

Marco Rigoli

List of Publications by Year in descending order

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90
papers

1,116
citations

430874

18
h-index

454955

30
g-index

91
all docs

91
docs citations

91
times ranked

256
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximum Principles and Geometric Applications. Springer Monographs in Mathematics, 2016, , .	0.2	94
2	Maximum principles on Riemannian manifolds and applications. Memoirs of the American Mathematical Society, 2005, 174, 0-0.	0.9	91
3	A remark on the maximum principle and stochastic completeness. Proceedings of the American Mathematical Society, 2002, 131, 1283-1288.	0.8	86
4	Hypersurfaces of constant higher order mean curvature in warped products. Transactions of the American Mathematical Society, 2013, 365, 591-621.	0.9	44
5	NONLINEAR WEIGHTED p -LAPLACIAN ELLIPTIC INEQUALITIES WITH GRADIENT TERMS. Communications in Contemporary Mathematics, 2010, 12, 501-535.	1.2	39
6	Liouville type theorems for φ -subharmonic functions. Revista Matematica Iberoamericana, 2001, 17, 471-520.	0.9	37
7	Vanishing theorems on Riemannian manifolds, and geometric applications. Journal of Functional Analysis, 2005, 229, 424-461.	1.4	35
8	Spacelike hypersurfaces of constant higher order mean curvature in generalized Robertson-Walker spacetimes. Mathematical Proceedings of the Cambridge Philosophical Society, 2012, 152, 365-383.	0.4	32
9	Keller-Osserman conditions for diffusion-type operators on Riemannian manifolds. Journal of Functional Analysis, 2010, 258, 665-712.	1.4	31
10	A maximum principle for hypersurfaces with constant scalar curvature and applications. Annals of Global Analysis and Geometry, 2012, 41, 307-320.	0.6	31
11	Qualitative properties for solutions of singular elliptic inequalities on complete manifolds. Journal of Differential Equations, 2007, 234, 507-543.	2.2	28
12	On the geometry of gradient Einstein-type manifolds. Pacific Journal of Mathematics, 2017, 286, 39-67.	0.5	28
13	A Liouville-type result for quasi-linear elliptic equations on complete Riemannian manifolds. Journal of Functional Analysis, 2005, 219, 400-432.	1.4	23
14	Non-existence of Entire Solutions of Degenerate Elliptic Inequalities with Weights. Archive for Rational Mechanics and Analysis, 2008, 188, 155-179.	2.4	23
15	The conformal Gauss map of submanifolds of the $M_{\mathbb{C}}^{1/2}$ space. Annals of Global Analysis and Geometry, 1987, 5, 97-116.	0.6	21
16	On entire solutions of degenerate elliptic differential inequalities with nonlinear gradient terms. Journal of Mathematical Analysis and Applications, 2009, 356, 689-697.	1.0	21
17	On weak solutions of nonlinear weighted p -Laplacian elliptic inequalities. Nonlinear Analysis: Theory, Methods & Applications, 2009, 70, 3008-3019.	1.1	20
18	Mean Curvature Flow Solitons in the Presence of Conformal Vector Fields. Journal of Geometric Analysis, 2020, 30, 1466-1529.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Keller's Osseman type conditions for differential inequalities with gradient terms on the Heisenberg group. <i>Journal of Differential Equations</i> , 2011, 250, 2643-2670.	2.2	18
20	Conformal Ricci solitons and related integrability conditions. <i>Advances in Geometry</i> , 2016, 16, 301-328.	0.4	18
21	Nonexistence and uniqueness of positive solutions of Yamabe type equations on nonpositively curved manifolds. <i>Transactions of the American Mathematical Society</i> , 1997, 349, 4753-4774.	0.9	16
22	Subharmonic functions on graphs. <i>Israel Journal of Mathematics</i> , 1997, 99, 1-27.	0.8	16
23	A general form of the weak maximum principle and some applications. <i>Revista Matemática Iberoamericana</i> , 2013, 29, 1437-1476.	0.9	15
24	Maximum Principles and Singular Elliptic Inequalities. <i>Journal of Functional Analysis</i> , 2002, 193, 224-260.	1.4	14
25	On some aspects of oscillation theory and geometry. <i>Memoirs of the American Mathematical Society</i> , 2012, 225, 1.	0.9	14
26	Biharmonic hypersurfaces in complete Riemannian manifolds. <i>Pacific Journal of Mathematics</i> , 2013, 263, 1-12.	0.5	14
27	Some remarks on the prescribed mean curvature equation on complete manifolds. <i>Pacific Journal of Mathematics</i> , 2002, 206, 195-217.	0.5	14
28	Scalar curvature and conformal deformations of noncompact Riemannian manifolds. <i>Mathematische Zeitschrift</i> , 1997, 225, 395-426.	0.9	13
29	A Sharp Height Estimate for Compact Hypersurfaces with Constant κ -Mean Curvature in Warped Product Spaces. <i>Proceedings of the Edinburgh Mathematical Society</i> , 2015, 58, 403-419.	0.3	13
30	Harmonic Gauss maps. <i>Pacific Journal of Mathematics</i> , 1989, 136, 261-282.	0.5	13
31	Spectral radius, index estimates for Schrödinger operators and geometric applications. <i>Journal of Functional Analysis</i> , 2009, 256, 1769-1820.	1.4	12
32	Some Remarks on the Weak Maximum Principle. <i>Revista Matemática Iberoamericana</i> , 2005, 21, 459-481.	0.9	11
33	Yamabe type equations with sign-changing nonlinearities on non-compact Riemannian manifolds. <i>Journal of Functional Analysis</i> , 2015, 268, 1-72.	1.4	11
34	Higher order mean curvature estimates for bounded complete hypersurfaces. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2013, 84, 73-83.	1.1	10
35	Holomorphic curves in the complex quadric. <i>Bulletin of the Australian Mathematical Society</i> , 1987, 35, 125-148.	0.5	9
36	ENERGY ESTIMATES AND LIOUVILLE THEOREMS FOR HARMONIC MAPS. <i>International Journal of Mathematics</i> , 2000, 11, 413-448.	0.5	9

