Zhen-Jun Xiao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4731496/publications.pdf

Version: 2024-02-01

111	1,894	257450	361022
papers	citations	24 h-index	35 g-index

111	111	111	586
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msubsup><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï•</mml:mi><mml:mi>Ï•</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mo		

#	Article	IF	Citations
19	Quasi-two-body decays $$B ightarrow D K^*(892) ightarrow D K pi $$ in the perturbative QCD approach. European Physical Journal C, 2019, 79, 1.	3.9	14
20	Quasi-two-body decays $$B_{(s)}ightarrow K^*(892)hightarrow Kpi h$$ B (s) â†’ K â^—. European Physical Journal C, 2019, 79, 1.	3.9	27
21	Next-to-leading order corrections to <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï‰</mml:mi></mml:math> transition in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>k</mml:mi><mml:mi>T</mml:mi></mml:msub></mml:math> factorization. Physical Review D, 2019, 99, .	4.7	2
22	Quasi-two-body decays Bâ†’D()[Ï(770),Ï(1450),Ï(1700)â†’]Ï€Ï€ in the perturbative QCD factorization approach. Nuclear Physics B, 2018, 926, 584-601.	2.5	12
23	Form factors for semileptonic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> decays into <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math> , <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Î·</mml:mi><mml:mo>â€²</mml:mo></mml:msup></mml:math> and Rho-pion transition form factors in the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>k</mml:mi></mml:mrow><mml:mrow><mml:mi>T</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> -factorization formalism revisited. Physical Review D, 2018, 97, .	4.7	3
24		4.7	8
25	Improved perturbative QCD formalism for <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> meson decays. Physical Review D, 2018, 97, .	4.7	15
26	Weak decays of $$B_c$$ B c into two hadrons under flavor SU(3) symmetry. European Physical Journal C, 2018, 78, 1.	3.9	9
27	Quasi-two-body decays B(s)â†’Pf2(1270)â†’PÏ€Ï€ in the perturbative QCD approach. Physical Review D, 2018, 98, .	4.7	18
28	Anatomy of Bâ€ â†’â€ PV decays and effects of next-to-leading order contributions in the perturbative QCD factorization approach. Nuclear Physics B, 2018, 931, 79-104.	2.5	12
29	Anatomy of Bâ€ â†’â€ VV decays and effects of next-to-leading order contributions in the perturbative QCD factorization approach. Nuclear Physics B, 2018, 935, 17-39.	2.5	26
30	Quasi-two-body decays <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (stretchy="false">)</mml:mo stretchy="false">â†’</mml:mo><mml:mi>P</mml:mi><mml:mi>Ï</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>P</mml:mi><mml:mi>Ï€</mml:mi><mml:mi>Ï€</mml:mi></mml:mrow></mml:math>	4.7	50
31	Quasi-two-body decays B(s)â†’PÏâ€²(1450),PÏâ€²â€²(1700)â†’PÏ€Ï€ in the perturbative QCD approach. Physical Review D, 2017, 96, .	4.7	30
32	The quasi-two-body decays <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>B</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>s</mml:mi><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 212 Td (stretchy="false">)</mml:mo		

#	Article	IF	Citations
37	Quasi-two-body decays B(s)â†’D(Ï(1450),â€‰Ï(1700))â†’DÏ€Ï€ in the perturbative QCD factorization approach. Physical Review D, 2017, 96, .	4.7	21
38	Hadronic decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>B</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:msub><mml:mrow><mml:mi>a</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mr stretchy="false">(</mml:mo><mml:mn>1260</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 692 Td (stretchy="false">)</m		

#	Article	IF	Citations
55	Constraining dark matter in the LRTH model with latest LHC, XENON100 and LUX data. Journal of Physics G: Nuclear and Particle Physics, 2015, 42, 055004.	3.6	2
56	Charmless hadronicBâ†'(f1(1285),f1(1420))Pdecays in the perturbative QCD approach. Physical Review D, 2015, 91, .	4.7	4
57	The production and decay of the top partner T in the leftâ€“right twin Higgs model at the ILC and CLIC. Nuclear Physics B, 2015, 892, 63-82.	2.5	21
58	BÂ¯s0â†'(Ï€0Î·(â€²),Î·(â€²)Î·(â€²))decays and the effects of next-to-leading order contributions in the perturbative QCD approach. Physical Review D, 2014, 90, .	4.7	6
59	Revisiting the KÏ€ puzzle in the pQCD factorization approach. Chinese Physics C, 2014, 38, 033101.	3.7	10
60	The two-body hadronic decays of B c meson in the perturbative QCD approach: a short review. Science Bulletin, 2014, 59, 3748-3759.	1.7	31
61	The semileptonic decays of B/B s meson in the perturbative QCD approach: a short review. Science Bulletin, 2014, 59, 3787-3800.	1.7	25
62	Study of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msubsup><mml:mover accent="true"><mml:mi>B</mml:mi><mml:mo stretchy="false">Â¯</mml:mo></mml:mover><mml:mi>s</mml:mi><mml:mn>0</mml:mn></mml:msubsup><mml:mo stretchy="false">â†'</mml:mo><mml:mo		

