Harold Rosenberg

List of Publications by Year
in descending order

61 papers	1,638 citations	218677 26 h-index	302126 39 g-index
61 all docs	61 docs citations	61 times ranked	276 citing authors

#	Article	IF	Citations
1	Entire constant mean curvature graphs in â„Ã— â„ Pacific Journal of Mathematics, 2022, 316, 307-333.	0.5	0
2	Minimal surfaces near short geodesics in hyperbolic 3-manifolds. Advances in Mathematics, 2020, 372, 107285.	1.1	0
3	Corrigendum to â€œMinimal surfaces in finite volume noncompact hyperbolic 3-manifoldsâ€ Transactions of the American Mathematical Society, 2019, 372, 7521-7524.	0.9	4
4	Minimal surfaces in finite volume noncompact hyperbolic 3-manifolds. Transactions of the American Mathematical Society, 2017, 369, 4293-4309.	0.9	14
5	Surfaces with parallel mean curvature in â„â„™Ã—â„and â„â„Ã—â„ Transactions of the American Mathematical Society, 2014, 366, 75-94.	0.9	9
6	Biharmonic Submanifolds with Parallel Mean Curvature in $mathbb{S}^{n}imesmathbb{R}$. Journal of Geometric Analysis, 2013, 23, 2158-2176.	1.0	21
7	On complete submanifolds with parallel mean curvature in product spaces. Revista Matematica Iberoamericana, 2013, 29, 1283-1306.	0.9	10
8	Surfaces with parallel mean curvature in S3 x R and H3 x R. Michigan Mathematical Journal, 2012, 61, .	0.4	12
9	When strictly locally convex hypersurfaces are embedded. Mathematische Zeitschrift, 2012, 271, 1075-1090.	0.9	6
10	The Dirichlet Problem for constant mean curvature graphs in ? Ã— â„ Geometry and Topology, 2012, 16, 1171-1203.	1.3	6
11	A Note on surfaces with parallel mean curvature. Comptes Rendus Mathematique, 2011, 349, 1195-1197.	0.3	4
12	A Colding-Minicozzi stability inequality and its applications. Transactions of the American Mathematical Society, 2011, 363, 2447-2447.	0.9	9
13	Fatou's Theorem and minimal graphs. Journal Des Mathematiques Pures Et Appliquees, 2010, 93, 436-448.	1.6	0
14	Minimal surfaces and harmonic diffeomorphisms from the complex plane onto certain Hadamard surfaces. American Journal of Mathematics, 2010, 132, 1249-1273.	1.1	29
15	Construction of harmonic diffeomorphisms and minimal graphs. Annals of Mathematics, 2010, 172, 1879-1906.	4.2	60
16	General curvature estimates for stable H-surfaces in 3-manifolds applications. Journal of Differential Geometry, 2010, 84, .	1.1	51
17	Remarks on surfaces of large mean curvature. Comptes Rendus Mathematique, 2009, 347, 183-184.	0.3	1
18	Removable singularities for sections of Riemannian submersions of prescribed mean curvature. Bulletin Des Sciences Mathematiques, 2009, 133, 445-452.	1.0	15

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19	Infinite boundary value problems for constant mean curvature graphs in â„•2 Ã— â„•and S 2 Ã— â„• American Journal of Mathematics, 2009, 131, 195-226.	1.1	20
20	Complete surfaces with positive extrinsic curvature in product spaces. Commentarii Mathematici Helvetici, 2009, 84, 351-386.	0.7	42
21	On complete mean curvature $rac{1}{2}$ surfaces in $HY ^2 imes R$. Communications in Analysis and Geometry, 2008, 16, 989-1005.	0.4	24
22	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
23	The minimal lamination closure theorem. Duke Mathematical Journal, 2006, 133, 467.	1.5	36
24	Simply connected constant mean curvature surfaces in H2 x R. Michigan Mathematical Journal, 2006, 54, 537.	0.4	13
25	Constant mean curvature surfaces in homogeneously regular 3-manifolds. Bulletin of the Australian Mathematical Society, 2006, 74, 227-238.	0.5	26
26	Global properties of constant mean curvature surfaces in â„2Ã— â„• Pacific Journal of Mathematics, 2006, 226, 137-152.	0.5	26
27	Embedded positive constant r-mean curvature hypersurfaces in Mm Ã— R. Anais Da Academia Brasileira De Ciencias, 2005, 77, 183-199.	0.8	32
28	Constant mean curvature surfaces in $M^2imes mathbf {R}$. Transactions of the American Mathematical Society, 2005, 358, 491-507.	0.9	35
29	The uniqueness of the helicoid. Annals of Mathematics, 2005, 161, 727-758.	4.2	90
30	The theory of minimal surfaces in $M imes mathbb{R}$. Commentarii Mathematici Helvetici, 2005, 80, 811-858.	0.7	34
31	A Hopf differential for constant mean curvature surfaces in S2Ã—R and H2Ã—R. Acta Mathematica, 2004, 193, 141-174.	3.9	143
32	Bryant Surfaces. Lecture Notes in Mathematics, 2002, , 67-111.	0.2	6
33	â€œMinimal Surfaces in â„2 Ã— â„â€• Bulletin of the Brazilian Mathematical Society, 2002, 33, 263-292.	0.8	85
34	Minimal surfaces in ${Bbb M}sp 2imesBbb R$. Illinois Journal of Mathematics, 2002, 46, .	0.1	65
35	The Geometry of Finite Topology Bryant Surfaces. Annals of Mathematics, 2001, 153, 623.	4.2	34
36	Half-space theorems for mean curvature one surfaces in hyperbolic space. Proceedings of the American Mathematical Society, 1998, 126, 2755-2762.	0.8	19