#	ARTICLE	IF	CITATIONS
37	Yamabe type equations with a sign-changing nonlinearity, and the prescribed curvature problem. <i>Journal of Differential Equations</i> , 2016, 260, 7416-7497.	2.2	9
38	A Liouville type theorem for a general class of operators on complete manifolds. <i>Pacific Journal of Mathematics</i> , 2000, 194, 439-453.	0.5	9
39	ϵ -A priori estimates, uniqueness and existence of positive solutions of Yamabe type equations on complete manifolds. <i>Journal of Functional Analysis</i> , 2007, 245, 144-176.	1.4	8
40	A note on curvature of Riemannian manifolds. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 399, 505-513.	1.0	8
41	A note on p-subharmonic functions on complete manifolds. <i>Manuscripta Mathematica</i> , 1997, 92, 339-359.	0.6	7
42	A new open form of the weak maximum principle and geometric applications. <i>Communications in Analysis and Geometry</i> , 2016, 24, 1-43.	0.4	7
43	On the $1/H$ -flow by p-Laplace approximation: New estimates via fake distances under Ricci lower bounds. <i>American Journal of Mathematics</i> , 2022, 144, 779-849.	1.1	7
44	Conformal immersions of complete Riemannian manifolds and extensions of the Schwarz Lemma. <i>Duke Mathematical Journal</i> , 1994, 74, 223.	1.5	6
45	Weak maximum principles and geometric estimates for spacelike hypersurfaces in generalized Robertson-Walker spacetimes. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2015, 129, 119-142.	1.1	6
46	Stable maximal hypersurfaces in Lorentzian spacetimes. <i>Nonlinear Analysis: Theory, Methods & Applications</i> , 2019, 179, 354-382.	1.1	6
47	Gradient bounds for Liouville's type theorems for the Poisson equation on complete Riemannian manifolds. <i>Tohoku Mathematical Journal</i> , 1995, 47, .	0.2	6
48	Willmore submanifolds of the Möbius space and a Bernstein-type theorem. <i>Manuscripta Mathematica</i> , 1993, 81, 203-222.	0.6	5
49	Trapped submanifolds contained into a null hypersurface of de Sitter spacetime. <i>Communications in Contemporary Mathematics</i> , 2018, 20, 1750059.	1.2	5
50	Codimension two spacelike submanifolds of the Lorentz-Minkowski spacetime into the light cone. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2019, 149, 1523-1553.	1.2	5
51	Constant Mean Curvature Spacelike Hypersurfaces in Spatially Open GRW Spacetimes. <i>Journal of Geometric Analysis</i> , 2019, 29, 3293-3307.	1.0	5
52	A Schwarz-type lemma for noncompact manifolds with boundary and geometric applications. <i>Communications in Analysis and Geometry</i> , 2017, 25, 719-749.	0.4	5
53	Maximum principles at infinity on Riemannian manifolds: an overview. <i>Matematica Contemporanea</i> , 2006, 31, .	0.0	5
54	Conformal and isometric immersions of Riemannian manifolds. <i>Mathematische Zeitschrift</i> , 1987, 196, 293-300.	0.9	4

