

Lixin Cheng

List of Publications by Year in descending order

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40
papers

465
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759055

12
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794469

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42
all docs

42
docs citations

42
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	On a generalized Mazur-Ulam question: Extension of isometries between unit spheres of Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 377, 464-470.	0.5	50
2	On stability of nonlinear non-surjective $\hat{\mu}$ -isometries of Banach spaces. <i>Journal of Functional Analysis</i> , 2013, 264, 713-734.	0.7	50
3	A universal theorem for stability of $\hat{\mu}$ -isometries of Banach spaces. <i>Journal of Functional Analysis</i> , 2015, 269, 199-214.	0.7	36
4	On perturbed metric-preserved mappings and their stability characterizations. <i>Journal of Functional Analysis</i> , 2014, 266, 4995-5015.	0.7	26
5	Universal stability of Banach spaces for $\hat{\mu}$ -isometries. <i>Studia Mathematica</i> , 2014, 221, 141-149.	0.4	24
6	Ball-covering property of Banach spaces. <i>Israel Journal of Mathematics</i> , 2006, 156, 111-123.	0.4	21
7	Measure theory of statistical convergence. <i>Science in China Series A: Mathematics</i> , 2008, 51, 2285-2303.	0.5	20
8	On super-weakly compact sets and uniformly convexifiable sets. <i>Studia Mathematica</i> , 2010, 199, 145-169.	0.4	19
9	A note on the stability of nonsurjective $\hat{\mu}$ -isometries of Banach spaces. <i>Proceedings of the American Mathematical Society</i> , 2020, 148, 4837-4844.	0.4	17
10	Ball-covering property of Banach spaces that is not preserved under linear isomorphisms. <i>Science in China Series A: Mathematics</i> , 2008, 51, 143-147.	0.5	16
11	Every Banach space with a w^* -separable dual has a $1+\epsilon$ -equivalent norm with the ball covering property. <i>Science in China Series A: Mathematics</i> , 2009, 52, 1869-1874.	0.5	13
12	On super fixed point property and super weak compactness of convex subsets in Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 428, 1209-1224.	0.5	12
13	More on stability of almost surjective $\hat{\mu}$ -isometries of Banach spaces. <i>Science China Mathematics</i> , 2017, 60, 277-284.	0.8	12
14	A One Perturbation Variational Principle and Applications. <i>Set-Valued and Variational Analysis</i> , 2004, 12, 49-60.	0.5	11
15	Minimal ball-coverings in Banach spaces and their application. <i>Studia Mathematica</i> , 2009, 192, 15-27.	0.4	11
16	Every Banach space admits a homogenous measure of non-compactness not equivalent to the Hausdorff measure. <i>Science China Mathematics</i> , 2019, 62, 147-156.	0.8	10
17	A new approach to measures of noncompactness of Banach spaces. <i>Studia Mathematica</i> , 2018, 240, 21-45.	0.4	10
18	On weak stability of $\hat{\mu}$ -isometries on wedges and its applications. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 433, 1673-1689.	0.5	9

#	ARTICLE	IF	CITATIONS
19	On Super Weakly Compact Convex Sets and Representation of the Dual of the Normed Semigroup They Generate. <i>Canadian Mathematical Bulletin</i> , 2013, 56, 272-282.	0.3	9
20	The product of a Gâteaux differentiability space and a separable space is a Gâteaux differentiability space. <i>Proceedings of the American Mathematical Society</i> , 2001, 129, 3539-3541.	0.4	8
21	On real-valued measures of statistical type and their applications to statistical convergence. <i>Mathematical and Computer Modelling</i> , 2009, 50, 116-122.	2.0	8
22	On non-surjective coarse isometries between Banach spaces. <i>Quaestiones Mathematicae</i> , 2019, 42, 347-362.	0.2	8
23	On countable determination of the Kuratowski measure of noncompactness. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 504, 125370.	0.5	8
24	A note on non-support points, negligible sets, Gâteaux differentiability and Lipschitz embeddings. <i>Journal of Mathematical Analysis and Applications</i> , 2009, 350, 531-536.	0.5	7
25	A note on ball-covering property of Banach spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 371, 249-253.	0.5	6
26	Corrigendum to "A universal theorem for stability of $\hat{\mu}$ -isometries of Banach spaces" [J. Funct. Anal. 269 (2015) 199-214]. <i>Journal of Functional Analysis</i> , 2020, 279, 108518.	0.7	6
27	A sharp operator version of the Bishop-Phelps theorem for operators from ℓ_1 to CL-spaces. <i>Proceedings of the American Mathematical Society</i> , 2012, 141, 867-872.	0.4	5
28	On statistical measure theory. <i>Journal of Mathematical Analysis and Applications</i> , 2013, 407, 413-424.	0.5	5
29	Some geometric and topological properties of Banach spaces via ball coverings. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 377, 874-880.	0.5	4
30	DIFFERENTIABILITY OF CONVEX FUNCTIONS ON SUBLINEAR TOPOLOGICAL SPACES AND VARIATIONAL PRINCIPLES IN LOCALLY CONVEX SPACES. <i>Chinese Annals of Mathematics Series B</i> , 2005, 26, 611-632.	0.2	3
31	A functional characterization of measures and the Banach-Ulam problem. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 374, 558-565.	0.5	3
32	More on convexity and smoothness of operators. <i>Journal of Mathematical Analysis and Applications</i> , 2010, 371, 407-413.	0.5	2
33	On the Symmetrizations of $\hat{\mu}$ -Isometries on Banach Spaces. <i>Functional Analysis and Its Applications</i> , 2019, 53, 74-77.	0.1	2
34	On measure of noncompactness and application to global attractors of operator semigroups. <i>Quaestiones Mathematicae</i> , 2021, 44, 73-88.	0.2	2
35	Pełczyński's property V for spaces of compact operators. <i>Positivity</i> , 2021, 25, 1147.	0.3	2
36	Yet on linear structures of norm-attaining functionals on Asplund spaces. <i>Acta Mathematica Scientia</i> , 2018, 38, 151-156.	0.5	1

#	ARTICLE	IF	CITATIONS
37	On order-preserving and order-reversing mappings defined on cones of convex functions. Science China Mathematics, 2021, 64, 1817-1842.	0.8	1
38	On Stability and Weak-Star Stability of ϵ -Isometries. Results in Mathematics, 2021, 76, 1.	0.4	0
39	A convex set-valued version of the Mazur-Ulam theorem on Asplund spaces. Journal of Mathematical Analysis and Applications, 2021, 498, 124932.	0.5	0
40	A localization of the Artstein-Avidan-Milman theorem. Journal of Mathematical Analysis and Applications, 2022, 513, 126239.	0.5	0