

Achenef Tesfahun

List of Publications by Year in descending order

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Version: 2024-02-01

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all docs

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citing authors

#	ARTICLE	IF	CITATIONS
1	On the persistence of spatial analyticity for the beam equation. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 509, 126001.	1.0	3
2	Lower bound on the radius of analyticity of solution for fifth order KdV-BBM equation. <i>Nonlinear Differential Equations and Applications</i> , 2022, 29, 1.	0.8	3
3	Time-decay estimates for the linearized water wave type equations. <i>Journal of Evolution Equations</i> , 2022, 22, .	1.1	1
4	Dispersive Estimates for Full Dispersion KP Equations. <i>Journal of Mathematical Fluid Mechanics</i> , 2021, 23, 1.	1.0	5
5	Ill-posedness of the Maxwell-Dirac system below charge in space dimension three and lower. <i>Nonlinear Differential Equations and Applications</i> , 2021, 28, 1.	0.8	1
6	Long-time Behavior of Solutions to Cubic Dirac Equation with Hartree Type Nonlinearity in \mathbb{R}^{1+2} . <i>International Mathematics Research Notices</i> , 2020, 2020, 6489-6538.	1.0	7
7	Ill-posedness of the Thirring model below the critical regularity. <i>Journal of Mathematical Physics</i> , 2020, 61, 071504.	1.1	0
8	Small Data Scattering for Cubic Dirac Equation with Hartree Type Nonlinearity in \mathbb{R}^{1+3} . <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 2969-3003.	1.9	4
9	Well-Posedness for a Dispersive System of the Whitham-Boussinesq Type. <i>SIAM Journal on Mathematical Analysis</i> , 2020, 52, 2353-2382.	1.9	8
10	Growth-in-time of higher Sobolev norms of solutions to the 1D Dirac-Klein-Gordon system. <i>Journal of Hyperbolic Differential Equations</i> , 2019, 16, 313-332.	0.5	3
11	Remark on the persistence of spatial analyticity for cubic nonlinear Schrödinger equation on the circle. <i>Nonlinear Differential Equations and Applications</i> , 2019, 26, 1.	0.8	5
12	Asymptotic lower bound for the radius of spatial analyticity to solutions of KdV equation. <i>Communications in Contemporary Mathematics</i> , 2019, 21, 1850061.	1.2	13
13	On the Radius of Spatial Analyticity for the Quartic Generalized KdV Equation. <i>Annales Henri Poincaré</i> , 2017, 18, 3553-3564.	1.7	19
14	On the radius of spatial analyticity for cubic nonlinear Schrödinger equations. <i>Journal of Differential Equations</i> , 2017, 263, 7496-7512.	2.2	20
15	Null structure and local well-posedness in the energy class for the Yang-Mills equations in Lorenz gauge. <i>Journal of the European Mathematical Society</i> , 2016, 18, 1729-1752.	1.4	13
16	Finite Energy Local Well-Posedness for the Yang-Mills-Higgs Equations in Lorenz Gauge. <i>International Mathematics Research Notices</i> , 2015, 2015, 5140-5161.	1.0	7
17	Local well-posedness of Yang-Mills equations in Lorenz gauge below the energy norm. <i>Nonlinear Differential Equations and Applications</i> , 2015, 22, 849-875.	0.8	11
18	Almost critical local well-posedness for the space-time monopole equation in Lorenz gauge. <i>Communications in Contemporary Mathematics</i> , 2015, 17, 1450043.	1.2	3

#	ARTICLE	IF	CITATIONS
19	On the radius of spatial analyticity for the 1d Dirac-Klein-Gordon equations. Journal of Differential Equations, 2015, 259, 4732-4744.	2.2	28
20	Small data scattering for semi-relativistic equations with Hartree type nonlinearity. Journal of Differential Equations, 2015, 259, 5510-5532.	2.2	12
21	Unconditional uniqueness in the charge class for the Dirac-Klein-Gordon equations in two space dimensions. Nonlinear Differential Equations and Applications, 2013, 20, 1055-1063.	0.8	5
22	Global well-posedness of the Chern-Simons-Higgs equations with finite energy. Discrete and Continuous Dynamical Systems, 2013, 33, 2531-2546.	0.9	14
23	ON THE MAXWELL-KLEIN-GORDON SYSTEM IN LORENZ GAUGE. , 2010, , .		0
24	Remarks on regularity and uniqueness of the Dirac-Klein-Gordon equations in one space dimension. Nonlinear Differential Equations and Applications, 2010, 17, 453-465.	0.8	6
25	Finite-Energy Global Well-Posedness of the Maxwell-Klein-Gordon System in Lorenz Gauge. Communications in Partial Differential Equations, 2010, 35, 1029-1057.	2.2	34
26	GLOBAL WELL-POSEDNESS OF THE 1D DIRAC-KLEIN-GORDON SYSTEM IN SOBOLEV SPACES OF NEGATIVE INDEX. Journal of Hyperbolic Differential Equations, 2009, 06, 631-661.	0.5	10
27	LOW REGULARITY WELL-POSEDNESS OF THE DIRAC-KLEIN-GORDON EQUATIONS IN ONE SPACE DIMENSION. Communications in Contemporary Mathematics, 2008, 10, 181-194.	1.2	26
28	Comparison between Boussinesq and Whitham-Boussinesq type systems. Mathematical Methods in the Applied Sciences, 0, , .	2.3	1