#	Article	IF	Citations
73	Production and decays of a light Ï• 0 in the LRTH model under the LHC Higgs data. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
74	The loop effects on the chargino decays $$ilde{chi }_1^pm ightarrow ilde{chi }_1^0 f f^prime $$ Ï‡ ~ 1 Â± â†’ Ï‡ ~ 1 0 f f â€² in the MSSM. Science Bulletin, 2014, 59, 1968-1977.	1.7	0
75	The three body decaysB+â†’Ï€+Ï€â^’Ï€+in perturbative QCD approach. Nuclear Physics A, 2014, 930, 117-130.	1.5	5
76	NLO twist-3 contributions to<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>B</mml:mi><mml:mo stretchy="false">â†’</mml:mo><mml:mi>Ï€</mml:mi></mml:mrow></mml:math>form factors in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>k</mml:mi><mml:mi>T</mml:mi></mml:msub></mml:math>factorization. Physical Review D, 2014, 89, .	4.7	34
77	display="inline"><mml:mi>B</mml:mi><mml:mo>â†’</mml:mo><mml:mi>K</mml:mi><mml:msup><mml:mi>Î·</mml:mi><mml:mrow>< stretchy="false">(</mml:mo><mml:mo>â€²</mml:mo><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (stretchy="false and effects of next-to-leading order contributions in the perturbative QCD approach. Physical Review D, 2013, 87, .	4.7	27
78	Semileptonic decaysB/Bsâ†’(Î·,Î·â€²,G)(l+lâ^’,lÎ½Â¯,Î½Î½Â¯)in the perturbative QCD approach beyond the leading order. Physical Review D, 2013, 87, .	4.7	21
79	Semileptonic decays B _c â†’ (Î· _c , J/Ïˆ)lÎ½ in the perturbative QCD approach. Chinese Physics C, 2013, 37, 093102.	3.7	83
80	Branching ratios and CP asymmetries of $B_{u/d/s}ightarrow K_0^{*}(1430)overline{K}{}_0^{*}(1430)$ decays in the pQCD approach. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 025002.	3.6	10
81	Branching ratios andCPviolations ofBâ†’K0*(1430)K*decays in the perturbative QCD approach. Physical Review D, 2013, 88, .	4.7	11
82	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â†’</mml:mo><mml:msub><mml:mi>a</mml:mi><mml:mn>1</mml:mn></mml:msub> stretchy="false">(</mml:mo><mml:mn>1260</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (stretchy="false">)</m stretchy="false">(</mml:mo><mml:mn>1260</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 367 Td (stretchy="false">)</m	4.7	9
83	Implications on<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi></mml:math>-<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>Î·</mml:mi><mml:mo>â€²</mml:mo></mml:math>-glueball mixing from<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"	4.7	27
84	Revisiting the pure annihilation decays<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>B</mml:mi><mml:mi>s</mml:mi></mml:msub><mml:mo>â†’</mml:mo><mml:msup><mml:mi> xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>B</mml:mi><mml:mn>0</mml:mn></mml:msup><mml:mo>â†’</mml:mo><mml:msup><mml:m Physical Review D, 2012, 85, .	4.7	69
85	Semileptonic decaysB/Bsâ†’(Ï€,K)(l+lâ^’,lÎ½,Î½Î½Â¯)in the perturbative QCD approach beyond the leading order. Physical Review D, 2012, 86, .	4.7	81
86	Study of the pure annihilationBcâ†’A2A3decays. Physical Review D, 2011, 84, .	4.7	20
87	Double Charm Decays of B Mesons in mSUGRA Model. Communications in Theoretical Physics, 2011, 56, 125-133.	2.5	4
88	Studies on charmless hadronicBcâ†’AV(VA) decays in the perturbative QCD approach. Journal of Physics G: Nuclear and Particle Physics, 2011, 38, 035009.	3.6	17
89	Light scalar mesons and charmless hadronicBcâ†’SP,SVdecays in the perturbative QCD approach. Physical Review D, 2010, 82, .	4.7	24
90	Branching ratios ofBcâ†’APdecays in the perturbative QCD approach. Physical Review D, 2010, 81, .	4.7	22

