List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Stability of mean curvature flow solitons in warped product spaces. Revista Matematica Complutense, 2022, 35, 287-309.	1.2	1
2	The principal curvature theorem and its applications to constant mean curvature hypersurfaces in Euclidean space. Matematica Contemporanea, 2022, 49, .	0.0	0
3	A maximum principle related to volume growth and applications. Annali Di Matematica Pura Ed Applicata, 2021, 200, 1637-1650.	1.0	13
4	Mean Curvature Flow Solitons in the Presence of Conformal Vector Fields. Journal of Geometric Analysis, 2020, 30, 1466-1529.	1.0	20
5	Integral Inequalities for Compact Hypersurfaces with Constant Scalar Curvature in the Euclidean Sphere. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	9
6	Spacelike Hypersurfaces in Conformally Stationary Spacetimes. RSME Springer Series, 2020, , 161-174.	0.1	0
7	Codimension two spacelike submanifolds of the Lorentz-Minkowski spacetime into the light cone. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2019, 149, 1523-1553.	1.2	5
8	A maximum principle at infinity with applications to geometric vector fields. Journal of Mathematical Analysis and Applications, 2019, 474, 242-247.	1.0	22
9	A New Approach to Minimal and Maximal Hypersurfaces in Product Spaces. Results in Mathematics, 2019, 74, 1.	0.8	2
10	Remarks on hypersurfaces with constant higher order mean curvature in Euclidean space. Geometriae Dedicata, 2019, 199, 273-280.	0.3	6
11	Hypersurfaces with constant scalar curvature in space forms. Differential Geometry and Its Applications, 2018, 58, 65-82.	0.5	6
12	Characterizations of Spacelike Submanifolds with Constant Scalar Curvature in the de Sitter Space. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.8	7
13	Trapped submanifolds contained into a null hypersurface of de Sitter spacetime. Communications in Contemporary Mathematics, 2018, 20, 1750059.	1.2	5
14	Marginally trapped submanifolds in generalized Robertson–Walker spacetimes. General Relativity and Gravitation, 2017, 49, 1.	2.0	7
15	On the scarcity of non-totally geodesic complete spacelike hypersurfaces of constant mean curvature in a Lie group with bi-invariant Lorentzian metric. Differential Geometry and Its Applications, 2017, 51, 49-64.	0.5	1
16	Rigidity of linear Weingarten hypersurfaces in locally symmetric manifolds. Mathematische Nachrichten, 2016, 289, 1309-1324.	0.8	7
17	Geometric analysis of the Lorentzian distance function on trapped submanifolds. Classical and Quantum Gravity, 2016, 33, 125007.	4.0	3
18	Hypersurfaces with constant higher order mean curvature in Euclidean space. Geometriae Dedicata, 2016, 182, 117-131.	0.3	8

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19	Miscellany Results for Submanifolds. Springer Monographs in Mathematics, 2016, , 271-324.	0.2	0
20	Applications to Hypersurfaces. Springer Monographs in Mathematics, 2016, , 325-383.	0.2	0
21	Hypersurfaces in Warped Products. Springer Monographs in Mathematics, 2016, , 385-441.	0.2	0
22	Spacelike Hypersurfaces in Lorentzian Spacetimes. Springer Monographs in Mathematics, 2016, , 499-552.	0.2	0
23	Maximum Principles and Geometric Applications. Springer Monographs in Mathematics, 2016, , .	0.2	94
24	A new open form of the weak maximum principle and geometric applications. Communications in Analysis and Geometry, 2016, 24, 1-43.	0.4	7
25	Weak maximum principles and geometric estimates for spacelike hypersurfaces in generalized Robertson–Walker spacetimes. Nonlinear Analysis: Theory, Methods & Applications, 2015, 129, 119-142.	1.1	6
26	Uniqueness of entire graphs in warped products. Journal of Mathematical Analysis and Applications, 2015, 430, 60-75.	1.0	11
27	On the First Stability Eigenvalue of Constant Mean Curvature Surfaces Into Homogeneous 3-Manifolds. Mediterranean Journal of Mathematics, 2015, 12, 147-158.	0.8	7
28	Hypersurfaces of constant higher order mean curvature in warped products. Transactions of the American Mathematical Society, 2013, 365, 591-621.	0.9	44
