meson rare decays in two-Higgs-doublet models. Physical Review D, 1988, 38, 814-819.	4.7	40
56	$\langle S \rangle \langle U \rangle \langle B \rangle$	4.7	40
57	Constraints on unparticle interactions from invisible decays of Z, quarkonia and neutrinos. Journal of High Energy Physics, 2007, 2007, 010-010.	4.7	39
58	Neutrino decay catalyzed by the Mikheyev-Smirnov-Wolfenstein effect. Physical Review D, 1988, 38, 1317-1320.	4.7	38
59	Nonresonant Cabibbo suppressed decay $B_{\pm} \rightarrow \bar{c} \ell \bar{\nu}_{\ell}$ and signal for CP violation. Physical Review D, 1995, 52, 5354-5357.	4.7	38
60	Implications of a new particle from the HyperCP data on $B_{\pm} \rightarrow \bar{c} \ell \bar{\nu}_{\ell}$ and signal for CP violation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 354, 4099-4099.	4.1	38
61	Isospin Structure of Penguin Diagrams and Their Consequences in B Meson Physics. Physical Review Letters, 1995, 74, 4099-4099.	7.8	37
62	$\langle S \rangle \langle U \rangle \langle B \rangle$	4.7	36
63	CP violation in hyperon decays from supersymmetry. Physical Review D, 2000, 61, .	4.7	35
64	CP non-conservation with four generations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 156, 236-242.	4.1	34
65	Symmetry breaking and mass spectra in supersymmetric SO(10) models. Physical Review D, 1990, 41, 1620-1629.	4.7	34
66	Indications for Factorization and ReVub from Rare B Decay Data. Physical Review Letters, 1999, 83, 1100-1103.	7.8	34
67	$B_{\pm} \rightarrow \bar{c} \ell \bar{\nu}_{\ell}$ in the standard model with flavor symmetry. Physical Review D, 2004, 69, .	4.7	34
68	Neutrino masses and heavy triplet leptons at the LHC: Testability of the type III seesaw mechanism. Physical Review D, 2009, 80, .	4.7	34
69	Form factors for charmless two-body decays of beauty baryons $B_{\pm} \rightarrow \bar{c} \ell \bar{\nu}_{\ell}$		
70	Unification of flavor SU(3) analyses of heavy Hadron weak decays. European Physical Journal C, 2020, 80, 1.	3.9	34
71	ERRATA and ADDENDUM: THE NEUTRON ELECTRIC DIPOLE MOMENT. International Journal of Modern Physics A, 1991, 06, 1063-1066.	1.5	33
72	A Method for Determining the CP Violating Phase $\hat{\beta}^3$. Physical Review Letters, 1995, 75, 3064-3067.	7.8	33

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73	Signatures of noncommutative QED at photon colliders. Physical Review D, 2001, 64, .	4.7	33
74	$K^+ \rightarrow \pi^+ \pi^0 \pi^0$ and FCNC from nonuniversal $Z \rightarrow b \bar{b}$ bosons. Physical Review D, 2004, 70, .	4.7	33
75	DARK MATTER ANNIHILATION EXPLANATION FOR e^\pm EXCESSES IN COSMIC RAY. Modern Physics Letters A, 2009, 24, 2139-2160.	1.2	33
76	The topological phase of the Aharonov-Casher effect and the anyon behaviour of charged particles in 2+1 dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 256, 250-254.	4.1	32
77	Low mass dark matter and invisible Higgs width in darkon models. Physical Review D, 2011, 83, .	4.7	32
78	Low-mass dark-matter hint from CDMS II, Higgs boson at the LHC, and darkon models. Physical Review D, 2013, 88, .	4.7	32
79	Realistic model for a fifth force explaining anomaly in μ g-2 $\frac{a_\mu - a_\mu^{\text{SM}}}{a_\mu} = \frac{1}{2} \frac{g_{\mu\mu}^2}{g_{\mu\mu}^2 + g_{\mu\mu}^2} \approx 2.5 \times 10^{-10}$	2.5	32
80	Electrophilic dark matter with dark photon: From DAMPE to direct detection. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 292-295.	4.1	32
81	Supersymmetric unparticle effects on Higgs boson mass and dark matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 656, 91-95.	4.1	31
82	DO dimuon asymmetry in $B \rightarrow K^* \mu^+ \mu^-$ and constraints on new physics. Physical Review D, 2010, 82, .	4.7	31
83	Radiative two loop inverse seesaw and dark matter. Journal of High Energy Physics, 2012, 2012, 1.	4.7	30
84	Flavor $U(1)$ (3) topological diagram and irreducible representation amplitudes for heavy meson charmless hadronic decays: mismatch and equivalence. Chinese Physics C, 2018, 42, 103108.	3.7	30
85	$B \rightarrow K^* \mu^+ \mu^-$ in the heavy quark limit. Physical Review D, 2001, 63, .	4.7	29
86	A4 Group and Tri-bimaximal Neutrino Mixing \hat{M} : A Renormalizable Model. Nuclear Physics, Section B, Proceedings Supplements, 2007, 168, 350-352.	0.4	29
87	Lepton FCNC in Type III seesaw model. Journal of High Energy Physics, 2009, 2009, 027-027.	4.7	28
88	Relating the long lifetime to a very heavy top quark. Physical Review D, 1990, 41, 1517-1521.	4.7	27
