

# Gang Wang

## List of Publications by Year in descending order

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17  
papers

363  
citations

759055

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887953

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docs citations

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283  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZAIGA: Zhaoshan long-baseline atom interferometer gravitation antenna. International Journal of Modern Physics D, 2020, 29, 1940005.	0.9	87
2	Astrodynamical Space Test of Relativity using Optical Devices I (ASTROD I)â€”a class-M fundamental physics mission proposal for cosmic vision 2015â€”2025: 2010 Update. Experimental Astronomy, 2012, 34, 181-201.	1.6	37
3	Numerical simulation of sky localization for LISA-TAIJI joint observation. Physical Review D, 2020, 102, .	1.6	31
4	Design of ASTROD-GW Orbit. Chinese Astronomy and Astrophysics, 2010, 34, 434-446.	0.1	22
5	Numerical simulation of time delay interferometry for eLISA/NGO. Classical and Quantum Gravity, 2013, 30, 065011.	1.5	21
6	Orbit optimization for ASTROD-GW and its time delay interferometry with two arms using CGC ephemeris. Chinese Physics B, 2013, 22, 049501.	0.7	20
7	Orbit optimization and time delay interferometry for inclined ASTROD-GW formation with half-year precession-period. Chinese Physics B, 2015, 24, 059501.	0.7	20
8	Numerical simulation of time delay interferometry for TAIJI and new LISA. Research in Astronomy and Astrophysics, 2019, 19, 058.	0.7	19
9	Time-delay Interferometry for ASTROD-GW. Chinese Astronomy and Astrophysics, 2012, 36, 211-228.	0.1	18
10	Alternative LISA-TAIJI networks. Physical Review D, 2021, 104, .	1.6	16
11	Observing gravitational wave polarizations with the LISA-TAIJI network. Physical Review D, 2021, 103, .	1.6	15
12	Alternative LISA-TAIJI networks: Detectability of the isotropic stochastic gravitational wave background. Physical Review D, 2021, 104, .	1.6	14
13	Astrodynamical middle-frequency interferometric gravitational wave observatory AMIGO: Mission concept and orbit design. International Journal of Modern Physics D, 2020, 29, 1940007.	0.9	13
14	Algorithm for time-delay interferometry numerical simulation and sensitivity investigation. Physical Review D, 2021, 103, .	1.6	12
15	Orbit design for space atom-interferometer AIGSO. International Journal of Modern Physics D, 2020, 29, 1940004.	0.9	7
16	Orbit design and thruster requirement for various constant arm space mission concepts for gravitational-wave observation. International Journal of Modern Physics D, 2020, 29, 1940006.	0.9	7
17	Geometrized effective-one-body formalism for extreme-mass-ratio limits: Generic orbits. Physical Review D, 2021, 104, .	1.6	4