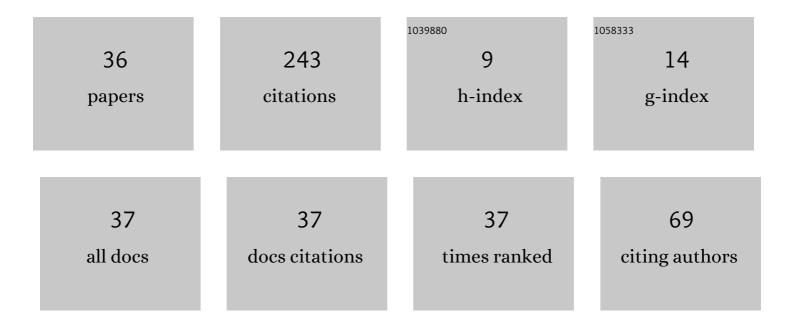
## **Glen Wheeler**

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Convergence for global curve diffusion flows. Mathematics in Engineering, 2022, 4, 1-13.	0.5	1
2	High order curvature flows of plane curves with generalised Neumann boundary conditions. Advances in Calculus of Variations, 2022, 15, 497-513.	0.7	1
3	On an inverse curvature flow in two-dimensional space forms. Mathematische Annalen, 2022, 384, 1-24.	0.7	3
4	A gradient flow for the p-elastic energy defined on closed planar curves. Mathematische Annalen, 2020, 378, 777-828.	0.7	6
5	A rigidity theorem for ideal surfaces with flat boundary. Annals of Global Analysis and Geometry, 2020, 57, 1-13.	0.3	0
6	Closed ideal planar curves. Geometry and Topology, 2020, 24, 1019-1049.	0.5	3
7	Mean curvature flow with free boundary – Type 2 singularities. Mathematische Nachrichten, 2020, 293, 794-813.	0.4	0
8	A sixth order flow of plane curves with boundary conditions. Tohoku Mathematical Journal, 2020, 72,	0.4	2
9	On a curvature flow model for embryonic epidermal wound healing. Nonlinear Analysis: Theory, Methods & Applications, 2019, 189, 111581.	0.6	1
10	Minimal hypersurfaces in the ball with free boundary. Differential Geometry and Its Applications, 2019, 62, 120-127.	0.2	4
11	A mixed finite element method for a sixth-order elliptic problem. IMA Journal of Numerical Analysis, 2019, 39, 374-397.	1.5	6
12	The anisotropic polyharmonic curve flow for closed plane curves. Calculus of Variations and Partial Differential Equations, 2019, 58, 1.	0.9	4
13	Evolution of closed curves by length-constrained curve diffusion. Proceedings of the American Mathematical Society, 2019, 147, 3493-3506.	0.4	4
14	A Sixth Order Curvature Flow of Plane Curves with Boundary Conditions. MATRIX Book Series, 2019, , 213-221.	0.2	3
15	Rigidity and stability of spheres in the Helfrich model. Interfaces and Free Boundaries, 2018, 19, 495-523.	0.2	5
16	Mean curvature flow with free boundary outside a hypersphere. Transactions of the American Mathematical Society, 2017, 369, 8319-8342.	0.5	3
17	Curvature contraction of convex hypersurfaces by nonsmooth speeds. Journal Fur Die Reine Und Angewandte Mathematik, 2017, 2017, 169-190.	0.4	0
18	The geometric triharmonic heat flow of immersed surfaces near spheres. Nonlinear Analysis: Theory, Methods & Applications, 2017, 161, 44-86.	0.6	10

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#	Article	IF	CITATIONS
19	Solitons for the inverse mean curvature flow. Pacific Journal of Mathematics, 2016, 284, 309-326.	0.2	16
20	The polyharmonic heat flow of closed plane curves. Journal of Mathematical Analysis and Applications, 2016, 439, 608-633.	0.5	10
21	The Shrinking Figure Eight and Other Solitons for the Curve Diffusion Flow. , 2016, , 191-211.		1
22	Finite time singularities for the locally constrained Willmore flow of surfaces. Communications in Analysis and Geometry, 2016, 24, 843-886.	0.2	9
23	Global analysis of the generalised Helfrich flow of closed curves immersed in â"âz. Transactions of the American Mathematical Society, 2015, 367, 2263-2300.	0.5	11
24	The Shrinking Figure Eight and Other Solitons for the Curve Diffusion Flow. Journal of Elasticity, 2015, 119, 191-211.	0.9	7
25	Gap phenomena for a class of fourth-order geometric differential operators on surfaces with boundary. Proceedings of the American Mathematical Society, 2014, 143, 1719-1737.	0.4	7
26	Some local estimates and a uniqueness result for the entire biharmonic heat equation. Advances in Calculus of Variations, 2014, .	0.7	1
27	A classification theorem for Helfrich surfaces. Mathematische Annalen, 2013, 357, 1485-1508.	0.7	18
28	Unstable Willmore surfaces of revolution subject to natural boundary conditions. Calculus of Variations and Partial Differential Equations, 2013, 48, 293-313.	0.9	17
29	On the curve diffusion flow of closed plane curves. Annali Di Matematica Pura Ed Applicata, 2013, 192, 931-950.	0.5	19
30	CHEN'S CONJECTURE AND ε-SUPERBIHARMONIC SUBMANIFOLDS OF RIEMANNIAN MANIFOLDS. International Journal of Mathematics, 2013, 24, 1350028.	0.2	9
31	Surface diffusion flow near spheres. Calculus of Variations and Partial Differential Equations, 2012, 44, 131-151.	0.9	24
32	Lifespan theorem for constrained surface diffusion flows. Mathematische Zeitschrift, 2011, 269, 147-178.	0.4	15
33	Lifespan Theorem for simple constrained surface diffusion flows. Journal of Mathematical Analysis and Applications, 2011, 375, 685-698.	0.5	12
34	FOURTH ORDER GEOMETRIC EVOLUTION EQUATIONS. Bulletin of the Australian Mathematical Society, 2010, 82, 523-524.	0.3	6
35	On binary reflected Gray codes and functions. Discrete Mathematics, 2008, 308, 1690-1700.	0.4	2
36	Weighted Segmented Digital Watermarking. Lecture Notes in Computer Science, 2005, , 89-100.	1.0	3