89	AFB and R_{FB} at CERN LEP and new right-handed gauge bosons. Physical Review D, 2003, 68, .	4.7	27
90	Status of CP violation in hyperon decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 272, 411-418.	4.1	26

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91	SU(3) flavor symmetry and CP violating rate differences for charmless $B \rightarrow PV$ decays. Physical Review D, 2000, 62, .	4.7	26
92	Quantification with $\langle T \rangle_{\mu^2}$ flavor. Physical Review D, 2011, 84, .	4.7	26
93	Unitarity and vacuum stability constraints on the couplings of color octet scalars. Journal of High Energy Physics, 2013, 2013, 1.	4.7	26
94	CP-odd nucleon potential. Physical Review C, 1993, 47, 2365-2368.	2.9	25
95	Gluon dipole penguin contributions to $\tilde{\mu}^2/\mu$ and CP violation in hyperon decays in the standard model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 326, 307-311.	4.1	25
96	CP Violation in Hyperon Decays due to Left-Right Mixing. Physical Review Letters, 1995, 74, 3927-3930.	7.8	25
97	X(1812) in the quarkonia-gluonball-hybrid mixing scheme. Physical Review D, 2006, 73, .	4.7	25
98	Members in the 0^+0^{++} family. Physical Review D, 2006, 73, .	4.7	25
99	Some properties of the newly observed X(1835) state at BES. European Physical Journal C, 2007, 49, 731-736.	3.9	25
100	$R^{1/2}$ MDM and lepton flavor violation. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
101	LARGE SU(3) BREAKING EFFECTS AND CP VIOLATION IN $B \rightarrow +$ DECAYS INTO THREE CHARGED OCTET PSEUDOSCALAR MESONS. International Journal of Modern Physics A, 2014, 29, 1450011.	1.5	25
102	Search for a heavy dark photon at future e^+e^- colliders. Journal of High Energy Physics, 2018, 2018, 1.	4.7	25
103	$\hat{\mu}^2/\mu$ and the Electric Dipole Moment of the Neutron in Left-Right-Symmetric Models. Physical Review Letters, 1988, 61, 1267-1270.	7.8	24
104	Scalar dark matter and standard model with four generations. Physical Review D, 2010, 82, .	4.7	24
105	Production of charmed tetraquarks from $\langle B_c \rangle$ and $\langle B \rangle$ decays. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 014003.	3.6	24
106	Radiative generation of quark and lepton mass hierarchies from a top-quark mass seed. Physical Review D, 1990, 41, 1630-1635.	4.7	23
107	Triple neutral gauge boson couplings in noncommutative Standard Model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 533, 116-120.	4.1	23
108	Constraints on new physics from $K \rightarrow \hat{1}/2 \hat{1}/2 \hat{A}^-$. Physical Review D, 2004, 70, .	4.7	23

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109	Leptophilic dark matter in gauged $U(1)_{L-\mu}$. European Physical Journal C, 2018, 78, 1.	3.9	23
110	Decay $\tilde{\chi}^0 \rightarrow \tilde{a}^0 \gamma$, $\tilde{\chi}^{\pm} \rightarrow \tilde{a}^{\pm} \gamma$ within the standard model. Physical Review D, 2005, 72, .	4.7	22
111	Comment on "Chiral Suppression of Scalar-Glueball Decay": Physical Review Letters, 2007, 98, 149103; discussion 149104.	7.8	22
112	$C \rightarrow P$ -violating polarization asymmetry in charmless two-body decays of beauty baryons. Physical Review D, 2015, 92, .	4.7	22
113	Constraints on CP-violating nucleon-nucleon interactions in gauge models from atomic electric dipole moment. Physical Review D, 1992, 46, 2131-2140.	4.7	21
114	CP violating electron-nucleon interactions in multi-Higgs doublet and leptoquark models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 283, 348-352.	4.1	21
115	$S \rightarrow U$ violating $2 \rightarrow 2$ processes. Physical Review D, 1992, 46, 2131-2140.	4.7	21
116	Probing Higgs boson CP properties with $t\bar{t}H$ at the LHC and the 100 TeV pp collider. International Journal of Modern Physics A, 2015, 30, 1550156.	1.5	21
117	SU(3) symmetry and its breaking effects in semileptonic heavy baryon decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 823, 136765.	4.1	21
118	Models featuring spontaneous CP-violation, an invisible axion and light neutrino masses. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 208, 261-267.	4.1	20
119	Anomaly-free left-right-symmetric models with gauged baryon and lepton numbers. Physical Review D, 1990, 41, 1636-1639.	4.7	20
120	Implications of recent data on neutrino mixing and lepton flavour violating decays for the Zee model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	20
