

## Publication List

- (1) J. Chen, Y. Li, Q. Wu: *Prescribing positive curvature with conical singularities on  $\mathbb{S}^2$* , arXiv:2408.12201 (2024)
- (2) J. Chen, Y. Li, Q. Wu: *Prescribing negative curvature with cusps and conical singularities on compact surface*, arXiv:2408.12195 (2024)
- (3) J. Chen, M. Warren: *A geometric flow towards Hamiltonian stationary Lagrangian submanifolds*, arXiv:2403.13997 (2024)
- (4) J. Chen, Y. Li: *Uniform Convergence of Metrics on Alexandrov Surfaces with Bounded Integral Curvature*, arXiv:2208.05620 (2022)
- (5) J. Chen, J. M.-S. Ma: *Compactness of Hamiltonian stationary Lagrangian submanifolds in symplectic manifolds*, Trans. Amer. Math. Soc. **377** (2024), 6151-6170
- (6) J. Chen, M. Warren: *Compactification of the space of Hamiltonian stationary Lagrangian submanifolds with bounded total extrinsic curvature and volume*, J. Differential Geometry **126**(1): 65-97 (2024).
- (7) J. Chen, R. Shankar, Y. Yuan: *Regularity for convex viscosity solutions to special Lagrangian equation*, Comm. Pure Appl. Math. **76** (2023), no. 12, 4075-4086
- (8) A. Bhattacharya, J. Chen, M. Warren: *Regularity of Hamiltonian stationary equations in symplectic manifolds*, Advances in Mathematics **424** (2023), Paper No. 109059, 32 pp.
- (9) J. Chen: *Regularity of critical points of the volume functional for Lagrangian submanifolds*, J. Geom. Anal. **32** (2022), no. 12, Paper No. 289, 15 pp
- (10) J. Chen, L.D. Huang: *On Stability of the fibres of Hopf surfaces as harmonic maps and minimal surfaces*, Trans. Amer. Math. Soc. **374**, no.12, (2021), 8661-8690
- (11) J. Chen, J. M.-S. Ma: *On the compactness of Hamiltonian stationary Lagrangian surfaces in Kähler surfaces*, Calc. Var. Partial Differential Equations **60** (2021), no.2
- (12) J. Chen, J. M.-S. Ma: *Geometry of Lagrangian self-shrinking tori and applications to the Piecewise Lagrangian Mean Curvature Flow*, American Journal of Mathematics **143** (2021), no.1, 227-264
- (13) J. Chen, M. Warren: *On the regularity of Hamiltonian stationary Lagrangian submanifolds*, Adv. Math, **343** (2019), 319-352
- (14) J. Chen, J. M.-S. Ma: *The space of compact self-shrinking solutions to the Lagrangian mean curvature flow in  $C^2$* , J. Reine Angew. Math. (Crelles Journal), **743** (2018), 229-244
- (15) J. Chen, Y. Yuan: *Hamiltonian stationary cones with isotropic links*, Pacific J. Math. **295** (2018), 317-327
- (16) J. Chen, M. Warren: *Radial solutions of a fourth order Hamiltonian stationary equation*, J. Differential Equations, **265** (2018), 1576-1595
- (17) J. Chen, Y. Li: *Extendability of Conformal Structures on Punctured Surfaces*, IMRN, (2017), 1-29
- (18) J. Chen, Y. Li: *Radially symmetric solutions to the graphic Willmore surface equations*, J. Geom. Anal. **27** (2017), 671-688
- (19) J. Chen, Y. Wang: *Liouville type theorems for the  $p$ -harmonic functions on certain manifolds*, Pacific J. Math. **286** (2016), 313-327
- (20) J. Chen, A. Fraser, C. Pang, *Minimal immersions of bordered Riemann surfaces with free boundary*, Trans. Amer. Math. Soc. **367** (2015), 2487-2507
- (21) J. Chen, Y. Li: *Bubble tree of branched immersions and applications to the Willmore functional*, Amer. J. Math. **136** (2014), 1107-1154
- (22) J. Chen, Y. Li: *Homotopy classes of harmonic maps of the stratified 2-spheres and applications to geometric flows*, Adv. Math. **263** (2014), 357-388
- (23) J. Chen: *The Willmore functional of surfaces*, Appl Math J. Chinese Univ. (2013) **28** (4): 485-493
- (24) J. Chen, J. Li: *Detecting quaternionic maps between hyperkahler manifolds*, Commun. Math. Stat. (2013) **1**: 305-314
- (25) A. Chau, J. Chen, Y. Yuan: *Lagrangian mean curvature flow for entire Lipschitz graphs II*, Math. Annalen (2013) **357**: 165-183
- (26) J. Chen, T. Lamm: *A Bernstein Type Theorem for Entire Willmore Graphs*, J. Geom. Anal., **23** (2013), no.1, 456-469
- (27) A. Chau, J. Chen, W. He: *Lagrangian mean curvature flow for entire Lipschitz graphs*, Calc. Var. and Partial Differential Equations, **44** (2012), 199-220

- (28) A. Chau, J. Chen, Y. Yuan: *Rigidity of entire self-similar solutions to curvature flows*, J. Reine. Angew. Math. (Crelles Journal), **664** (2012), 229-239
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- (30) J. Chen, W. He: *A note on singular time of mean curvature flow*, Math. Z., **266** (2010), 921-931
- (31) J. Chen, A. Fraser: *On stable minimal disks in manifolds with nonnegative isotropic curvature*, J. Reine. Angew. Math. (Crelles Journal) **643** (2010), 21-37
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- (34) J. Chen, C. Pang: *Uniqueness of unbounded solutions of the Lagrangian mean curvature flow for graphs*, C. R. Math. Acad. Sci. Paris, Ser. I, **347** (2009), 1031-1034
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