Guo-Li Wang

List of Publications by Year
in descending order

87 papers	1,321 citations	361413 20 h-index	414414 32 g-index
88 all docs	88 docs citations	88 times ranked	1020 citing authors

#	Article	IF	Citations
1	Decay constants of heavy vector mesons in relativistic Betheâ€“Salpeter method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 633, 492-496.	4.1	115
2	Decay constants of heavy meson of <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co. Ph	4.1	80
3	Average kinetic energy of heavy quark (Î¼Ï€2) inside heavy meson in 0â^' state by Betheâ€“Salpeter method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 584, 285-293.	4.1	74
4	Decay constants of P-wave mesons. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 650, 15-21.	4.1	50
5	Decays of the mesonBcto aP-wave charmonium stateÏ‡corhc. Physical Review D, 2001, 65, .	4.7	47
6	Annihilation rate of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mn>2</mml:mn><mml:mrow><mml:mo>+</mml:mo><mml:mo>+</mml:mo></mml:mrow></mml:msup></mml:math> charmonium and bottomonium. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 674, 172-175.	4.1	40
7	Engineering the topological state transfer and topological beam splitter in an even-sized Su-Schrieffer-Heeger chain. Physical Review A, 2020, 102, .	2.5	39
8	Annihilation rate of heavy <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"	4.1	37
9	Radiative E1 decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="normal">X</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>3872</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 117 Td (stretchy="a High-Energy Physics, 2011, 697, 233-237.	4.1	37
10	TheBcdecays to aP-wave charmonium by the improved Betheâ€“Salpeter approach. Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 015009.	3.6	33
11	Is Z b (10610) a molecular state?. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
12	Lepton-number violating decays of heavy mesons. European Physical Journal C, 2011, 71, 1.	3.9	32
13	Probing non-leptonic two-body decays of B c meson. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32
14	Is <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	4.1	31
15	Mass spectra and wave functions of the doubly heavy baryons with JP=1+ heavy diquark cores. Chinese Physics C, 2020, 44, 013102.	3.7	29
16	Recently observed <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>P</mml:mi><mml:mi>c</mml:mi></mml:msub></mml:math> as molecular states and possible mixture of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msub><mml:mi>P</mml:mi><mml:mi>c</mml:mi></mml:msub><mml:mo stretchy="false">(</mml:mo><mml:mn>4457</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 117 Td (stretchy="false">)</m	4.7	27
17	Annihilation rate of heavy P-wave quarkonium in relativistic Salpeter method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 653, 206-209.	4.1	26
18	Lepton-number violating four-body decays of heavy mesons. Journal of High Energy Physics, 2013, 2013, 1.	4.7	26

