

Baocheng Zhu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5493465/publications.pdf>

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papers

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1040056

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dual Orliczâ€“Brunnâ€“Minkowski theory. <i>Advances in Mathematics</i> , 2014, 264, 700-725.	1.1	92
2	The Dual Orliczâ€“Minkowski Problem. <i>Journal of Geometric Analysis</i> , 2018, 28, 3829-3855.	1.0	24
3	<math>\langle mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mi>L</mml:mi></mml:mrow><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mi>0</mml:mi></mml:mrow></mml:math> mixed geominimal surface area. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 422, 1247-1263.		
4	ISOPERIMETRIC INEQUALITIES FOR L_p GEOMINIMAL SURFACE AREA. <i>Glasgow Mathematical Journal</i> , 2011, 53, 717-726.	0.3	20
5	The Orlicz-Petty bodies. <i>International Mathematics Research Notices</i> , 2018, 2018, 4356-4403.	1.0	18
6	The mixed L_p geominimal surface areas for multiple convex bodies. <i>Indiana University Mathematics Journal</i> , 2015, 64, 1513-1552.	0.9	17
7	The Orlicz-Minkowski problem for torsional rigidity. <i>Journal of Differential Equations</i> , 2020, 269, 8549-8572.	2.2	11
8	Reverse Bonnesen style inequalities in a surface \mathbb{X}_{ε} of constant curvature. <i>Science China Mathematics</i> , 2013, 56, 1145-1154.	1.7	10
9	The sharp convex mixed Lorentz-Sobolev inequality. <i>Advances in Applied Mathematics</i> , 2019, 111, 101936.	0.7	9
10	On the polar Orlicz-Minkowski problems and the p -capacitary Orlicz-Petty bodies. <i>Indiana University Mathematics Journal</i> , 2020, 69, 385-420.	0.9	6
11	On Bonnesen-type inequalities for a surface of constant curvature. <i>Proceedings of the American Mathematical Society</i> , 2015, 143, 4925-4935.	0.8	4
12	The Orliczâ€“Minkowski problem for measure in n and Orlicz geominimal measures. <i>International Journal of Mathematics</i> , 2019, 30, 1950052.	0.5	4
13	Affine Isoperimetric Inequalities for L_p Geominimal Surface Area. <i>Springer Proceedings in Mathematics and Statistics</i> , 2014, , 167-176.	0.2	4
14	On the L_p Brunn-Minkowski theory and the L_p Minkowski problem for C -coconvex sets. <i>International Mathematics Research Notices</i> , 2023, 2023, 6252-6290.	1.0	4
15	The General Dual-Polar Orliczâ€“Minkowski Problem. <i>Journal of Geometric Analysis</i> , 2022, 32, 1.	1.0	4
16	BRUNNâ€“MINKOWSKI TYPE INEQUALITIES FOR L_p MOMENT BODIES. <i>Glasgow Mathematical Journal</i> , 2013, 55, 391-398.	0.3	3
17	Optimal problem for mixed p -capacities. <i>Journal of the Mathematical Society of Japan</i> , 2019, 71, .	0.4	3
18	Reverse Bonnesen-style inequalities on surfaces of constant curvature. <i>International Journal of Mathematics</i> , 2018, 29, 1850040.	0.5	2

#	ARTICLE	IF	CITATIONS
19	The mixed L_p affine surface areas for functions. <i>Quaestiones Mathematicae</i> , 2019, 42, 257-276.	0.6	2
20	L_p Harmonic radial combinations of star bodies. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	1.1	1
21	The role of the form body in bounds for inclusion measures. <i>Mathematische Nachrichten</i> , 2017, 290, 2413-2423.	0.8	0