29	On the rigidity of complete spacelike hypersurfaces immersed in a generalized Robertson-Walker spacetime. Bulletin of the Brazilian Mathematical Society, 2013, 44, 195-217.	0.8	9
30	Existence and Topological Uniqueness of Compact CMC Hypersurfaces with Boundary in Hyperbolic Space. Journal of Geometric Analysis, 2013, 23, 2177-2187.	1.0	2
31	Bifurcation of Constant Mean Curvature Tori in Euclidean Spheres. Journal of Geometric Analysis, 2013, 23, 677-708.	1.0	12
32	Higher order mean curvature estimates for bounded complete hypersurfaces. Nonlinear Analysis: Theory, Methods & Applications, 2013, 84, 73-83.	1.1	10
33	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
34	Biharmonic hypersurfaces in complete Riemannian manifolds. Pacific Journal of Mathematics, 2013, 263, 1-12.	0.5	14
35	A general form of the weak maximum principle and some applications. Revista Matematica Iberoamericana, 2013, 29, 1437-1476.	0.9	15
36	An estimate for the sectional curvature of cylindrically bounded submanifolds. Transactions of the American Mathematical Society, 2012, 364, 3513-3528.	0.9	9

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37	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
38	Generalized Weierstrass representation for surfaces in Heisenberg spaces. Differential Geometry and Its Applications, 2012, 30, 1-12.	0.5	0
39	An estimate for the scalar curvature of constant mean curvature hypersurfaces in space forms. Geometriae Dedicata, 2012, 156, 31-47.	0.3	12
40	A maximum principle for hypersurfaces with constant scalar curvature and applications. Annals of Global Analysis and Geometry, 2012, 41, 307-320.	0.6	31
41	Calabi–Bernstein Results and Parabolicity of Maximal Surfaces in Lorentzian Product Spaces. Springer Proceedings in Mathematics and Statistics, 2012, , 49-85.	0.2	0
42	On the manifold structure of the set of unparameterized embeddings with low regularity. Bulletin of the Brazilian Mathematical Society, 2011, 42, 171-183.	0.8	7
43	Curvature Estimates for Submanifolds in Warped Products. Results in Mathematics, 2011, 60, 265-286.	0.8	3
44	Parabolicity of maximal surfaces in Lorentzian product spaces. Mathematische Zeitschrift, 2011, 267, 453-464.	0.9	15
45	HYPERSURFACES IN SPACE FORMS SATISFYING THE CONDITION \$L_k x = Ax + b\$. Taiwanese Journal of Mathematics, 2010, 14, .	0.4	8
46	On the scalar curvature of constant mean curvature hypersurfaces in space forms. Journal of Mathematical Analysis and Applications, 2010, 363, 579-587.	1.0	28
47	On the scalar curvature of hypersurfaces in spaces with a Killing field. Advances in Geometry, 2010, 10, 487-503.	0.4	4
48	Geometric analysis of Lorentzian distance function on spacelike hypersurfaces. Transactions of the American Mathematical Society, 2010, 362, 5083-5083.	0.9	8
49	Comparison theory of Lorentzian distance with applications to spacelike hypersurfaces. , 2009, , .		7
50	A Hilbert-type theorem for spacelike surfaces with constant Gaussian curvature in â"⊋ × â"┨. Bulletin of the Brazilian Mathematical Society, 2009, 40, 465-478.	0.8	3
51	The mean curvature of cylindrically bounded submanifolds. Mathematische Annalen, 2009, 345, 367-376.	1.4	25
52	Calabi–Bernstein results for maximal surfaces in Lorentzian product spaces. Journal of Geometry and Physics, 2009, 59, 620-631.	1.4	47
53	Constant mean curvature graphs in a class of warped product spaces. Geometriae Dedicata, 2008, 131, 173-179.	0.3	7
54	A Characterization of Quadric Constant Mean Curvature Hypersurfaces of Spheres. Journal of Geometric Analysis, 2008, 18, 687.	1.0	12

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55	Spacelike hypersurfaces with constant mean curvature in the steady state space. Proceedings of the American Mathematical Society, 2008, 137, 711-721.	0.8	32
56	A local estimate for maximal surfaces in Lorentzian product spaces. Matematica Contemporanea, 2008, 34, .	0.0	0
57	CONSTANT MEAN CURVATURE HYPERSURFACES IN WARPED PRODUCT SPACES. Proceedings of the Edinburgh Mathematical Society, 2007, 50, 511-526.	0.3	45
