

# Kuo-Chuan Pan

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

681  
citations

567281

15  
h-index

713466

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g-index

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24  
docs citations

24  
times ranked

689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance of the KAGRA detector during the first joint observation with GEO600 (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	Evolution of Main-sequence-like Surviving Companions in Type Ia Supernova Remnants. Astrophysical Journal, 2022, 933, 38.	4.5	6
4	Determining the Structure of Rotating Massive Stellar Cores with Gravitational Waves. Astrophysical Journal, 2021, 914, 80.	4.5	18
5	Stellar Mass Black Hole Formation and Multimessenger Signals from Three-dimensional Rotating Core-collapse Supernova Simulations. Astrophysical Journal, 2021, 914, 140.	4.5	24
6	Progress in nuclear astrophysics of east and southeast Asia. AAPPs Bulletin, 2021, 31, 1.	6.1	5
7	An arm length stabilization system for KAGRA and future gravitational-wave detectors. Classical and Quantum Gravity, 2020, 37, 035004.	4.0	10
8	Features of Accretion-phase Gravitational-wave Emission from Two-dimensional Rotating Core-collapse Supernovae. Astrophysical Journal, 2019, 878, 13.	4.5	29
9	The impact of different neutrino transport methods on multidimensional core-collapse supernova simulations. Journal of Physics G: Nuclear and Particle Physics, 2019, 46, 014001.	3.6	31
10	Search for Surviving Companions of Progenitors of Young LMC SN Ia Remnants. Astrophysical Journal, 2019, 886, 99.	4.5	21
11	Equation of State Dependent Dynamics and Multi-messenger Signals from Stellar-mass Black Hole Formation. Astrophysical Journal, 2018, 857, 13.	4.5	68
12	Core-collapse supernovae in the hall of mirrors. Astronomy and Astrophysics, 2018, 619, A118.	5.1	33
13	Nature of the Diffuse Source and Its Central Point-like Source in SNR 0509-67.5. Astrophysical Journal, 2017, 837, 111.	4.5	14
14	Physical Structures of the Type Ia Supernova Remnant N103B. Astrophysical Journal, 2017, 836, 85.	4.5	17
15	Multi-dimensional Core-Collapse Supernova Simulations with Neutrino Transport. , 2017, , .		3
16	TWO-DIMENSIONAL CORE-COLLAPSE SUPERNOVA SIMULATIONS WITH THE ISOTROPIC DIFFUSION SOURCE APPROXIMATION FOR NEUTRINO TRANSPORT. Astrophysical Journal, 2016, 817, 72.	4.5	54
17	SEARCH FOR SURVIVING COMPANIONS IN TYPE Ia SUPERNOVA REMNANTS. Astrophysical Journal, 2014, 792, 71.	4.5	33
18	EVOLUTION OF POST-IMPACT REMNANT HELIUM STARS IN TYPE Ia SUPERNOVA REMNANTS WITHIN THE SINGLE-DEGENERATE SCENARIO. Astrophysical Journal, 2013, 773, 49.	4.5	58

#	ARTICLE	IF	CITATIONS
19	Scalable Algorithms for Distributed-Memory Adaptive Mesh Refinement. , 2012, , .		15
20	EVOLUTION OF POST-IMPACT COMPANION STARS IN SN Ia REMNANTS WITHIN THE SINGLE-DEGENERATE SCENARIO. Astrophysical Journal, 2012, 760, 21.	4.5	44
21	The heterogeneity of Type Ia supernova progenitor systems and their use as cosmic distance indicators. Proceedings of the International Astronomical Union, 2012, 8, 329-329.	0.0	0
22	IMPACT OF TYPE Ia SUPERNOVA EJECTA ON BINARY COMPANIONS IN THE SINGLE-DEGENERATE SCENARIO. Astrophysical Journal, 2012, 750, 151.	4.5	113
23	IMPACT OF TYPE Ia SUPERNOVA EJECTA ON A HELIUM-STAR BINARY COMPANION. Astrophysical Journal, 2010, 715, 78-85.	4.5	49