Changhua Wei

List of Publications by Year
in descending order

19	88	6	9
papers	citations	h-index	g-index

19	19	19	27
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Global existence and lifespan of smooth solutions of biwave maps. Journal of Mathematical Physics, 2022, 63, 021502.	1.1	0
2	Global existence of smooth solution to relativistic membrane equation with large data. Calculus of Variations and Partial Differential Equations, 2022, 61, 1.	1.7	5
3	Nonlinear stability of self-gravitating irrotational Chaplygin fluids in a FLRW geometry. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2021, 38, 787-814.	1.4	7
4	Future Stability of the FLRW Spacetime for a Large Class of Perfect Fluids. Annales Henri Poincare, 2021, 22, 715-770.	1.7	9
5	Classical solutions to relativistic Burgers equations in FLRW space-times. Science China Mathematics, 2020, 63, 357-370.	1.7	2
6	Stability of traveling wave for the relativistic string equation in de Sitter spacetime. Journal of Mathematical Physics, 2020, 61, 011503.	1.1	2
7	Global smooth solutions to 3D irrotational Euler equations for Chaplygin gases. Journal of Hyperbolic Differential Equations, 2020, 17, 613-637.	0.5	3
8	Classical solution to relativistic Burger's equation in SdS and SAdS space-times. Journal of Mathematical Physics, 2019, 60, .	1.1	1
9	Global existence of smooth solution to 2D relativistic membrane equation in asymptotically flat FLRW space–time. Mathematical Methods in the Applied Sciences, 2019, 42, 3754-3778.	2.3	2
10	Asymptotic profile of global solutions to the generalized double dispersion equation via the nonlinear term. Zeitschrift Fur Angewandte Mathematik Und Physik, 2018, 69, 1.	1.4	4
11	Boundedness of the total energy of relativistic membranes evolving in a curved spacetime. Journal of Differential Equations, 2018, 265, 312-331.	2.2	5
12	Completely linear degeneracy for quasilinear hyperbolic systems. Journal of Mathematical Analysis and Applications, 2018, 465, 318-330.	1.0	0
13	Stabilizing effect of the power law inflation on isentropic relativistic fluids. Journal of Differential Equations, 2018, 265, 3441-3463.	2.2	14
14	Spreading of the free boundary of relativistic Euler equations in a vacuum. Mathematical Research Letters, 2018, 25, 2017-2033.	0.5	0
15	Global radial solutions to 3D relativistic Euler equations for non-isentropic Chaplygin gases. Mathematische Annalen, 2017, 367, 1363-1401.	1.4	14
16	The lifespan of 3D radial solutions to the non-isentropic relativistic Euler equations. Zeitschrift Fur Angewandte Mathematik Und Physik, 2017, 68, 1.	1.4	3
17	Classical solutions to the relativistic Euler equations for a linearly degenerate equation of state. Journal of Hyperbolic Differential Equations, 2017, 14, 535-563.	0.5	6
18	Formation of singularities in one-dimensional Chaplygin gas. Journal of Hyperbolic Differential Equations, 2014, 11, 521-561.	0.5	11

#	Article	IF	Citations
19	Exact Boundary Controller Design for a Kind of Enhanced Oil Recovery Models. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.7	0