

Chuanming Zong

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

275
citations

1040056

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996975

15
g-index

31
all docs

31
docs citations

31
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	CLASSIFICATION OF THE SUBLATTICES OF A LATTICE. Bulletin of the Australian Mathematical Society, 2021, 103, 50-61.	0.5	0
2	Borsuk's partition conjecture. Japanese Journal of Mathematics, 2021, 16, 185-201.	2.1	6
3	A Computer Approach to Determine the Densest Translative Tetrahedron Packings. Experimental Mathematics, 2019, , 1-21.	0.7	1
4	Multiple Lattice Tilings in Euclidean Spaces. Canadian Mathematical Bulletin, 2019, 62, 923-929.	0.5	2
5	Minkowski bisectors, Minkowski cells and lattice coverings. Geometriae Dedicata, 2017, 188, 123-139.	0.3	0
6	Functionals on the spaces of convex bodies. Acta Mathematica Sinica, English Series, 2016, 32, 124-136.	0.6	6
7	Packing, covering and tiling in two-dimensional spaces. , 2014, 32, 297-364.		20
8	On the classification of convex lattice polytopes (II). Advances in Geometry, 2014, 14, 239-252.	0.4	0
9	On the translative packing densities of tetrahedra and cuboctahedra. Advances in Mathematics, 2014, 260, 130-190.	1.1	6
10	Mysteries in Packing Regular Tetrahedra. Notices of the American Mathematical Society, 2012, 59, 1392.	0.2	15
11	On the classification of convex lattice polytopes. Advances in Geometry, 2011, 11, 711-729.	0.4	5
12	Analytic Number Theory in China. Mathematical Intelligencer, 2010, 32, 18-25.	0.2	1
13	A quantitative program for Hadwiger's covering conjecture. Science China Mathematics, 2010, 53, 2551-2560.	1.7	26
14	On the blocking number and the covering number of a convex body. Advances in Geometry, 2009, 9, 13-29.	0.4	8
15	The simultaneous packing and covering constants in the plane. Advances in Mathematics, 2008, 218, 653-672.	1.1	4
16	Sums, Projections, and Sections of Lattice Sets, and the Discrete Covariogram. Discrete and Computational Geometry, 2005, 34, 391-409.	0.6	29
17	SIMULTANEOUS PACKING AND COVERING IN THREE-DIMENSIONAL EUCLIDEAN SPACE. Journal of the London Mathematical Society, 2003, 67, 29-40.	1.0	4
18	From deep holes to free planes. Bulletin of the American Mathematical Society, 2002, 39, 533-556.	1.5	13

#	ARTICLE	IF	CITATIONS
19	Simultaneous Packing and Covering in the Euclidean Plane. Monatshefte Fur Mathematik, 2002, 134, 247-255.	0.9	5
20	Segments in ball packings. Mathematika, 2000, 47, 31-38.	0.5	5
21	The Blocking Numbers of Convex Bodies. Discrete and Computational Geometry, 2000, 24, 267-278.	0.6	14
22	On the Kissing Numbers of Some Special Convex Bodies. Discrete and Computational Geometry, 1999, 21, 233-242.	0.6	5
23	A note on Hornich's problem. Archiv Der Mathematik, 1999, 72, 127-131.	0.5	4
24	The Kissing Numbers of Convex Bodies - A Brief Survey. Bulletin of the London Mathematical Society, 1998, 30, 1-10.	0.8	21
25	Covering convex bodies by translates of convex bodies. Mathematika, 1997, 44, 215-218.	0.5	32
26	A Problem of Blocking Light Rays. Geometriae Dedicata, 1997, 67, 117-128.	0.3	6
27	The kissing numbers of tetrahedra. Discrete and Computational Geometry, 1996, 15, 239-252.	0.6	9
28	Some remarks concerning kissing numbers, blocking numbers and covering numbers. Periodica Mathematica Hungarica, 1995, 30, 233-238.	0.9	13
29	On a conjecture of Croft, Falconer and Guy on finite packings. Archiv Der Mathematik, 1995, 64, 269-272.	0.5	7
30	Early Twentieth-Century Visitors and the Development of Modern Mathematics in China. Mathematical Intelligencer, 0, , 1.	0.2	0