Dario Pierotti

List of Publications by Year
in descending order

17 papers	105 citations	1478505 6 h-index	1474206 9 g-index
17 all docs	17 docs citations	17 times ranked	34 citing authors

#	Article	IF	Citations
1	Local minimizers in absence of ground states for the critical NLS energy on metric graphs. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2021, 151, 705-733.	1.2	15
2	On unique solvability and regularity in the linearized two-dimensional wave resistance problem. Quarterly of Applied Mathematics, 2003, 61, 639-655.	0.7	11
3	The Neumann–Kelvin Problem for a Beam. Journal of Mathematical Analysis and Applications, 1999, 240, 60-79.	1.0	9
4	Exact Solution of the Wave-Resistance Problem for a Submerged Cylinder. II. The Non-linear Problem. Archive for Rational Mechanics and Analysis, 1999, 149, 289-327.	2.4	8
5	The Subcritical Motion of a Semisubmerged Body: Solvability of the Free Boundary Problem. SIAM Journal on Mathematical Analysis, 2004, 36, 69-93.	1.9	8
6	A Fock–Krein realization of the Landau gauge. Journal of Mathematical Physics, 1985, 26, 143-144.	1.1	6
7	On Solvability of the Nonlinear Wave Resistance Problem for a Surface-Piercing Symmetric Cylinder. SIAM Journal on Mathematical Analysis, 2000, 32, 214-233.	1.9	6
8	Uniqueness and trapped modes in the linear problem of the steady flow over a submerged hollow. Wave Motion, 2006, 43, 222-231.	2.0	6
9	Variational methods for nonlinear Steklov eigenvalue problems with an indefinite weight function. Calculus of Variations and Partial Differential Equations, 2010, 39, 35-58.	1.7	6
10	Ground States for the NLS Equation with Combined Nonlinearities on Noncompact Metric Graphs. SIAM Journal on Mathematical Analysis, 2022, 54, 768-790.	1.9	6
11	The steady two-dimensional flow over a rectangular obstacle lying on the bottom. Journal of Mathematical Analysis and Applications, 2008, 342, 1467-1480.	1.0	5
12	Multiple variational solutions to nonlinear Steklov problems. Nonlinear Differential Equations and Applications, 2012, 19, 417-436.	0.8	5
13	Exact Solution of the Wave-Resistance Problem for a Submerged Cylinder. I. Linearized Theory. Archive for Rational Mechanics and Analysis, 1999, 149, 271-288.	2.4	4
14	A three dimensional Steklov eigenvalue problem with exponential nonlinearity on the boundary. Nonlinear Analysis: Theory, Methods & Applications, 2013, 79, 28-40.	1.1	4
15	On the plane problem of the flow around a submerged beam. Journal of Differential Equations, 2008, 244, 2350-2371.	2.2	3
16	Some remarks on the Gupta–Bleuler triplet. Journal of Mathematical Physics, 1990, 31, 1862-1871.	1.1	2
17	Concentration along Geodesics for a Nonlinear Steklov Problem Arising in Corrosion Modeling. SIAM Journal on Mathematical Analysis, 2016, 48, 1085-1108.	1.9	1