Francisco Jose Fernandez Polo

List of Publications by Year
in descending order

27 papers	424 citations	623734 14 h-index	752698 20 g-index
27 all docs	27 docs citations	27 times ranked	73 citing authors

#	Article	IF	Citations
1	Orthogonality preservers in `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:msup><mml:mi mathvariant="normal">C</mml:mi><mml:mo>∗</mml:mo></mml:msup></mml:math>`-algebras, `<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:msup><mml:mi mathvariant="normal">JB</mml:mi><mml:mo>∗</mml:mo></mml:msup></mml:math>`-algebras and `<mml:`	1.0	79
2	Low rank compact operators and Tingley's problem. Advances in Mathematics, 2018, 338, 1-40.	1.1	32
3	ORTHOGONALITY PRESERVERS REVISITED. Asian-European Journal of Mathematics, 2009, 02, 387-405.	0.5	31
4	Tingley's problem for spaces of trace class operators. Linear Algebra and Its Applications, 2017, 529, 294-323.	0.9	27
5	Tingley's problem through the facial structure of an atomic JBWâŽ-triple. Journal of Mathematical Analysis and Applications, 2017, 455, 750-760.	1.0	25
6	Surjective isometries between real JB*-triples. Mathematical Proceedings of the Cambridge Philosophical Society, 2004, 137, 709-723.	0.4	24
7	On the extension of isometries between the unit spheres of von Neumann algebras. Journal of Mathematical Analysis and Applications, 2018, 466, 127-143.	1.0	22
8	CLOSED TRIPOTENTS AND WEAK COMPACTNESS IN THE DUAL SPACE OF A JB*-TRIPLE. Journal of the London Mathematical Society, 2006, 74, 75-92.	1.0	19
9	Local Triple Derivations onC*-Algebrasâ€. Communications in Algebra, 2014, 42, 1276-1286.	0.6	19
10	Local triple derivations on Câ—-algebras and JBâ—-triples. Bulletin of the London Mathematical Society, 2014, 46, 709-724.	0.8	19
11	A SAITÃ"â€"TOMITAâ€"LUSIN THEOREM FOR JB*-TRIPLES AND APPLICATIONS. Quarterly Journal of Mathematics, 2006, 57, 37-48.	0.8	18
12	Geometric characterization of tripotents in real and complex JBâ—-triples. Journal of Mathematical Analysis and Applications, 2004, 295, 435-443.	1.0	16
13	2-local triple homomorphisms on von Neumann algebras and JBWâŽ-triples. Journal of Mathematical Analysis and Applications, 2015, 426, 43-63.	1.0	15
14	A Kowalskiâ€"SÅ'odkowski theorem for 2-local $*$ â— -homomorphisms on von Neumann algebras. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2015, 109, 551-568.	1.2	14
15	ON THE EXTENSION OF ISOMETRIES BETWEEN THE UNIT SPHERES OF A -TRIPLE AND A BANACH SPACE. Journal of the Institute of Mathematics of Jussieu, 2021, 20, 277-303.	0.7	12
16	Non-commutative generalisations of Urysohn's lemma and hereditary inner ideals. Journal of Functional Analysis, 2010, 259, 343-358.	1.4	11
17	On the facial structure of the unit ball in a JB*-triple. Journal Fur Die Reine Und Angewandte Mathematik, 2010, 2010, .	0.9	8
18	On the facial structure of the unit ball in the dual space of a JB*-triple. Mathematische Annalen, 2010, 348, 1019-1032.	1.4	6

#	Article	IF	Citations
19	Contractive perturbations in JB*-triples. Journal of the London Mathematical Society, 2012, 85, 349-364.	1.0	6
20	A Kaplansky theorem for JB*-triples. Proceedings of the American Mathematical Society, 2012, 140, 3179-3191.	0.8	6
21	Tingley's problem for p-Schatten von Neumann classes. Journal of Spectral Theory, 2020, 10, 809-841.	0.8	6
22	Weak compactness in the dual space of a JB*-triple is commutatively determined. Mathematica Scandinavica, 2009, 105, 307.	0.2	4
23	A Kadec-PelczyÅ„ski dichotomy-type theorem for preduals of JBW*-algebras. Israel Journal of Mathematics, 2015, 208, 45-78.	0.8	2
24	Relatively Weakly Open Convex Combinations of Slices and Scattered C$*$-Algebras. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	2
25	Local Triple Derivations on Real C $*$ âˆ’ -Algebras and JB $*$ âˆ’ -Triples. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 941-955.	0.9	1
26	Weakly compact orthogonality preservers on C*-algebras. Mathematische Zeitschrift, 2012, 270, 709-723.	0.9	0
27	The minimax principle and related topics in the Jordan setting. Linear Algebra and Its Applications, 2020, 604, 293-323.	0.9	0