#	Article	IF	Citations
91	Pure annihilation typeBcâ†'M2M3decays in the perturbative QCD approach. Physical Review D, 2010, 81, .	4.7	42
92	NLO contributions to Bâ†'KK * decays in the pQCD approach. European Physical Journal C, 2009, 59, 49-66.	3.9	11
93	Branching ratios and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>C</mml:mi><mml:mi>P</mml:mi></mml:math>asymmetries of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>B</mml:mi><mml:mo>â†'</mml:mo><mml:mi>K</mml:mi><mml:msup><mml:mi>Î·</mml:mi><mml:mrow stretchy="false">(</mml:mo><mml:mo>â€²</mml:mo><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 647 Td (stretchy="false">) decays in the perturbative QCD approach. Physical Review D, 2009, 79, .	4.7	58
94	pQCD STUDY FOR SOME B â†' J/Î`P DECAYS. International Journal of Modern Physics A, 2008, 23, 3246-3249.	1.5	1
95	Bâ†'KK*decays in the perturbative QCD approach. Physical Review D, 2007, 75, .	4.7	15
96	Branching ratio andCPasymmetry ofB0â†'Î·(â€²)Î·(â€²)decays in the perturbative QCD approach. Physical Review D, 2007, 75, .	4.7	21
97	B0â†'Ï‰Î·(â€²)andÏ•Î·(â€²)decays in the perturbative QCD approach. Physical Review D, 2007, 75, .	4.7	17
98	Branching ratio andCPasymmetry ofBsâ†'Ï€0Î·(â€²)decays in the perturbative QCD approach. Physical Review D, 2007, 75, .	4.7	16
99	Branching ratio and CP-asymmetry of Bsâ†'Ï(Ï‰)K decays in the perturbative QCD approach. European Physical Journal C, 2007, 50, 363-371.	3.9	16
100	The productions of the top-pions and top-Higgs associated with the charm quark at the hadron colliders. European Physical Journal C, 2007, 51, 891-897.	3.9	8
101	Branching ratio andCPAsymmetry ofBâ†'Ï•(â€²)decays in the perturbative QCD approach. Physical Review D, 2006, 73, .	4.7	37
102	CPviolation in two-body charmless hadronicBdecays in the minimal supergravity model. Physical Review D, 2006, 73, .	4.7	2
103	Branching ratio and CP asymmetry of decays in the perturbative QCD approach. Nuclear Physics B, 2006, 738, 243-268.	2.5	38
104	Rare decaysB0â†'D(*)+sD(*)â^'sandB0sâ†'D(*)+D(*)â^'in perturbative QCD approach. Journal of Physics G: Nuclear and Particle Physics, 2005, 31, 273-281.	3.6	33
105	CharmlessBâ†'PV,VVdecays and new physics effects in the minimal supergravity model. Physical Review D, 2005, 72, .	4.7	28
106	Branching ratio andCPasymmetry ofBsâ†'Ï€+Ï€â^'decays in the perturbative QCD approach. Physical Review D, 2004, 70, .	4.7	75
107	CharmlessBâ†'PPdecays and new physics effects in the minimal supergravity model. Physical Review D, 2004, 70, .	4.7	15
108	Exclusive $B o (K^*, ho) gamma$ decays in general two-Higgs-doublet models. European Physical Journal C, 2004, 33, 349-368.	3.9	13

#	Article	IF	Citations
109	Bâ†'Ï€+Ï€âˆ',KÏ€,KÎ·â€²decays and new physics effects in the general two-Higgs-doublet model: An update. Physical Review D, 2002, 65, .	4.7	17
110	Branching ratios andCP-violating asymmetries ofBsâ†'h1h2decays in the general two-Higgs-doublet models. Physical Review D, 2001, 64, .	4.7	15
111	Inclusive etaÂ´ production in B decays and the enhancement due to charged technipions. Journal of Physics G: Nuclear and Particle Physics, 1999, 25, L85-L89.	3.6	7