

Antonio M Peralta

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Determinants in Jordan matrix algebras. <i>Linear and Multilinear Algebra</i> , 2023, 71, 961-1002.	0.5	1
2	Exploring new solutions to Tingley's problem for function algebras. <i>Quaestiones Mathematicae</i> , 2023, 46, 1315-1346.	0.2	3
3	Representation of symmetry transformations on the sets of tripotents of spin and Cartan factors. <i>Analysis and Mathematical Physics</i> , 2022, 12, 1.	0.6	1
4	Surjective isometries between unitary sets of unital JB \tilde{A} -algebras. <i>Linear Algebra and Its Applications</i> , 2022, 643, 39-79.	0.4	1
5	Similarities and differences between real and complex Banach spaces: an overview and recent developments. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matematicas</i> , 2022, 116, 1.	0.6	7
6	A projectionless approach to Rickart Jordan structures. <i>Journal of Algebra</i> , 2022, 609, 567-605.	0.4	1
7	ON THE EXTENSION OF ISOMETRIES BETWEEN THE UNIT SPHERES OF A A -TRIPLE AND A BANACH SPACE. <i>Journal of the Institute of Mathematics of Jussieu</i> , 2021, 20, 277-303.	0.4	12
8	One-parameter groups of orthogonality preservers on C^* -algebras. <i>Banach Journal of Mathematical Analysis</i> , 2021, 15, 1.	0.4	5
9	Extension of isometries from the unit sphere of a rank-2 Cartan factor. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	0.6	10
10	One-parameter semigroups of orthogonality preservers of JB^* -algebras. <i>Advances in Operator Theory</i> , 2021, 6, 1.	0.3	5
11	A linear preserver problem on maps which are triple derivable at orthogonal pairs. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matematicas</i> , 2021, 115, 1.	0.6	1
12	Surjective isometries between sets of invertible elements in unital Jordan-Banach algebras. <i>Journal of Mathematical Analysis and Applications</i> , 2021, 502, 125284.	0.5	2
13	The Mazur-Ulam property for commutative von Neumann algebras. <i>Linear and Multilinear Algebra</i> , 2020, 68, 337-362.	0.5	14
14	Measures of weak non-compactness in preduals of von Neumann algebras and $JBW\tilde{A}$ -triples. <i>Journal of Functional Analysis</i> , 2020, 278, 108300.	0.7	13
15	Finite tripotents and finite $JBW\tilde{A}$ -triples. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 490, 124217.	0.5	6
16	Metric Characterisation of Unitaries in JB^* -Algebras. <i>Mediterranean Journal of Mathematics</i> , 2020, 17, 1.	0.4	2
17	Linear Maps Which are Anti-derivable at Zero. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43, 4315-4334.	0.4	6
18	Grothendieck's inequalities for JB^* -triples: Proof of the Barton-Friedman conjecture. <i>Transactions of the American Mathematical Society</i> , 2020, 374, 1327-1350.	0.5	6