121	CP violation in $\tilde{\chi}^0 \rightarrow \tilde{a}^0 \gamma$ beyond the standard model. Physical Review D, 1995, 52, 5257-5268.	4.7	19
122	Neutrino mass induced radiatively by supersymmetric leptoquarks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 479, 224-229.	4.1	19
123	Topological effects, dipole moments, and the dual current in 2+1 dimensions. Physical Review A, 2001, 64, .	2.5	19
124	Constraining R-parity violating couplings from $B \rightarrow PP$ decays using QCD improved factorization method. Journal of High Energy Physics, 2002, 2002, 067-067.	4.7	19
125	Ansatz for small FCNC with a non-universal Z coupling. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 680, 72-75.	4.1	19
126	Constraints on the anomalous $WW\tilde{\chi}^0$ couplings from $b \rightarrow \tilde{a}^0 s$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 320, 165-169.	4.1	18

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127	Triminimal parametrization of quark mixing matrix. <i>Physical Review D</i> , 2008, 78, .	4.7	18
128	Constraints on unparticle interactions from particle and antiparticle oscillations. <i>European Physical Journal C</i> , 2009, 59, 899-906.	3.9	18
129	Color-octet scalars and potentially large CP violation at the LHC. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	18
130	Flavor SU (3) properties of beauty tetraquark states with three different light quarks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 761, 92-97.	4.1	18
131	Scalar electroweak multiplet dark matter. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	18
132	The strange quark contribution to the neutron electric dipole moment in multi-Higgs doublet models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1991, 254, 231-234.	4.1	17
133	Parity, charge conjugation, and SU(3) constraints on threshold enhancement in J/ψ decays into $\rho^0 p \bar{p}$ and $K^0 p \bar{p}$. <i>Physical Review D</i> , 2005, 71, .	4.7	17
134	Rare decays with a light CP-odd Higgs Boson in the NMSSM. <i>Journal of High Energy Physics</i> , 2008, 2008, 002-002.	4.7	17
135	Unified triminimal parametrizations of quark and lepton mixing matrices. <i>Physical Review D</i> , 2009, 79, .	4.7	17
136	Unitarity boomerang. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 688, 67-70.	4.1	17
137	Higgs quadruplet for the type III seesaw model and implications for $\tau \rightarrow e \gamma$ and $\tau \rightarrow e \gamma \gamma$ conversion. <i>Physical Review D</i> , 2011, 84, .	4.7	17
138	Dark photon search at a circular e^+e^- collider. <i>International Journal of Modern Physics A</i> , 2017, 32, 1750138.	1.5	17
139	Dark gauge bosons: LHC signatures of non-abelian kinetic mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2017, 770, 101-107.	4.1	17
140	CP-nonconservation with four generations. <i>Nuclear Physics B</i> , 1986, 278, 905-933.	2.5	16
141	Constraints on CP violating four-fermion interactions. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1997, 390, 318-322.	4.1	16
142	Extra dimensions and Higgs pair production at photon colliders. <i>Physical Review D</i> , 1999, 60, .	4.7	16
143	Effects of extra dimensions on unitarity and the Higgs boson mass. <i>Physical Review D</i> , 2000, 61, .	4.7	16
144	Light Higgs production in hyperon decay. <i>Physical Review D</i> , 2006, 74, .	4.7	16

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145	Constraints on unparticle interaction from $b \rightarrow s \gamma$. Journal of High Energy Physics, 2008, 2008, 074-074.	4.7	16
146	An A_4 \mathbb{Z}_4 model for neutrino mixing. Journal of High Energy Physics, 2012, 2012, 1.	4.7	16
147	Fermion mass hierarchy and the strong CP problem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 219, 342-346.	4.1	15
148	CP violating form factors for three gauge boson vertices in the two-Higgs doublet and left-right symmetric models. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 304, 285-290.	4.1	15
149	Berry phase in neutrino oscillations. Physical Review D, 2005, 72, .	4.7	15
150	Spin precession due to a non-Abelian spin-orbit gauge field. Physical Review B, 2008, 78, .	3.2	15
151	The Friedberg-Lee symmetry and minimal seesaw model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 681, 253-256.	4.1	15
152	CP violation in neutrino mixing with $\theta_{12} = \pi/2$ in A4 Type-II seesaw model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 750, 620-626.	4.1	15