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37	Some remarks on complete simply connected minimal surfaces meeting the planes x3 = Constant Transversally. Journal of Geometric Analysis, 1997, 7, 329-342.	1.0	7
38	Fenchel type theorems for submanifolds of S n. Commentarii Mathematici Helvetici, 1996, 71, 594-616.	0.7	2
39	Constant mean curvature surfaces in a half-space of $mathbf{R}^3$ with boundary in the boundary of the half-space. Journal of Differential Geometry, 1996, 44, .	1.1	22
40	Some remarks on embedded hypersurfaces in hyperbolic space of constant curvature and spherical boundary. Annals of Global Analysis and Geometry, 1995, 13, 23-30.	0.6	9
41	Minimal surfaces of finite type. Bulletin De La Societe Mathematique De France, 1995, 123, 351-359.	0.2	10
42	The geometry of properly embedded special surfaces in R3; e.g., surfaces satisfying aH+bK=1, where a and b are positive. Duke Mathematical Journal, 1994, 73, 291.	1.5	38
43	On the existence of convex hypersurfaces of constant Gauss curvature in hyperbolic space. Journal of Differential Geometry, 1994, 40, 379.	1.1	19
44	The geometry and conformal structure of properly embedded minimal surfaces of finite topology in â„3. Inventiones Mathematicae, 1993, 114, 625-639.	2.5	29
45	The geometry of periodic minimal surfaces. Commentarii Mathematici Helvetici, 1993, 68, 538-578.	0.7	60
46	Boundary value problems for surfaces of constant Gauss Curvature. Communications on Pure and Applied Mathematics, 1992, 45, 1051-1062.	3.1	31
47	Embedded minimal annuli inR 3 bounded by a pair of straight lines. Commentarii Mathematici Helvetici, 1991, 66, 599-617.	0.7	21
48	Some Structure Theorems for Complete constant Mean Curvature Surfaces with Boundary a Convex Curve. Proceedings of the American Mathematical Society, 1991, 113, 1045.	0.8	4
49	Some structure theorems for complete constant mean curvature surfaces with boundary a convex curve. Proceedings of the American Mathematical Society, 1991, 113, 1045-1045.	0.8	2
50	Title is missing!. Indiana University Mathematics Journal, 1991, 40, 333.	0.9	38
51	The maximum principle at infinity for minimal surfaces in flat three manifolds. Commentarii Mathematici Helvetici, 1990, 65, 255-270.	0.7	34
52	The global theory of doubly periodic minimal surfaces. Inventiones Mathematicae, 1989, 97, 351-379.	2.5	54
53	A maximum principle at infinity for minimal surfaces and applications. Duke Mathematical Journal, 1988, 57, 819.	1.5	35
54	Complete minimal surfaces and minimal herissons. Journal of Differential Geometry, 1988, 28, .	1.1	25

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55	Herissons et multiherissons (enveloppes parametrÃ©es par leur application de Gauss). Banach Center Publications, 1987, 20, 245-253.	0.1	19
56	Symmetry of constant mean curvature hypersurfaces in hyperbolic space. Duke Mathematical Journal, 1985, 52, 53.	1.5	21
57	Integrable perturbations of fibrations and a theorem of seifert. , 1978, , 122-127.		7
58	On stability of compact leaves and fibrations. Topology, 1977, 16, 107-111.	0.3	32
59	On curvature integrals and knots. Topology, 1976, 15, 405-416.	0.3	28
60	Topological equivalence of Reeb foliations. Topology, 1970, 9, 231-242.	0.3	22
61	Foliations by planes. Topology, 1968, 7, 131-138.	0.3	79