

# Publications for Zhou Zhang

## 2016

Zhang, Z. (2016). General weak limit for Kahler-Ricci flow. *Communications in Contemporary Mathematics*, 18(5), 1-21. <a href="http://dx.doi.org/10.1142/S0219199715500790">[More Information]</a>

Lott, J., Zhang, Z. (2016). Ricci flow on quasiprojective manifolds II. *Journal of the European Mathematical Society*, 18(8), 1813-1854. <a href="http://dx.doi.org/10.4171/JEMS/630">[More Information]</a>

## 2015

Zhang, Z. (2015). Globally existing Kahler-Ricci flows. *Revue Roumaine de Mathematiques Pures et Appliquees*, 60(4), 551-560.

Fong, F., Zhang, Z. (2015). The collapsing rate of the Kahler-Ricci flow with regular infinite time singularity. *Journal fuer die Reine und Angewandte Mathematik (Crelle's journal)*, 703, 95-113. <a href="http://dx.doi.org/10.1515/crelle-2013-0043">[More Information]</a>

## 2014

Zhang, Z. (2014). Convergence results for two Kahler-Ricci flows. *International Journal of Mathematics and Mathematical Sciences*, 25(9), 1-9. <a href="http://dx.doi.org/10.1142/S0129167X14500840">[More Information]</a>

Zhang, Z. (2014). Kähler-Ricci flow with degenerate initial class. *Transactions of the American Mathematical Society*, 366(7), 3389-3403. <a href="http://dx.doi.org/10.1090/S0002-9947-2014-05943-6">[More Information]</a>

Zhang, Z. (2014). Ricci Lower Bound for Kahler-Ricci Flow. *Communications in Contemporary Mathematics*, 16(2), 1-11. <a href="http://dx.doi.org/10.1142/S0219199713500533">[More Information]</a>

## 2012

Rochon, F., Zhang, Z. (2012). Asymptotics of complete Kähler metrics of finite volume on quasiprojective manifolds. *Advances in Mathematics*, 231(5), 2892-2952. <a href="http://dx.doi.org/10.1016/j.aim.2012.08.005">[More Information]</a>

## 2011

Cao, X., Zhang, Z. (2011). Differential Harnack estimates for parabolic equations. *arxiv.org*.

Cao, X., Wang, B., Zhang, Z. (2011). On locally conformally flat gradient shrinking Ricci solitons. *Communications in Contemporary Mathematics*, 13(2), 269-282. <a href="http://dx.doi.org/10.1142/S0219199711004191">[More Information]</a>

Chen, X., Tian, G., Zhang, Z. (2011). On the weak Kahler-Ricci flow. *Transactions of the American Mathematical Society*, 363(6), 2849-2863. <a href="http://dx.doi.org/10.1090/S0002-9947-2011-05015-4">[More Information]</a>

Lott, J., Zhang, Z. (2011). Ricci flow on quasi-projective manifolds. *Duke Mathematical Journal*, 156(1), 87-123. <a href="http://dx.doi.org/10.1215/00127094-2010-067">[More Information]</a>

## 2010

Dinew, S., Zhang, Z. (2010). On stability and continuity of bounded solutions of degenerate complex Monge-Ampere equations over compact Kahler manifolds. *Advances in Mathematics*, 225(1), 367-388. <a href="http://dx.doi.org/10.1016/j.aim.2010.03.001">[More Information]</a>

Zhang, Z. (2010). Scalar Curvature Behavior for Finite-Time Singularity of Kahler-Ricci Flow. *Michigan Mathematical Journal*, 59(2), 419-433. <a href="http://dx.doi.org/10.1307/mmj/1281531465">[More Information]</a>

## 2009

Zhang, Z. (2009). A modified Kahler-Ricci flow. *Mathematische Annalen*, 345(3), 559-579. <a href="http://dx.doi.org/10.1007/s00208-009-0365-1">[More Information]</a>

Zhang, Z. (2009). Scalar Curvature Bound for Kahler-Ricci Flows over Minimal Manifolds of General Type. *International Mathematics Research Notices*, 2009 (20), 3901-3912. <a href="http://dx.doi.org/10.1093/imrn/rnp073">[More Information]</a>

## 2006

Zhang, Z. (2006). On Degenerate Monge-Ampere Equations over Closed Kahler Manifolds. *International Mathematics Research Notices*, 2006 (Article ID 63640), 63640-1-63640-18. <a href="http://dx.doi.org/10.1155/IMRN/2006/63640">[More Information]</a>

Tian, G., Zhang, Z. (2006). On the Kahler-Ricci Flow on Projective Manifolds of General Type. *Chinese Annals of Mathematics. Series B*, 27B(2), 179-192. <a href="http://dx.doi.org/10.1007/s11401-005-0533-x">[More Information]</a>