

# Baocheng Zhu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	On the $L_p$ Brunn-Minkowski theory and the $L_p$ Minkowski problem for $C$ -coconvex sets. International Mathematics Research Notices, 2023, 2023, 6252-6290.	1.0	4
2	The General Dual-Polar Orlicz-Minkowski Problem. Journal of Geometric Analysis, 2022, 32, 1.	1.0	4
3	The Orlicz-Minkowski problem for torsional rigidity. Journal of Differential Equations, 2020, 269, 8549-8572.	2.2	11
4	On the polar Orlicz-Minkowski problems and the $p$ -capacitary Orlicz-Petty bodies. Indiana University Mathematics Journal, 2020, 69, 385-420.	0.9	6
5	Optimal problem for mixed $p$ -capacities. Journal of the Mathematical Society of Japan, 2019, 71, .	0.4	3
6	The sharp convex mixed Lorentz-Sobolev inequality. Advances in Applied Mathematics, 2019, 111, 101936.	0.7	9
7	The Orlicz-Minkowski problem for measure in $\mathbb{R}^n$ and Orlicz geominimal measures. International Journal of Mathematics, 2019, 30, 1950052.	0.5	4
8	The mixed $L_{p_1}$ affine surface areas for functions. Quaestiones Mathematicae, 2019, 42, 257-276.	0.6	2
9	The Dual Orlicz-Minkowski Problem. Journal of Geometric Analysis, 2018, 28, 3829-3855.	1.0	24
10	The Orlicz-Petty bodies. International Mathematics Research Notices, 2018, 2018, 4356-4403.	1.0	18
11	Reverse Bonnesen-style inequalities on surfaces of constant curvature. International Journal of Mathematics, 2018, 29, 1850040.	0.5	2
12	The role of the form body in bounds for inclusion measures. Mathematische Nachrichten, 2017, 290, 2413-2423.	0.8	0
13	The mixed $L_p$ geominimal surface areas for multiple convex bodies. Indiana University Mathematics Journal, 2015, 64, 1513-1552.	0.9	17
14	On Bonnesen-type inequalities for a surface of constant curvature. Proceedings of the American Mathematical Society, 2015, 143, 4925-4935.	0.8	4
15	$L_p$ Harmonic radial combinations of star bodies. Journal of Inequalities and Applications, 2015, 2015, .	1.1	1
16	$L_p$ mixed geominimal surface area. Journal of Mathematical Analysis and Applications, 2015, 422, 1247-1263.	1.0	1
17	Dual Orlicz-Brunn-Minkowski theory. Advances in Mathematics, 2014, 264, 700-725.	1.1	92
18	Affine Isoperimetric Inequalities for $L_p$ Geominimal Surface Area. Springer Proceedings in Mathematics and Statistics, 2014, , 167-176.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Reverse Bonnesen style inequalities in a surface $\mathbb{X}_{\varepsilon^2}$ of constant curvature. Science China Mathematics, 2013, 56, 1145-1154.	1.7	10
20	BRUNNÁ“MINKOWSKI TYPE INEQUALITIES FOR $L_p$ MOMENT BODIES. Glasgow Mathematical Journal, 2013, 55, 391-398.	0.3	3
21	ISOPERIMETRIC INEQUALITIES FOR $L_p$ GEOMINIMAL SURFACE AREA. Glasgow Mathematical Journal, 2011, 53, 717-726.	0.3	20