58	Uniqueness of spacelike hypersurfaces with constant higher order mean curvature in generalized Robertson–Walker spacetimes. Mathematical Proceedings of the Cambridge Philosophical Society, 2007, 143, 703-729.	0.4	80
59	An extension of Takahashi theorem for the linearized operators of the higher order mean curvatures. Geometriae Dedicata, 2007, 121, 113-127.	0.3	48
60	A Bernstein-type theorem for Riemannian manifolds with a Killing field. Annals of Global Analysis and Geometry, 2007, 31, 363-373.	0.6	40
61	The Dirichlet problem for constant mean curvature surfaces in Heisenberg space. Calculus of Variations and Partial Differential Equations, 2007, 30, 513-522.	1.7	9
62	On the stability index of hypersurfaces with constant mean curvature in spheres. Proceedings of the American Mathematical Society, 2007, 135, 3685-3694.	0.8	15
63	Hadamard-type theorems for hypersurfaces in hyperbolic spaces. Differential Geometry and Its Applications, 2006, 24, 492-502.	0.5	13
64	Stable constant mean curvature hypersurfaces in the real projective space. Manuscripta Mathematica, 2006, 121, 329-338.	0.6	3
65	CONSTANT HIGHER-ORDER MEAN CURVATURE HYPERSURFACES IN RIEMANNIAN SPACES. Journal of the Institute of Mathematics of Jussieu, 2006, 5, 527.	0.7	44
66	A Further Characterization Of Ellipsoids. Resultate Der Mathematik, 2005, 48, 1-8.	0.2	1
67	A New Proof of Liebmann Classical Rigidity Theorem for Surfaces in Space Forms. Rocky Mountain Journal of Mathematics, 2005, 35, .	0.4	15
68	Hypersurfaces with constant mean curvature and two principal curvatures in <img <br="" id="_x0000_i1025"/> src="////img/revistas/aabc/v76n3/a03img01.gif" align=absbottom>n+1. Anais Da Academia Brasileira De Ciencias, 2004, 76, 489-497.	0.8	10
69	A characterization of Clifford tori with constant scalar curvature one by the first stability eigenvalue. Bulletin of the Brazilian Mathematical Society, 2004, 35, 165-175.	0.8	4
70	A spectral characterization of the \$H(r)\$-torus by the first stability eigenvalue. Proceedings of the American Mathematical Society, 2004, 133, 875-884.	0.8	19
71	On the first eigenvalue of the linearized operator of the higher order mean curvature for closed hypersurfaces in space forms. Illinois Journal of Mathematics, 2004, 48, .	0.1	18
72	Björling problem for maximal surfaces in Lorentz–Minkowski space. Mathematical Proceedings of the Cambridge Philosophical Society, 2003, 134, 289-316.	0.4	43

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73	INTEGRAL FORMULAE FOR SPACELIKE HYPERSURFACES IN CONFORMALLY STATIONARY SPACETIMES AND APPLICATIONS. Proceedings of the Edinburgh Mathematical Society, 2003, 46, 465-488.	0.3	64
74	An integral formula for compact hypersurfaces in space forms and its applications. Journal of the Australian Mathematical Society, 2003, 74, 239-248.	0.4	1
75	HYPERSURFACES WITH CONSTANT HIGHER ORDER MEAN CURVATURE IN EUCLIDEAN SPACE. , 2002, , .		0
76	A Schwarz-type formula for minimal surfaces in Euclidean space. Comptes Rendus Mathematique, 2002, 334, 389-394.	0.3	8
77	Spacelike hypersurfaces with constant higher order mean curvature in Minkowski space–time. Journal of Geometry and Physics, 2002, 41, 359-375.	1.4	9
78	Addendum to "Spacelike hypersurfaces with constant higher order mean curvature in the Minkowski space–time― Journal of Geometry and Physics, 2002, 41, 376-379.	1.4	1
79	On the volume and the Gauss map image of spacelike hypersurfaces in de Sitter space. Proceedings of the American Mathematical Society, 2002, 130, 1145-1151.	0.8	15
80	UNIQUENESS OF SPACELIKE HYPERSURFACES WITH CONSTANT MEAN CURVATURE IN GENERALIZED ROBERTSON-WALKER SPACETIMES. , 2002, , .		10
81	A duality result between the minimal surface equation and the maximal surface equation. Anais Da Academia Brasileira De Ciencias, 2001, 73, 161-164.	0.8	18
82	On the area of constant mean curvature discs and annuli with circular boundaries. Mathematische Zeitschrift, 2001, 237, 585-599.	0.9	1
