

Antonio De Rosa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3062099/publications.pdf>

Version: 2024-02-01

20
papers

215
citations

1040056

9
h-index

1058476

14
g-index

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all docs

20
docs citations

20
times ranked

47
citing authors

#	ARTICLE	IF	CITATIONS
1	A direct approach to Plateau's problem in any codimension. <i>Advances in Mathematics</i> , 2016, 288, 59-80.	1.1	24
2	Rectifiability of Varifolds with Locally Bounded First Variation with Respect to Anisotropic Surface Energies. <i>Communications on Pure and Applied Mathematics</i> , 2018, 71, 1123-1148.	3.1	23
3	Proposing an unbiased oxygen reduction reaction onset potential determination by using a Savitzky-Golay differentiation procedure. <i>Journal of Colloid and Interface Science</i> , 2021, 586, 597-600.	9.4	20
4	A direct approach to the anisotropic Plateau problem. <i>Advances in Calculus of Variations</i> , 2019, 12, 211-223.	1.2	19
5	On the lower semicontinuous envelope of functionals defined on polyhedral chains. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2017, 163, 201-215.	1.1	17
6	Minimization of Anisotropic Energies in Classes of Rectifiable Varifolds. <i>SIAM Journal on Mathematical Analysis</i> , 2018, 50, 162-181.	1.9	16
7	Existence Results for Minimizers of Parametric Elliptic Functionals. <i>Journal of Geometric Analysis</i> , 2020, 30, 1450-1465.	1.0	13
8	Uniqueness of Critical Points of the Anisotropic Isoperimetric Problem for Finite Perimeter Sets. <i>Archive for Rational Mechanics and Analysis</i> , 2020, 238, 1157-1198.	2.4	12
9	Equivalence of the Ellipticity Conditions for Geometric Variational Problems. <i>Communications on Pure and Applied Mathematics</i> , 2020, 73, 2473-2515.	3.1	11
10	Quantitative Stability for Anisotropic Nearly Umbilical Hypersurfaces. <i>Journal of Geometric Analysis</i> , 2019, 29, 2318-2346.	1.0	10
11	Improved stability of optimal traffic paths. <i>Calculus of Variations and Partial Differential Equations</i> , 2018, 57, 1.	1.7	9
12	The area blow up set for bounded mean curvature submanifolds with respect to elliptic surface energy functionals. <i>Discrete and Continuous Dynamical Systems</i> , 2019, 39, 7031-7056.	0.9	7
13	On the Well-Posedness of Branched Transportation. <i>Communications on Pure and Applied Mathematics</i> , 2021, 74, 833-864.	3.1	6
14	The Ratio-Cut Polytope and K-Means Clustering. <i>SIAM Journal on Optimization</i> , 2022, 32, 173-203.	2.0	6
15	Stability for the mailing problem. <i>Journal Des Mathematiques Pures Et Appliquees</i> , 2019, 128, 152-182.	1.6	5
16	Absence of bubbling phenomena for non-convex anisotropic nearly umbilical and quasi-Einstein hypersurfaces. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2021, 2021, 1-40.	0.9	5
17	On the anisotropic Kirchhoff-Plateau problem. <i>Mathematics in Engineering</i> , 2021, 4, 1-13.	0.9	4
18	Regularity for graphs with bounded anisotropic mean curvature. <i>Inventiones Mathematicae</i> , 2022, 230, 463-507.	2.5	4

#	ARTICLE	IF	CITATIONS
19	A non local approximation of the Gaussian perimeter: Gamma convergence and Isoperimetric properties. Communications on Pure and Applied Analysis, 2021, .	0.8	2
20	Stability of optimal traffic plans in the irrigation problem. Discrete and Continuous Dynamical Systems, 2021, .	0.9	2