Takahiro Sawada

List of Publications by Year
in descending order

20	347	1040056 9	794594 19
papers	citations	h-index	g-index

22	22	22	3254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	First Measurement of Transverse-Spin-Dependent Azimuthal Asymmetries in the Drell-Yan Process. Physical Review Letters, 2017, 119, 112002.	7.8	86
2	The asymmetry of antimatter in the proton. Nature, 2021, 590, 561-565.	27.8	65
3	The SeaQuest spectrometer at Fermilab. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 930, 49-63.	1.6	38
4	Kaon quark distribution functions in the chiral constituent quark model. Physical Review D, 2018, 97, .	4.7	20
5	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
6	Interference Effect between<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>Î•</mml:mi></mml:mrow></mml:math>and<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi mathvariant="normal">Î›</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1520</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 527 Td (stretchy="false">)</m xmlns:mml="http://w	7.8	19
7	Extraction of gluon distributions from structure functions at small x in holographic QCD. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 805, 135470.	4.1	17
8	Constraining gluon density of pions at large <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>x</mml:mi></mml:math> by pion-induced <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>J</mml:mi><mml:mo stretchy="false">/</mml:mo><mml:mi>Ï^</mml:mi></mml:math> production. Physical Review D, 2020, 102, .	4.7	15
9	Leading-order determination of the gluon polarisation from semi-inclusive deep inelastic scattering data. European Physical Journal C, 2017, 77, 1.	3.9	12
10	POSSIBLE LONG RANGE COMPONENT IN THE NUCLEAR FORCE. International Journal of Modern Physics A, 1996, 11, 5365-5388.	1.5	8
11	Azimuthal asymmetries of charged hadrons produced in high-energy muon scattering off longitudinally polarised deuterons. European Physical Journal C, 2018, 78, 1.	3.9	6
12	NRQCD analysis of charmonium production with pion and proton beams at fixed-target energies. Chinese Journal of Physics, 2021, 73, 13-23.	3.9	6
13	Application of the Hilbert-Huang transform for analyzing standing-accretion-shock-instability induced gravitational waves in a core-collapse supernova. Physical Review D, 2021, 104, .	4.7	6
14	Strong van der Waals potential in Ï€N scattering. Il Nuovo Cimento A, 1981, 62, 207-225.	0.2	5
15	Charmed Baryon Spectroscopy Experiment at J-PARC. , 2015, , .		5
16	Differential Cross Section and Photon-Beam Asymmetry for the Î³â†’pâ€‰â†’Ï€âˆ’Î”++(1232) Reaction at Forward Ï€âˆ’ Angles for EÎ³=1.5â€“2.95â€‰â€‰GeV. Physical Review Letters, 2018, 120, 202004.	7.8	5
17	Trapping solution of the Lorentz-Dirac equation. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1992, 107, 813-823.	0.2	3
18	Scattering problem of the Lorentz-Dirac equation: Phenomena of quasi-confinement of Diracâ€™s monopoles. Il Nuovo Cimento A, 1984, 84, 1-18.	0.2	2

#	Article	IF	Citations
19	High-precision p-p scattering at low energy and the magnetic-monopole model of hadron. Il Nuovo Cimento A, 1983, 77, 308-316.	0.2	1
20	Quasi-periodic solution of the Lorentz-Dirac equation in Coulomb external force field. Societa Italiana Di Fisica Nuovo Cimento B-General Physics, Relativity Astronomy and Mathematical Physics and Methods, 1992, 107, 1107-1117.	0.2	0