Giovanni Pisante

List of Publications by Year
in descending order

20 papers	**126** citations	1307594 **7** h-index	1281871 **11** g-index
21 all docs	**21** docs citations	**21** times ranked	**85** citing authors

#	Article	IF	Citations
1	A weighted anisotropic Sobolev type inequality and its applications to Hardy inequalities. Mathematische Annalen, 2021, 379, 1343-1362.	1.4	2
2	Sign-changing two-peak solutions for an elliptic free boundary problem related to confined plasmas. Advances in Nonlinear Analysis, 2018, 7, 385-405.	2.6	1
3	Minimality via second variation for microphase separation of diblock copolymer melts. Journal Fur Die Reine Und Angewandte Mathematik, 2017, 2017, 81-117.	0.9	18
4	Variational methods for the selection of solutions to an implicit system of PDE. Calculus of Variations and Partial Differential Equations, 2017, 56, 1.	1.7	0
5	Sobolev and Lipschitz regularity for local minimizers of widely degenerate anisotropic functionals. Nonlinear Analysis: Theory, Methods & Applications, 2017, 153, 169-199.	1.1	5
6	$\mathcal{D}$-solutions to the system of vectorial Calculus of Variations in L^{∞} via the singular value problem. Discrete and Continuous Dynamical Systems, 2017, 37, 6165-6181.	0.9	10
7	On the finite time blow-up for filtration problems with nonlinear reaction. Applied Mathematics Letters, 2015, 42, 47-52.	2.7	2
8	Stability of Pólyaâ€"Szegő inequality for log-concave functions. Journal of Functional Analysis, 2014, 267, 2264-2297.	1.4	17
9	On representation of boundary integrals involving the mean curvature for mean-convex domains. , 2013, , 171-187.		2
10	A Quantitative Second Order Minimality Criterion for Cavities in Elastic Bodies. SIAM Journal on Mathematical Analysis, 2013, 45, 1952-1991.	1.9	11
11	On a Bonnesen type inequality involving the spherical deviation. Journal Des Mathematiques Pures Et Appliquees, 2012, 98, 616-632.	1.6	13
12	An isoperimetric inequality for a nonlinear eigenvalue problem. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2012, 29, 21-34.	1.4	7
13	A selection criterion of solutions to a system of eikonal equations. Advances in Calculus of Variations, 2011, 4, .	1.2	1
14	The Gibbsâ€"Thomson relation for non homogeneous anisotropic phase transitions. Advances in Calculus of Variations, 2010, 3, .	1.2	5
15	On a 1-capacitary type problem in the plane. Communications on Pure and Applied Analysis, 2010, 9, 1319-1333.	0.8	0
16	Higher integrability results for non smooth parabolic systems: The subquadratic case. Discrete and Continuous Dynamical Systems - Series B, 2009, 11, 177-190.	0.9	0
17	Partial regularity and singular set of solutions to second order parabolic systems. Journal of Mathematical Analysis and Applications, 2008, 341, 931-952.	1.0	2
18	The Semigeostrophic Equations Discretized in Reference and Dual Variables. Archive for Rational Mechanics and Analysis, 2007, 185, 341-363.	2.4	16

#	ARTICLE	IF	CITATIONS
19	Homogenization of micromagnetics large bodies. ESAIM - Control, Optimisation and Calculus of Variations, 2004, 10, 295-314.	1.3	6
20	Sufficient Conditions for the Existence of Viscosity Solutions for Nonconvex Hamiltonians. SIAM Journal on Mathematical Analysis, 2004, 36, 186-203.	1.9	5