Giovanni Taglialatela

List of Publications by Year
in descending order

20	102	1684188	1372567
papers	citations	5	10
		h-index	g-index

21	21	21	33
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A review on implied volatility calculation. Journal of Computational and Applied Mathematics, 2017, 320, 202-220.	2.0	36
2	Homogeneous weakly hyperbolic equations with time dependent analytic coefficients. Journal of Differential Equations, 2011, 251, 995-1029.	2.2	12
3	Well-posedness for hyperbolic higher order operators with finite degeneracy. Kyoto Journal of Mathematics, 2006, 46, 833.	0.3	9
4	Challenges in approximating the Black and Scholes call formula with hyperbolic tangents. Decisions in Economics and Finance, 2021, 44, 73-100.	1.8	7
5	Microlocal smoothing effect for Schrödinger equations in Gevrey spaces. Journal of the Mathematical Society of Japan, 2003, 55, 855.	0.4	6
6	HOMOGENEOUS HYPERBOLIC EQUATIONS WITH COEFFICIENTS DEPENDING ON ONE SPACE VARIABLE. Journal of Hyperbolic Differential Equations, 2007, 04, 533-553.	0.5	6
7	On the approximation of the Black and Scholes call function. Journal of Computational and Applied Mathematics, 2021, 384, 113154.	2.0	5
8	Some results on the well-posedness for systems with time dependent coefficients. Annales De La Faculté Des Sciences De Toulouse, 2009, 18, 247-284.	0.3	5
9	Remarks on the Levi conditions for differential systems. Hokkaido Mathematical Journal, 2008, 37, .	0.3	4
10	Analytic Propagation for Nonlinear Weakly Hyperbolic Systems. Communications in Partial Differential Equations, 2010, 35, 2123-2163.	2.2	4
11	Conditions of hyperbolicity of linear differentiable systems with constant multiplicity. Bulletin Des Sciences Mathematiques, 2013, 137, 251-267.	1.0	2
12	Third order homogeneous weakly hyperbolic equations with nonanalytic coefficients. Journal of Mathematical Analysis and Applications, 2014, 418, 1006-1029.	1.0	2
13	Some inequalities of Glaeser-Bronšteĭn type. Atti Della Accademia Nazionale Dei Lincei, Classe Di Scienze Fisiche, Matematiche E Naturali, Rendiconti Lincei Matematica E Applicazioni, 2006, 17, 367-375.	0.6	2
14	Some algebraic properties of the hyperbolic systems. Annali Dell'Universita Di Ferrara, 2006, 52, 457-470.	1.3	1
15	Quasi-symmetrizer and Hyperbolic Equations. Springer Proceedings in Mathematics and Statistics, 2013, , 339-366.	0.2	1
16	Time regularity of the solutions to second order hyperbolic equations. Arkiv for Matematik, 2011, 49, 109-127.	0.5	0
17	Strong hyperbolicity in Gevrey classes. Journal of Differential Equations, 2021, 272, 222-254.	2.2	0
18	Local in Space Energy Estimates for Second-order Hyperbolic Equations. , 2012, , 301-313.		0

#	Article	IF	Citations
19	Challenges in Approximating the Black and Scholes Call Formula With Hyperbolic Tangents. SSRN Electronic Journal, 0, , .	0.4	0
20	On some hyperbolic equations of third order. Annali Di Matematica Pura Ed Applicata, 0, , .	1.0	0