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19	Two-body strong decay of Z(3930) as the Ï‡ c2(2P) state. Journal of High Energy Physics, 2013, 2013, 1.	4.7	22
20	Mass spectra and wave functions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>T</mml:mi></mml:mrow><mml:mrow><mml:mi>Q</mml:mi><mml:m accent="true"><mml:mrow><mml:mi>Q</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover><mml:mover accent="true"><mml:mrow><mml:mi>Q</mml:mi></mml:mrow><mml:mrow><mml:mo stretchy="false">Â¯</mml:mo></mml:mrow></mml:mover></mml:mrow></mml:msub></mml:mrow>. Phys	4.7	22
21	Pure leptonic decays of theBcmeson and their radiative corrections. Physical Review D, 1999, 60, .	4.7	19
22	Relativistic effects in the 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 to charmonium with the Bethe-Salpeter method. Physical Review D, 2019, 99, .	4.7	19
23	Decays of B, $$B_s$$ B s and $$B_c$$ B c to D-wave heavyâ€“light mesons. European Physical Journal C, 2017, 77, 1.	3.9	17
24	The production and strong decays ofDq(2S) andBq(2S). Journal of Physics G: Nuclear and Particle Physics, 2012, 39, 085006.	3.6	16
25	Electromagnetic decay ofX(3872) as the 1¹D₂(2^{â”+}) charmonium. Journal of Physics G: Nuclear and Particle Physics, 2013, 40, 035003.	3.6	16
26	The strong decays of orbitally excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msubsup><mml:mi>B</mml:mi><mml:mrow><mml:mi>s</mml:mi><mml:mi>J</mml:mi></mml:mrow><mml:m mesons by improved Betheâ€“Salpeter method. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 706, 389-397.	4.1	15
27	Bosonic Kitaev phase in a frequency-modulated optomechanical array. Physical Review A, 2019, 100, .	2.5	15
28	Semi-Leptonic and Non-LeptonicBMeson Decays to Charmed Mesons. Chinese Physics Letters, 2011, 28, 121301.	3.3	14
29	D-wave charmonia $$eta _{c2}(1^1!D_2)$$ Î· c 2 (1 1 D 2) , $$psi _2(1^3!D_2)$$ Ï^ 2 (1 3 D 2) , and $$psi _3(1^3!D_3)$$ Ï^ 3 (1 3 D 3) in $$B_c$$ B c decays. European Physical Journal C, 2016, 76, 1.	3.9	14
30	The mass spectrum and wave functions of the Bc system. Journal of High Energy Physics, 2022, 2022, .	4.7	12
31	Annihilation rate of 2â”+ charmonium and bottomonium. Journal of High Energy Physics, 2013, 2013, 1.	4.7	11
32	Testing the nature of neutrinos from four-body Ï„ decays. Journal of Physics G: Nuclear and Particle Physics, 2017, 44, 115002.	3.6	11
33	Strong decays of $$D_{3}^{*}(2760)$$ D 3 â— (2760) , $$D_{s3}^{*}(2860)$$ D s 3 â— (2860) , $$B_{3}^{*}$$ B 3 â— , and $$B_{s3}^{*}$$ B s 3 â—. European Physical Journal C, 2017, 77, 1.	3.9	11
34	The strong decays of X(3940) and X(4160). European Physical Journal C, 2017, 77, 1.	3.9	11
35	Study of the excited $$1^-$$ 1 - charm and charmâ€“strange mesons. European Physical Journal C, 2017, 77, 1.	3.9	11
36	Robust Interface-State Laser in Non-Hermitian Microresonator Arrays. Physical Review Applied, 2020, 13, .	3.8	11

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37	Dissipation-induced topological phase transition and periodic-driving-induced photonic topological state transfer in a small optomechanical lattice. Frontiers of Physics, 2021, 16, 1.	5.0	11
38	The decays of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi>B</mml:mi><mml:mo>+</mml:mo></mml:msup><mml:mo>â†’</mml:mo><mml:msup><mml:mi accent="true"><mml:mi>D</mml:mi><mml:mo>Â¯</mml:mo></mml:mover><mml:mn>0</mml:mn></mml:msup><mml:mo>+</mml:mo>		

