Benoit Pausader

List of Publications by Year
in descending order

26
papers

959
citations

430874

18
h-index

642732

23
g-index

27
all docs

27
docs citations

27
times ranked

254
citing authors

#	Article	IF	Citations
1	Erratum to â€œThe profile decomposition for the hyperbolic SchrÃ¶dinger equationâ€ Illinois Journal of Mathematics, 2021, 65, .	0.1	0
2	Global endpoint Strichartz estimates for SchrÃ¶dinger equations on the cylinder <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e40" altimg="si2.svg"><mml:mrow><mml:mi mathvariant="double-struck">R</mml:mi><mml:mo linebreak="goodbreak" linebreakstyle="after">Ã—</mml:mo><mml:mi mathvariant="double-struck">T</mml:mi></mml:mrow></mml:math>. Nonlinear Analysis: Theory, Methods & Applications, 2021, 206, 112172.	1.1	2
3	Stability of a Point Charge for the Vlasovâ€“Poisson System: The Radial Case. Communications in Mathematical Physics, 2021, 385, 1741-1769.	2.2	9
4	A Paradifferential Approach for Well-Posedness of the Muskat Problem. Archive for Rational Mechanics and Analysis, 2020, 237, 35-100.	2.4	26
5	On the Global Regularity for a Wave-Kleinâ€"Gordon Coupled System. Acta Mathematica Sinica, English Series, 2019, 35, 933-986.	0.6	23
6	The Eulerâ€“Maxwell System for Electrons: Global Solutions in 2D. Archive for Rational Mechanics and Analysis, 2017, 225, 771-871.	2.4	37
7	Global solutions of the gravity-capillary water-wave system in three dimensions. Acta Mathematica, 2017, 219, 213-402.	3.9	54
8	Global solutions of the Euler--Maxwell two-fluid system in 3D. Annals of Mathematics, 2016, 183, 377-498.	4.2	61
9	MODIFIED SCATTERING FOR THE CUBIC SCHRÃ–DINGER EQUATION ON PRODUCT SPACES AND APPLICATIONS. Forum of Mathematics, Pi, 2015, 3, .	2.0	51
10	Global solutions of quasilinear systems of Kleinâ€“Gordon equations in 3D. Journal of the European Mathematical Society, 2014, 16, 2355-2431.	1.4	38
11	Global solutions of certain plasma fluid models in three-dimension. Journal of Mathematical Physics, 2014, 55, .	1.1	18
12	On Scattering for the Quintic Defocusing Nonlinear SchrÃ¶dinger Equation on R Ã— T². Communications on Pure and Applied Mathematics, 2014, 67, 1466-1542.	3.1	28
13	Topography Influence on the Lake Equations in Bounded Domains. Journal of Mathematical Fluid Mechanics, 2014, 16, 375-406.	1.0	5
14	Nonneutral Global Solutions for the Electron Euler--Poisson System in Three Dimensions. SIAM Journal on Mathematical Analysis, 2013, 45, 267-278.	1.9	23
15	The Eulerâ€“Poisson System in 2D: Global Stability of the Constant Equilibrium Solution. International Mathematics Research Notices, 2013, 2013, 761-826.	1.0	51
16	Scattering theory for the fourth-order SchrÃ¶dinger equation in low dimensions. Nonlinearity, 2013, 26, 2175-2191.	1.4	36
17	On the global well-posedness of energy-critical SchrÃ¶dinger equations in curved spaces. Analysis and PDE, 2012, 5, 705-746.	1.4	38
18	Global Well-Posedness of the Energy-Critical Defocusing NLS on $${mathbb{R} imes mathbb{T}^3}$$. Communications in Mathematical Physics, 2012, 312, 781-831.	2.2	43

#	ARTICLE	IF	CITATIONS
19	Global Smooth Ion Dynamics in the Euler-Poisson System. Communications in Mathematical Physics, 2011, 303, 89-125.	2.2	91
20	The linear profile decomposition for the fourth order SchrÃ¶dinger equation. Journal of Differential Equations, 2010, 249, 2521-2547.	2.2	12
21	THE MASS-CRITICAL FOURTH-ORDER SCHRÃ–DINGER EQUATION IN HIGH DIMENSIONS. Journal of Hyperbolic Differential Equations, 2010, 07, 651-705.	0.5	43
22	The cubic fourth-order SchrÃ¶dinger equation. Journal of Functional Analysis, 2009, 256, 2473-2517.	1.4	101
23	Scattering and the Levandoskyâ€"Strauss conjecture for fourth-order nonlinear wave equations. Journal of Differential Equations, 2007, 241, 237-278.	2.2	37
24	Global well-posedness for energy critical fourth-order SchrÃ¶dinger equations in the radial case. Dynamics of Partial Differential Equations, 2007, 4, 197-225.	0.9	117
25	On the Asymptotic Behavior of Solutions to the Vlasovâ€"Poisson System. International Mathematics Research Notices, 0, , .	1.0	10
26	Scattering Map for the Vlasovâ€"Poisson System. Peking Mathematical Journal, 0, , 1.	1.2	5