Ryotaro Tanaka

List of Publications by Year
in descending order

19 papers	**204** citations	1163117 **8** h-index	1058476 **14** g-index
19 all docs	**19** docs citations	**19** times ranked	**45** citing authors

#	Article	IF	Citations
1	A FURTHER PROPERTY OF SPHERICAL ISOMETRIES. Bulletin of the Australian Mathematical Society, 2014, 90, 304-310.	0.5	36
2	The solution of Tingley's problem for the operator norm unit sphere of complex nÃ—n matrices. Linear Algebra and Its Applications, 2016, 494, 274-285.	0.9	28
3	Tingley's problem on finite von Neumann algebras. Journal of Mathematical Analysis and Applications, 2017, 451, 319-326.	1.0	25
4	A solution to Tingleyâ€™s problem for isometries between the unit spheres of compact C*-algebras and JB*-triples. Science China Mathematics, 2019, 62, 553-568.	1.7	21
5	Spherical isometries of finite dimensional CâŽ-algebras. Journal of Mathematical Analysis and Applications, 2017, 445, 337-341.	1.0	16
6	On the class of Banach spaces with James constant 2. Mathematische Nachrichten, 2016, 289, 1005-1020.	0.8	12
7	Nonlinear equivalence of Banach spaces based on Birkhoff-James orthogonality. Journal of Mathematical Analysis and Applications, 2022, 505, 125444.	1.0	11
8	Symmetric points for (strong) Birkhoff orthogonality in von Neumann algebras with applications to preserver problems. Journal of Mathematical Analysis and Applications, 2018, 463, 1109-1131.	1.0	8
9	LEFT SYMMETRIC POINTS FOR BIRKHOFF ORTHOGONALITY IN THE PREDUALS OF VON NEUMANN ALGEBRAS. Bulletin of the Australian Mathematical Society, 2018, 98, 494-501.	0.5	7
10	On symmetry of Birkhoff orthogonality in the positive cones of CâŽ-algebras with applications. Journal of Mathematical Analysis and Applications, 2019, 474, 1488-1497.	1.0	7
11	A characterization of Radon planes using generalized Dayâ€“James spaces. Annals of Functional Analysis, 2020, 11, 62-74.	0.8	7
12	On symmetry of strong Birkhoff orthogonality in $$B(mathcal {H},mathcal {K})$$ and $$K(mathcal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	5
13	Nonlinear equivalence of Banach spaces based on Birkhoff-James orthogonality, II. Journal of Mathematical Analysis and Applications, 2022, 514, 126307.	1.0	5
14	Modular Birkhoffâ€“James orthogonality in $$B({mathbb {X}},{mathbb {Y}})$$ and $$K({mathbb) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.8	4
15	On Birkhoffâ€“James orthogonality preservers between real non-isometric Banach spaces. Indagationes Mathematicae, 2022, 33, 1125-1136.	0.4	4
16	On the Class of Banach Spaces with James Constant $${sqrt{2}}$$ 2 : Part II. Mediterranean Journal of Mathematics, 2016, 13, 4039-4061.	0.8	3
17	Non-linear modular Birkhoff-James orthogonality preservers between spaces of continuous functions. Journal of Mathematical Analysis and Applications, 2021, 495, 124744.	1.0	3
18	A Comparison Between James and von Neumannâ€“Jordan Constants. Mediterranean Journal of Mathematics, 2017, 14, 1.	0.8	2

#	Article	IF	Citations
19	A nonlinear characterization of type I factors based on strong Birkhoff–James orthogonality. Annals of Functional Analysis, 2022, 13, .	0.8	0