Dongrui Wan

List of Publications by Year
in descending order

14 papers	115 citations	1307594 7 h-index	1281871 11 g-index
14 all docs	14 docs citations	14 times ranked	9 citing authors

#	Article	IF	Citations
1	On the quaternionic Monge–Ampère operator, closed positive currents and Lelong–Jensen type formula on the quaternionic space. Bulletin Des Sciences Mathematiques, 2017, 141, 267-311.	1.0	21
2	Complex Hessian Operator and Lelong Number for Unbounded m-subharmonic Functions. Potential Analysis, 2016, 44, 53-69.	0.9	19
3	Quasicontinuity and maximality of quaternionic plurisubharmonic functions. Journal of Mathematical Analysis and Applications, 2015, 424, 86-103.	1.0	16
4	Potential theory for quaternionic plurisubharmonic functions. Michigan Mathematical Journal, 2017, 66, .	0.4	12
5	The continuity and range of the quaternionic Monge–Ampère operator on quaternionic space. Mathematische Zeitschrift, 2017, 285, 461-478.	0.9	11
6	Lelong–Jensen type formula, k -Hessian boundary measure and Lelong number for k -convex functions. Journal Des Mathematiques Pures Et Appliquees, 2013, 99, 635-654.	1.6	9
7	Viscosity solutions to quaternionic Monge–Ampère equations. Nonlinear Analysis: Theory, Methods & Applications, 2016, 140, 69-81.	1.1	9
8	Estimates for k-Hessian operator and some applications. Czechoslovak Mathematical Journal, 2013, 63, 547-564.	0.3	5
9	Quaternionic Monge–Ampère operator for unbounded plurisubharmonic functions. Annali Di Matematica Pura Ed Applicata, 2019, 198, 381-398.	1.0	3
10	Subsolution theorem and the Dirichlet problem for the quaternionic Monge–Ampère equation. Mathematische Zeitschrift, 2020, 296, 1673-1690.	0.9	3
11	A variational approach to the quaternionic Monge–Ampère equation. Annali Di Matematica Pura Ed Applicata, 2020, 199, 2125-2150.	1.0	3
12	The domain of definition of the quaternionic Monge–Ampère operator. Mathematische Nachrichten, 2019, 292, 1161-1173.	0.8	2
13	The Christoffel problem by the fundamental solution of the Laplace equation. Science China Mathematics, 2021, 64, 1599-1612.	1.7	2
14	Complex Hessian Operator and Generalized Lelong Numbers Associated to a Closed m-Positive Current. Complex Analysis and Operator Theory, 2018, 12, 475-489.	0.6	0