

Young-min Kim

List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Characterization of transient noise in Advanced LIGO relevant to gravitational wave signal GW150914. Classical and Quantum Gravity, 2016, 33, 134001.	4.0	225
4	Application of machine learning algorithms to the study of noise artifacts in gravitational-wave data. Physical Review D, 2013, 88, .	4.7	89
5	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
6	First joint observation by the underground gravitational-wave detector KAGRA with GEO 600. Progress of Theoretical and Experimental Physics, 2022, 2022, .	6.6	20
7	Tidal deformability of neutron stars with realistic nuclear energy density functionals. Physical Review C, 2018, 98, .	2.9	17
8	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
9	Analysis of nuclear structure in a converging power expansion scheme. Physical Review C, 2019, 100, .	2.9	16
10	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
11	Investigation of X-ray timing and spectral properties of ESO 243-49 HLX-1 with long-term <i>Swift</i> monitoring. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5682-5692.	4.4	10
12	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
13	Extended parity doublet model with a new transport code. Physical Review C, 2020, 101, .	2.9	6
14	Time series anomaly detection for gravitational-wave detectors based on the Hilbert–Huang transform. Journal of the Korean Physical Society, 2021, 78, 878-885.	0.7	5
15	Performance of the KAGRA detector during the first joint observation with GEO600 (O3GK). Progress of Theoretical and Experimental Physics, 2023, 2023, .	6.6	4
16	Neutron star equation of state and tidal deformability with nuclear energy density functionals. European Physical Journal A, 2020, 56, 1.	2.5	3
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	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

#	ARTICLE	IF	CITATIONS
19	Neutron star equations of state and their applications. International Journal of Modern Physics E, 2020, 29, 2030007.	1.0	2
20	Neutron star properties from astrophysical observations. Journal of the Korean Physical Society, 2021, 78, 932-941.	0.7	2
21	Observation and Data Analysis of the Gravitational Wave GW150914. New Physics: Sae Mulli, 2016, 66, 283-292.	0.1	1
22	Gravitational Waves and Measurability of Neutron Star Tidal Deformability. New Physics: Sae Mulli, 2020, 70, 97-102.	0.1	1
23	Gravitational Waves and Tidal Deformability of Neutron Stars. New Physics: Sae Mulli, 2018, 68, 707-717.	0.1	1
24	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
25	Neutron Star Mass Distribution in Binaries. Journal of Physics: Conference Series, 2016, 716, 012021.	0.4	0
26	Mass and Radius of Neutron Stars Constrained by Photospheric Radius Expansion X-ray Bursts. , 2017, , .		0
27	Density and Temperature Evolutions in $^{132}\text{Sn}+^{208}\text{Pb}$ and $^{140}\text{Xe}+^{208}\text{Pb}$ Collisions. New Physics: Sae Mulli, 2017, 67, 36-40.	0.1	0