Lixin Cheng

List of Publications by Year
in descending order

40 papers	465 citations	759233 12 h-index	794594 19 g-index
42 all docs	42 docs citations	42 times ranked	73 citing authors

#	Article	IF	Citations
1	A localization of the Artstein-Avidan-Milman theorem. Journal of Mathematical Analysis and Applications, 2022, 513, 126239.	1.0	0
2	On measure of noncompactness and application to global attractors of operator semigroups. Quaestiones Mathematicae, 2021, 44, 73-88.	0.6	2
3	PeÅ,czyÅ,,skiâ€™s property V for spaces of compact operators. Positivity, 2021, 25, 1147.	0.7	2
4	On Stability and Weak-Star Stability of $$varepsilon $$-Isometries. Results in Mathematics, 2021, 76, 1.	0.8	0
5	On order-preserving and order-reversing mappings defined on cones of convex functions. Science China Mathematics, 2021, 64, 1817-1842.	1.7	1
6	A convex set-valued version of the Mazur-Ulam theorem on Asplund spaces. Journal of Mathematical Analysis and Applications, 2021, 498, 124932.	1.0	0
7	On countable determination of the Kuratowski measure of noncompactness. Journal of Mathematical Analysis and Applications, 2021, 504, 125370.	1.0	8
8	A note on the stability of nonsurjective ?-isometries of Banach spaces. Proceedings of the American Mathematical Society, 2020, 148, 4837-4844.	0.8	17
9	Corrigendum to â€œA universal theorem for stability of Î¼-isometries of Banach spacesâ€•[J. Funct. Anal. 269 (2015) 199â€"214]. Journal of Functional Analysis, 2020, 279, 108518.	1.4	6
10	On the Symmetrizations of Î¼-Isometries on Banach Spaces. Functional Analysis and Its Applications, 2019, 53, 74-77.	0.4	2
11	Every Banach space admits a homogenous measure of non-compactness not equivalent to the Hausdorff measure. Science China Mathematics, 2019, 62, 147-156.	1.7	10
12	On non-surjective coarse isometries between Banach spaces. Quaestiones Mathematicae, 2019, 42, 347-362.	0.6	8
13	Yet on linear structures of norm-attaining functionals on Asplund spaces. Acta Mathematica Scientia, 2018, 38, 151-156.	1.0	1
14	A new approach to measures of noncompactness of Banach spaces. Studia Mathematica, 2018, 240, 21-45.	0.7	10
15	More on stability of almost surjective Î¼-isometries of Banach spaces. Science China Mathematics, 2017, 60, 277-284.	1.7	12
16	On weak stability of Î¼-isometries on wedges and its applications. Journal of Mathematical Analysis and Applications, 2016, 433, 1673-1689.	1.0	9
17	A universal theorem for stability of Î¼-isometries of Banach spaces. Journal of Functional Analysis, 2015, 269, 199-214.	1.4	36
18	On super fixed point property and super weak compactness of convex subsets in Banach spaces. Journal of Mathematical Analysis and Applications, 2015, 428, 1209-1224.	1.0	12

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19	On perturbed metric-preserved mappings and their stability characterizations. Journal of Functional Analysis, 2014, 266, 4995-5015.	1.4	26
20	Universal stability of Banach spaces for εμ-isometries. Studia Mathematica, 2014, 221, 141-149.	0.7	24
21	On stability of nonlinear non-surjective εμ-isometries of Banach spaces. Journal of Functional Analysis, 2013, 264, 713-734.	1.4	50
22	On statistical measure theory. Journal of Mathematical Analysis and Applications, 2013, 407, 413-424.	1.0	5
23	On Super Weakly Compact Convex Sets and Representation of the Dual of the Normed Semigroup They Generate. Canadian Mathematical Bulletin, 2013, 56, 272-282.	0.5	9
24	A sharp operator version of the Bishop-Phelps theorem for operators from ℓ_1 to CL-spaces. Proceedings of the American Mathematical Society, 2012, 141, 867-872.	0.8	5
25	On a generalized Mazur–Ulam question: Extension of isometries between unit spheres of Banach spaces. Journal of Mathematical Analysis and Applications, 2011, 377, 464-470.	1.0	50
26	Some geometric and topological properties of Banach spaces via ball coverings. Journal of Mathematical Analysis and Applications, 2011, 377, 874-880.	1.0	4
27	A functional characterization of measures and the Banach–Ulam problem. Journal of Mathematical Analysis and Applications, 2011, 374, 558-565.	1.0	3
28	A note on ball-covering property of Banach spaces. Journal of Mathematical Analysis and Applications, 2010, 371, 249-253.	1.0	6
29	More on convexity and smoothness of operators. Journal of Mathematical Analysis and Applications, 2010, 371, 407-413.	1.0	2
30	On super-weakly compact sets and uniformly convexifiable sets. Studia Mathematica, 2010, 199, 145-169.	0.7	19
31	Every Banach space with a w *-separable dual has a 1+ε-equivalent norm with the ball covering property. Science in China Series A: Mathematics, 2009, 52, 1869-1874.	0.5	13
32	A note on non-support points, negligible sets, Gâteaux differentiability and Lipschitz embeddings. Journal of Mathematical Analysis and Applications, 2009, 350, 531-536.	1.0	7
33	On real-valued measures of statistical type and their applications to statistical convergence. Mathematical and Computer Modelling, 2009, 50, 116-122.	2.0	8
34	Minimal ball-coverings in Banach spaces and their application. Studia Mathematica, 2009, 192, 15-27.	0.7	11
35	Ball-covering property of Banach spaces that is not preserved under linear isomorphisms. Science in China Series A: Mathematics, 2008, 51, 143-147.	0.5	16
36	Measure theory of statistical convergence. Science in China Series A: Mathematics, 2008, 51, 2285-2303.	0.5	20

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37	Ball-covering property of Banach spaces. Israel Journal of Mathematics, 2006, 156, 111-123.	0.8	21
38	DIFFERENTIABILITY OF CONVEX FUNCTIONS ON SUBLINEAR TOPOLOGICAL SPACES AND VARIATIONAL PRINCIPLES IN LOCALLY CONVEX SPACES. Chinese Annals of Mathematics Series B, 2005, 26, 611-632.	0.4	3
39	A One Perturbation Variational Principle and Applications. Set-Valued and Variational Analysis, 2004, 12, 49-60.	0.5	11
40	The product of a GÃ¢teaux differentiability space and a separable space is a GÃ¢teaux differentiability space. Proceedings of the American Mathematical Society, 2001, 129, 3539-3541.	0.8	8