

Francesco Serra Cassano

List of Publications by Year in descending order

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17
papers

884
citations

687363

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888059

17
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17
docs citations

17
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Rectifiability and perimeter in the Heisenberg group. <i>Mathematische Annalen</i> , 2001, 321, 479-531.	1.4	213
2	On the structure of finite perimeter sets in step 2 Carnot groups. <i>Journal of Geometric Analysis</i> , 2003, 13, 421-466.	1.0	128
3	Surface measures in Carnot-Carathéodory spaces. <i>Calculus of Variations and Partial Differential Equations</i> , 2001, 13, 339-376.	1.7	100
4	Regular submanifolds, graphs and area formula in Heisenberg groups. <i>Advances in Mathematics</i> , 2007, 211, 152-203.	1.1	81
5	Regular Hypersurfaces, Intrinsic Perimeter and Implicit Function Theorem in Carnot Groups. <i>Communications in Analysis and Geometry</i> , 2003, 11, 909-944.	0.4	67
6	Intrinsic regular hypersurfaces in Heisenberg groups. <i>Journal of Geometric Analysis</i> , 2006, 16, 187-232.	1.0	64
7	Differentiability of Intrinsic Lipschitz Functions within Heisenberg Groups. <i>Journal of Geometric Analysis</i> , 2011, 21, 1044-1084.	1.0	46
8	The Bernstein problem for intrinsic graphs in Heisenberg groups and calibrations. <i>Calculus of Variations and Partial Differential Equations</i> , 2007, 30, 17-49.	1.7	40
9	Area formula for centered Hausdorff measures in metric spaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015, 126, 218-233.	1.1	36
10	Smooth approximation for intrinsic Lipschitz functions in the Heisenberg group. <i>Calculus of Variations and Partial Differential Equations</i> , 2014, 49, 1279-1308.	1.7	22
11	Distributional solutions of Burgers' equation and intrinsic regular graphs in Heisenberg groups. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 366, 561-568.	1.0	20
12	Intrinsic regular graphs in Heisenberg groups vs. weak solutions of non-linear first-order PDEs. <i>Advances in Calculus of Variations</i> , 2010, 3, .	1.2	17
13	Graphs of bounded variation, existence and local boundedness of non-parametric minimal surfaces in Heisenberg groups. <i>Advances in Calculus of Variations</i> , 2014, 7, 409-492.	1.2	15
14	Rectifiability and parameterization of intrinsic regular surfaces in the Heisenberg group. <i>Annali Della Scuola Normale Superiore Di Pisa Classe Di Scienze</i> , 2009, , 871-896.	0.2	14
15	Poincaré-type inequality for Lipschitz continuous vector fields. <i>Journal Des Mathématiques Pures Et Appliquées</i> , 2016, 105, 265-292.	1.6	8
16	The Bernstein problem for Lipschitz intrinsic graphs in the Heisenberg group. <i>Calculus of Variations and Partial Differential Equations</i> , 2019, 58, 1.	1.7	7
17	Sur les ensembles de perimeter fini dans le groupe de heisenberg. <i>Comptes Rendus Mathématique</i> , 1999, 329, 183-188.	0.5	6