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55	OZI-ALLOWED TWO BODY Ï' DECAYS IN THE ³P₀ MODEL WITH THE RELATIVISTIC WAVE FUNCTIONS. International Journal of Modern Physics A, 2012, 27, 1250027.	1.5	6
56	WHY X(3915) IS SO NARROW AS A Ï‡c0(2P) STATE?. International Journal of Modern Physics A, 2013, 28, 1350145.	1.5	6
57	Strong decays of the orbitally excited scalar $$D^{*}_{0}$$ D 0 âˆ— mesons. European Physical Journal C, 2018, 78, 1.	3.9	6
58	Spin- 1/2 invisible particles in heavy meson decays. Physical Review D, 2020, 102, .	4.7	6
59	Finding B(3S) states via their strong decays. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 816, 136277.	4.1	6
60	Semi-leptonic production of DsJ(3040) and DJ(3000) in Bs and B decays. Modern Physics Letters A, 2017, 32, 1750013.	1.2	5
61	Average speed and its powers <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>v</mml:mi><mml:mi>n</mml:mi></mml:msup></mml:math> of a heavy quark in quarkonia. Physical Review D, 2020, 101, .	4.7	5
62	Revisiting the heavy vector quarkonium leptonic widths *. Chinese Physics C, 2020, 44, 063104.	3.7	5
63	The weak B, B _s and B _c decays to radially excited states. Journal of Physics G: Nuclear and Particle Physics, 2021, 48, 055006.	3.6	5
64	CP violation in non-leptonic $$B_c$$ decays to excited final states. European Physical Journal C, 2021, 81, 1.	3.9	5
65	Semileptonic Production of Scalar and Tensor p-Wave Charmed Mesons. Chinese Physics Letters, 2013, 30, 101101.	3.3	4
66	Study of singlet-triplet mixing via semileptonic decays. Chinese Physics C, 2013, 37, 013101.	3.7	4
67	NONLEPTONIC PRODUCTION OF CHARMED P-WAVE MESONS FROM $ar B^{0}_s$ AND $ar B^0$ DECAYS. International Journal of Modern Physics A, 2013, 28, 1350110.	1.5	4
68	The study of rare $ {B_c}o D_{s,d}^{{left(* ight)}}loverline{l} $ decays. Journal of High Energy Physics, 2014, 2014, 1.	4.7	4
69	Strong decays of 2+ charm and charm-strange mesons. International Journal of Modern Physics A, 2017, 32, 1750022.	1.5	4
70	Doubly-charged scalar in rare decays of the <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. Physical Review D, 2018, 97, .	4.7	4
71	Mass spectra of heavy pseudoscalars using instantaneous Betheâ€“Salpeter equation with different kernels. European Physical Journal C, 2020, 80, 1.	3.9	4
72	The light invisible boson in FCNC decays of B and $$B_c$$ mesons. European Physical Journal C, 2021, 81, 1.	3.9	4

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73	Mass spectra, wave functions and mixing effects of the (bcq) baryons. European Physical Journal C, 2022, 82, 1.	3.9	4
74	DECAY CONSTANTS OF S AND P WAVE MESONS. International Journal of Modern Physics A, 2008, 23, 3263-3267.	1.5	3
75	STUDY ON FORM FACTORS AT EFFECTIVE VERTICES. International Journal of Modern Physics A, 2008, 23, 2975-2990.	1.5	3
76	The production ofX(3940) andX(4160) inBcdecays. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 105002.	3.6	3
77	Topological and Nontopological Edge States Induced by Qubitâ€Assisted Coupling Potentials. Annalen Der Physik, 2020, 532, 2000067.	2.4	3
78	Isgur-Wise function in B_c decays to charmonium with the Bethe-Salpeter method *. Chinese Physics C, 2021, 45, 013104.	3.7	3
79	The newly observed state $$D_{s0}(2590)^{+}$$. European Physical Journal C, 2022, 82, 1.	3.9	3
80	Rare radiative decays of theBcmeson. Journal of Physics G: Nuclear and Particle Physics, 2016, 43, 045004.	3.6	2
81	Study of the dilepton electromagnetic decays of $$chi _{cJ}(1P)$$. European Physical Journal C, 2019, 79, 1.	3.9	1
82	The weak decay $$B_c$$ to Z(3930) and X(4160) by Betheâ€“Salpeter method. European Physical Journal C, 2020, 80, 1.	3.9	1
83	Determination of average kinetic energy (Î¼²_{Ï€}) of a heavy quark inside a heavy vector meson using a relativistic method. Journal of Physics G: Nuclear and Particle Physics, 2008, 35, 075004.	3.6	0
84	Weak Decays of First Radial Excited D q (2 S) and B q (2 S) States. Chinese Physics Letters, 2012, 29, 071401.	3.3	0
85	Rates of $$D^{*}_{0}(2400)$$, $$ D_J^*(3000) $$ as the $$D^{*}_{0}(2P)$$ and $$D^{*}_{0}(3P)$$ in B decays. European Physical Journal C, 2019, 79, 1.	3.9	0
86	Doubly-charged scalar in four-body decays of neutral flavored mesons. Chinese Physics C, 2019, 43, 013103.	3.7	0
87	Strong decays of excited <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mn>2</mml:mn><mml:mo>+</mml:mo></mml:msup></mml:math> charmed mesons. Physical Review D, 2022, 105, .	4.7	0