Naqing Xie

List of Publications by Year
in descending order

18 papers	**111** citations	1163117 **8** h-index	1281871 **11** g-index
18 all docs	**18** docs citations	**18** times ranked	**85** citing authors

#	Article	IF	Citations
1	Positive mass theorems for asymptotically de Sitter spacetimes. Nuclear Physics B, 2010, 825, 98-118.	2.5	16
2	POSITIVE MASS THEOREMS FOR ASYMPTOTICALLY ADS SPACETIMES WITH ARBITRARY COSMOLOGICAL CONSTANT. International Journal of Mathematics, 2008, 19, 285-302.	0.5	14
3	Critical Points of Wang–Yau Quasi-Local Energy. Annales Henri Poincare, 2011, 12, 987.	1.7	13
4	Brown-York Mass and the Thorne Hoop Conjecture. Physical Review Letters, 2010, 104, 041101.	7.8	12
5	Brown-York mass and the hoop conjecture in nonspherical massive systems. Physical Review D, 2015, 91, .	4.7	10
6	Quasi-Local Mass Integrals and the Total Mass. Journal of Geometric Analysis, 2017, 27, 1323-1354.	1.0	10
7	The positive energy theorem for asymptotically anti-de Sitter spacetimes. Communications in Contemporary Mathematics, 2015, 17, 1550015.	1.2	8
8	Rotating systems, universal features in dragging and antidragging effects, and bounds of angular momentum. Physical Review D, 2016, 94, .	4.7	8
9	Inequalities Between Size, Mass, Angular Momentum, and Charge for Axisymmetric Bodies and the Formation of Trapped Surfaces. Annales Henri Poincare, 2017, 18, 2815-2830.	1.7	7
10	Gravitational collapse of spherically symmetric stars in noncommutative general relativity. European Physical Journal C, 2010, 69, 271-279.	3.9	4
11	Toroidal marginally outer trapped surfaces in closed Friedmann-Lemaître-Robertson-Walker spacetimes: Stability and isoperimetric inequalities. Physical Review D, 2017, 96, .	4.7	3
12	From bending of light to positive mass: A non-PDE perspective. Journal of Mathematical Physics, 2021, 62, 062503.	1.1	2
13	Quasi-local energy and Oppenheimer–Snyder collapse. Classical and Quantum Gravity, 2020, 37, 185016.	4.0	2
14	Geometric inequalities for certain submanifolds in a pinched Riemannian manifold. Acta Mathematica Scientia, 2007, 27, 611-618.	1.0	1
15	Hyperbolic positive mass theorem under modified energy condition. Science in China Series A: Mathematics, 2008, 51, 2189-2197.	0.5	1
16	Construction of vacuum initial data by the conformally covariant split system. Classical and Quantum Gravity, 2019, 36, 145001.	4.0	0
17	On limit behavior of quasi-local mass for ellipsoids at spatial infinity. Communications in Theoretical Physics, 2020, 72, 015403.	2.5	0
18	Positive Mass Theorems and Calabi-Yau Compactification. , 2006, , .		0