153	Exploring spin- $\frac{3}{2}$ dark matter with effective Higgs couplings. Physical Review D, 2017, 96, .		
154	Constraints on new physics from $K \rightarrow \pi u \bar{u}$. European Physical Journal C, 2018, 78, 1.	3.9	15
155	The Aharonov-Casher effect and Berry's phase. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 264, 129-131.	4.1	14
156	Large contribution to the neutron electric dipole moment from a dimension-six four-quark operator. Physical Review D, 1993, 47, 4055-4058.	4.7	14
157	Prospects for Direct CP Violation in Exclusive and Inclusive Charmless B Decays. Physical Review Letters, 1998, 81, 5738-5741.	7.8	14
158	Fermion EDMs with minimal flavor violation. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
159	CP violation in $\hat{t} \rightarrow \bar{t} \gamma$, and LFV $\hat{t} \rightarrow \bar{t} \gamma$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 175-177.	4.1	14
160	Evading the Grossman-Nir bound with $\hat{t} \rightarrow \bar{t} \gamma$ = 3/2 new physics. Journal of High Energy Physics, 2020, 2020, 1.	4.7	14
161	Scrutinizing a massless dark photon: Basis independence. Nuclear Physics B, 2020, 953, 114968.	2.5	14
162	An ultra-heavy top quark?. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1987, 194, 132-136.	4.1	13

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163	Anomalous WWZ couplings and $KL\hat{\pi}^+\hat{\pi}^0$. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 319, 327-331.	4.1	13
164	CP violation in fermion pair decays of neutral boson particles. Physical Review D, 1994, 49, 4548-4552.	4.7	13
165	Importance of dipole penguin operator in B decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 377, 161-167.	4.1	13
166	Contribution to $\mu\rightarrow e\gamma$ from anomalous gauge couplings. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 460, 405-410.	4.1	13
167	On two-body decays of a scalar glueball. European Physical Journal C, 2008, 55, 417-421.	3.9	13
168	Unparticle realization through continuous mass scale invariant theories. Physical Review D, 2008, 78, .	4.7	13
169	Colored scalars and the CDF W +dijet excess. Journal of High Energy Physics, 2012, 2012, 1.	4.7	13
170	W-boson electric dipole moment. Physical Review D, 1990, 42, 3221-3223.	4.7	12
171	Constraints from anomaly cancellation on strong, weak, and electromagnetic interactions. Physical Review D, 1990, 41, 278-280.	4.7	12
172	Future island universes in a background universe accelerated by a cosmological constant and by quintessence. Physical Review D, 2002, 65, .	4.7	12
173	Strong and electroweak interactions and their unification with non-commutative space-time. European Physical Journal C, 2003, 28, 557-560.	3.9	12
174	Thermal unparticles: a new form of energy density in the universe. European Physical Journal C, 2009, 60, 317-321.	3.9	12
175	Hunting for new physics with unitarity boomerangs. Physical Review D, 2010, 82, .	4.7	12
176	Breaking the Grossman-Nir bound in kaon decays. Journal of High Energy Physics, 2020, 2020, 1.	4.7	12
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259	Flavor specific $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg" > \langle \text{mml:mi} \rangle U \langle \text{mml:mi} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 1 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle - d$ T_j ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 502 Td (stretchy="false") 2.5	4.1	5
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