83	Remarks on compact spacelike hypersurfaces in de Sitter space with constant higher order mean curvature. Journal of Geometry and Physics, 2001, 39, 46-50.	1.4	4
84	Curvature properties of compact spacelike hypersurfaces in de Sitter space. Differential Geometry and Its Applications, 2001, 14, 137-149.	0.5	5
85	ON THE GAUSSIAN CURVATURE OF MAXIMAL SURFACES AND THE CALABI–BERNSTEIN THEOREM. Bulletin of the London Mathematical Society, 2001, 33, 454-458.	0.8	34
86	On the Curvatures of Complete Spacelike Hypersurfaces in de Sitter Space. Geometriae Dedicata, 2000, 80, 51-58.	0.3	5
87	Spacelike Hypersurfaces with Constant Scalar Curvature in the Lorentz–Minkowski Space. Annals of Global Analysis and Geometry, 2000, 18, 75-84.	0.6	5
88	On the curvatures of bounded complete spacelike hypersurfaces in the Lorentz-Minkowski space. Manuscripta Mathematica, 2000, 101, 401-413.	0.6	24
89	Stable constant mean curvature surfaces with circular boundary. Proceedings of the American Mathematical Society, 1999, 127, 1195-1200.	0.8	20
90	Spacelike surfaces of constant mean curvature with free boundary in the Minkowski space. Classical and Quantum Gravity, 1999, 16, 1323-1331.	4.0	10

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91	Integral formulas for compact space-like hypersurfaces in de Sitter space: Applications to the case of constant higher order mean curvature. Journal of Geometry and Physics, 1999, 31, 195-208.	1.4	39
92	On the Ricci Curvature of Compact Spacelike Hypersurfaces in de Sitter Space. Geometriae Dedicata, 1999, 77, 297-304.	0.3	6
93	Zero mean curvature surfaces with non–negative curvature in flat Lorentzian 4–spaces. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 1999, 455, 631-636.	2.1	16
94	Constant mean curvature spacelike hypersurfaces with spherical boundary in the Lorentz-Minkowski space. Journal of Geometry and Physics, 1998, 28, 85-93.	1.4	21
95	Compact spacelike surfaces with constant mean curvature in the Lorentz-Minkowski \$3\$-space. Tohoku Mathematical Journal, 1998, 50, 491.	0.2	14
96	Curvature properties of zero mean curvature surfaces in four-dimensional Lorentzian space forms. Mathematical Proceedings of the Cambridge Philosophical Society, 1998, 124, 315-327.	0.4	16
97	Deformations of stationary surfaces. Classical and Quantum Gravity, 1997, 14, 2107-2111.	4.0	11
98	Spacelike submanifolds with parallel mean curvature in pseudo-Riemannian space forms. Tsukuba Journal of Mathematics, 1997, 21, 169.	0.1	12
99	Clay minerals and soil fertility loss on Petric Calcisol under a semiarid Mediterranean environment. Soil and Tillage Research, 1997, 10, 9-19.	0.4	11
100	Spacelike hypersurfaces of constant mean curvature and Calabi-Bernstein type problems. Tohoku Mathematical Journal, 1997, 49, 337.	0.2	63
101	Spacelike hypersurfaces of constant mean curvature in certain spacetimes. Nonlinear Analysis: Theory, Methods & Applications, 1997, 30, 655-661.	1.1	44
102	On the Gaussian curvature of maximal surfaces in n -dimensional generalized Robertson - Walker spacetimes. Classical and Quantum Gravity, 1996, 13, 3211-3219.	4.0	14
103	Integral formulas for compact spaceliken-submanifolds in de Sitter spaces applications to the parallel mean curvature vector case. Manuscripta Mathematica, 1995, 87, 405-416.	0.6	23
104	Uniqueness of complete spacelike hypersurfaces of constant mean curvature in generalized Robertson-Walker spacetimes. General Relativity and Gravitation, 1995, 27, 71-84.	2.0	223
105	An integral inequality for compact maximal surfaces inn-dimensional de Sitter space and its applications. Annals of Global Analysis and Geometry, 1995, 13, 3-8.	0.6	3
106	Hypersurfaces in space forms satisfying the condition Δ?=??+?. Transactions of the American Mathematical Society, 1995, 347, 1793-1801.	0.9	7
107	Hypersurfaces in Space Forms Satisfying the Condition Δx = Ax + B. Transactions of the American Mathematical Society, 1995, 347, 1793.	0.9	5
108	Submanifolds in pseudo-Euclidean spaces satisfying the condition Δx=Ax+B. Geometriae Dedicata, 1992, 42, 345-354.	0.3	18