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55	On immersed compact submanifolds of Euclidean space. Proceedings of the American Mathematical Society, 1988, 102, 153-156.	0.8	4
56	A Liouville theorem for a class of superlinear elliptic equations on cones. Nonlinear Differential Equations and Applications, 2002, 9, 15-36.	0.8	4
57	Diffusion-type operators, Liouville theorems and gradient estimates on complete manifolds. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 3767-3785.	1.1	4
58	On the geometry of curves and conformal geodesics in the Möbius space. Annals of Global Analysis and Geometry, 2011, 40, 133-165.	0.6	4
59	Volume growth and p -subharmonic functions on complete manifolds. Mathematische Zeitschrift, 1998, 227, 367-375.	0.9	3
60	On the compact support principle on complete manifolds. Journal of Differential Equations, 2009, 246, 870-894.	2.2	3
61	The compact support principle for differential inequalities with gradient terms. Nonlinear Analysis: Theory, Methods & Applications, 2010, 72, 4360-4376.	1.1	3
62	Vanishing theorems, higher order mean curvatures and index estimates for self-shrinkers. Israel Journal of Mathematics, 2018, 226, 703-736.	0.8	3
63	Spacelike hypersurfaces in standard static spacetimes. General Relativity and Gravitation, 2019, 51, 1.	2.0	3
64	Recent rigidity results for graphs with prescribed mean curvature. Mathematics in Engineering, 2021, 3, 1-48.	0.9	3
65	Remarks on mean curvature flow solitons in warped products. Discrete and Continuous Dynamical Systems - Series S, 2020, 13, 1957-1991.	1.1	3
66	The Gauss map for Kählerian submanifolds of \mathbb{R}^n . Transactions of the American Mathematical Society, 1992, 332, 515-528.	0.9	3
67	The Harmonicity of the Spherical Gauss Map. Bulletin of the London Mathematical Society, 1986, 18, 609-612.	0.8	2
68	Liouville properties on graphs. Mathematika, 1997, 44, 133-148.	0.5	2
69	Erratum to "Spacelike hypersurfaces of constant higher order mean curvature in generalized Robertson-Walker spacetimes". Math. Proc. Camb. Phil. Soc. (2012), 152, 365-383. Mathematical Proceedings of the Cambridge Philosophical Society, 2013, 155, 375-377.	0.4	2
70	Lichnerowicz-type equations with sign-changing nonlinearities on complete manifolds with boundary. Journal of Differential Equations, 2017, 263, 7475-7495.	2.2	2
71	On a paper of Berestycki-Hamel-Rossi and its relations to the weak maximum principle at infinity, with applications. Revista Matemática Iberoamericana, 2018, 34, 915-936.	0.9	2
72	Harmonically immersed surfaces of \mathbb{H}^2 . Transactions of the American Mathematical Society, 1988, 307, 363-372.	0.9	2

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73	On the isotropy of compact minimal surfaces in $\mathbb{C}P^n$. <i>Mathematische Zeitschrift</i> , 1989, 200, 169-180.	0.9	1
74	Strongly subharmonic functions, graphs, and their asymptotic growth. <i>Mathematische Annalen</i> , 2005, 331, 21-39.	1.4	1
75	Higher order mean curvature estimates for properly immersed \mathbb{S}^h -bounded hypersurfaces. <i>Annali Di Matematica Pura Ed Applicata</i> , 2019, 198, 157-175.	1.0	1
76	On the geometry of \tilde{K} -curvatures. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 483, 123657.	1.0	1
77	Stability of mean curvature flow solitons in warped product spaces. <i>Revista Matematica Complutense</i> , 2022, 35, 287-309.	1.2	1
78	Correction to: "Harmonically immersed surfaces in \mathbb{R}^n " [Trans. Amer. Math. Soc. 307 (1988), no. 1, 363-372; MR0936822 (89g:53006)]. <i>Transactions of the American Mathematical Society</i> , 1989, 311, 425-425.	0.9	0
79	Spherical-type hypersurfaces in a Riemannian manifold. <i>Israel Journal of Mathematics</i> , 1990, 71, 193-209.	0.8	0
80	Erratum to "Some geometric properties of hypersurfaces with constant R -mean curvature in Euclidean space". <i>Proceedings of the American Mathematical Society</i> , 2013, 141, 2221-2223.	0.8	0
81	Applications to Hypersurfaces. <i>Springer Monographs in Mathematics</i> , 2016, , 325-383.	0.2	0
82	Hypersurfaces in Warped Products. <i>Springer Monographs in Mathematics</i> , 2016, , 385-441.	0.2	0
83	Spacelike Hypersurfaces in Lorentzian Spacetimes. <i>Springer Monographs in Mathematics</i> , 2016, , 499-552.	0.2	0
84	Complete spacelike hypersurfaces in orthogonally splitted spacetimes. <i>General Relativity and Gravitation</i> , 2017, 49, 1.	2.0	0
85	An Overview of Our Results. <i>Frontiers in Mathematics</i> , 2021, , 17-50.	0.3	0
86	The Compact Support Principle. <i>Frontiers in Mathematics</i> , 2021, , 181-224.	0.3	0
87	A splitting theorem for capillary graphs under Ricci lower bounds. <i>Journal of Functional Analysis</i> , 2021, 281, 109136.	1.4	0
88	A correction to: "Some characterizations of space-forms". <i>Transactions of the American Mathematical Society</i> , 2008, 360, 3943-3945.	0.9	0
89	A Note on Spacelike Hypersurfaces and Timelike Conformal Vectors. <i>RSME Springer Series</i> , 2020, , 135-147.	0.1	0
90	Codazzi surfaces in 4-manifolds. <i>Matematica Contemporanea</i> , 2022, 49, .	0.0	0