Giovanni Taglialatela

List of Publications by Year
in descending order

20 papers	102 citations	1684188 5 h-index	1372567 10 g-index
21 all docs	21 docs citations	21 times ranked	33 citing authors

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

#	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