Young-min Kim

List of Publications by Year
in descending order

27 papers	1,718 citations	933447 10 h-index	610901 24 g-index
27 all docs	27 docs citations	27 times ranked	3061 citing authors

#	Article	IF	Citations
1	Performance of the KAGRA detector during the first joint observation with GEOâ€‰600 (O3GK). Progress of Theoretical and Experimental Physics, 2023, 2023, .	6.6	4
2	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
3	Optimizing parameters of information-theoretic correlation measurement for multi-channel time-series datasets in gravitational-wave detectors. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	1
4	Neutron star properties from astrophysical observations. Journal of the Korean Physical Society, 2021, 78, 932-941.	0.7	2
5	Time series anomaly detection for gravitational-wave detectors based on the Hilbertâ€“Huang transform. Journal of the Korean Physical Society, 2021, 78, 878-885.	0.7	5
6	Constraining the density dependence of the symmetry energy with nuclear data and astronomical observations in the Korea-IBS-Daegu-SKKU framework. Physical Review C, 2021, 103, .	2.9	20
7	Measuring the masses and radii of neutron stars in low-mass X-ray binaries: Effects of the atmospheric composition and touchdown radius. Astronomy and Astrophysics, 2021, 650, A139.	5.1	7
8	Investigation of X-ray timing and spectral properties of ESO 243-49 HLX-1 with long-term Swift monitoring. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5682-5692.	4.4	10
9	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2020, 23, 3.	26.7	447
10	Neutron star equations of state and their applications. International Journal of Modern Physics E, 2020, 29, 2030007.	1.0	2
11	Neutron star equation of state and tidal deformability with nuclear energy density functionals. European Physical Journal A, 2020, 56, 1.	2.5	3
12	Extended parity doublet model with a new transport code. Physical Review C, 2020, 101, .	2.9	6
13	Gravitational Waves and Measurability of Neutron Star Tidal Deformability. New Physics: Sae Mulli, 2020, 70, 97-102.	0.1	1
14	Analysis of nuclear structure in a converging power expansion scheme. Physical Review C, 2019, 100, .	2.9	16
15	Measurement of Tidal Deformability in the Gravitational Wave Parameter Estimation for Nonspinning Binary Neutron Star Mergers. Journal of the Korean Physical Society, 2019, 74, 842-846.	0.7	2
16	Prospects for observing and localizing gravitational-wave transients with Advanced LIGO, Advanced Virgo and KAGRA. Living Reviews in Relativity, 2018, 21, 3.	26.7	808
17	Sensing and Vetoing Loud Transient Noises for the Gravitational-wave Detection. Journal of the Korean Physical Society, 2018, 73, 1197-1210.	0.7	2
18	Tidal deformability of neutron stars with realistic nuclear energy density functionals. Physical Review C, 2018, 98, .	2.9	17

#	Article	IF	Citations
19	Gravitational Waves and Tidal Deformability of Neutron Stars. New Physics: Sae Mulli, 2018, 68, 707-717.	0.1	1
20	Direct photon elliptic flow at energies available at the BNL Relativistic Heavy Ion Collider and the CERN Large Hadron Collider. Physical Review C, 2017, 96, .	2.9	16
21	Mass and Radius of Neutron Stars Constrained by Photospheric Radius Expansion X-ray Bursts. , 2017, , .		0
22	Density and Temperature Evolutions in ^{132}Sn+^{208}Pb and ^{140}Xe+^{208}Pb Collisions. New Physics: Sae Mulli, 2017, 67, 36-40.	0.1	0
23	Neutron Star Mass Distribution in Binaries. Journal of Physics: Conference Series, 2016, 716, 012021.	0.4	0
24	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
25	Observation and Data Analysis of the Gravitational Wave GW150914. New Physics: Sae Mulli, 2016, 66, 283-292.	0.1	1
26	Application of artificial neural network to search for gravitational-wave signals associated with short gamma-ray bursts. Classical and Quantum Gravity, 2015, 32, 245002.	4.0	13
27	Application of machine learning algorithms to the study of noise artifacts in gravitational-wave data. Physical Review D, 2013, 88, .	4.7	89