

Naqing Xie

List of Publications by Year in descending order

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