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19	Aronâ€“Berner extensions of triple maps with application to the bidual of Jordan Banach triple systems. <i>Linear Algebra and Its Applications</i> , 2019, 580, 436-463.	0.4	3
20	On the Mazurâ€“Ulam property for the space of Hilbert-space-valued continuous functions. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 479, 875-902.	0.5	17
21	A solution to Tingleyâ€™s problem for isometries between the unit spheres of compact C^* -algebras and JB^* -triples. <i>Science China Mathematics</i> , 2019, 62, 553-568.	0.8	21
22	Contractive linear preservers of absolutely compatible pairs between \mathbb{C}^* -algebras. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2019, 113, 2731-2744.	0.6	1
23	Extending surjective isometries defined on the unit sphere of $\ell_\infty(\Gamma)$ to $\hat{\Gamma}$. <i>Revista Matematica Complutense</i> , 2019, 32, 99-114.	0.7	12
24	On the unit sphere of positive operators. <i>Banach Journal of Mathematical Analysis</i> , 2019, 13, 91-112.	0.4	8
25	Linear maps between C^* -algebras that are $*$ -homomorphisms at a fixed point. <i>Quaestiones Mathematicae</i> , 2019, 42, 151-164.	0.2	4
26	The Mazurâ€“Ulam property for the space of complex null sequences. <i>Linear and Multilinear Algebra</i> , 2019, 67, 799-816.	0.5	15
27	Weak-2-local isometries on uniform algebras and Lipschitz algebras. <i>Publicacions Matematiques</i> , 2019, 63, 241-264.	0.2	21
28	Preduals of JBW^* -triples are 1-Plichko spaces. <i>Quarterly Journal of Mathematics</i> , 2018, 69, 655-680.	0.3	8
29	2-Local standard isometries on vector-valued Lipschitz function spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 461, 1287-1298.	0.5	14
30	Linear maps on C^* -algebras which are derivations or triple derivations at a point. <i>Linear Algebra and Its Applications</i> , 2018, 538, 1-21.	0.4	10
31	The λ -Function in the Space of Trace Class Operators. <i>Mediterranean Journal of Mathematics</i> , 2018, 15, 1.	0.4	1
32	Low rank compact operators and Tingley's problem. <i>Advances in Mathematics</i> , 2018, 338, 1-40.	0.5	32
33	On the extension of isometries between the unit spheres of von Neumann algebras. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 466, 127-143.	0.5	22
34	Preservers of Aluthge transforms. <i>Linear Algebra and Its Applications</i> , 2018, 554, 86-119.	0.4	4
35	A survey on Tingleyâ€™s problem for operator algebras. <i>Acta Scientiarum Mathematicarum</i> , 2018, 84, 81-123.	0.2	32
36	Pointwise-generalized-inverses of linear maps between C^* -algebras and JB^* -triples. <i>Operators and Matrices</i> , 2018, , 369-391.	0.1	1

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37	Characterizing projections among positive operators in the unit sphere. <i>Advances in Operator Theory</i> , 2018, 3, 731-744.	0.3	4
38	Inner ideals, compact tripotents and \mathcal{A} -subtriples of JB \mathcal{A} -triples and C^* -algebras. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2017, 111, 129-138.	0.6	0
39	Orthogonal forms and orthogonality preservers on real function algebras revisited. <i>Linear and Multilinear Algebra</i> , 2017, 65, 361-374.	0.5	4
40	On a generalized Herstein's theorem for weak 2-local derivations on $B(H)$. <i>Banach Journal of Mathematical Analysis</i> , 2017, 11, 382-397.	0.4	12
41	Tingley's problem through the facial structure of an atomic JBW \mathcal{A} -triple. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 455, 750-760.	0.5	25
42	Tingley's problem for spaces of trace class operators. <i>Linear Algebra and Its Applications</i> , 2017, 529, 294-323.	0.4	27
43	Inner Derivations and Weak-2-Local Derivations on the $C_0(L, A)$ -Algebra \mathcal{A} . <i>Integral Equations and Operator Theory</i> , 2017, 89, 89-110.	0.4	4
44	Stability of derivations under weak-2-local continuous perturbations. <i>Aequationes Mathematicae</i> , 2017, 91, 99-114.	0.4	5
45	Boundedness of completely additive measures with application to 2-local triple derivations. <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	3
46	Linear maps between C^* -algebras preserving extreme points and strongly linear preservers. <i>Banach Journal of Mathematical Analysis</i> , 2016, 10, 547-565.	0.4	2
47	Extremally rich JB \mathcal{A} -triples. <i>Annals of Functional Analysis</i> , 2016, 7, 578-592.	0.3	2
48	Weak-local triple derivations on \mathcal{A} -algebras and JB \mathcal{A} -triples. <i>Linear Algebra and Its Applications</i> , 2016, 506, 614-627.	0.4	2
49	Weak Banach-Saks property and Komlós's theorem for preduals of JBW \mathcal{A} -triples. <i>Proceedings of the American Mathematical Society</i> , 2016, 144, 4723-4731.	0.4	0
50	Geometric implications of the $M(r, s)$ -properties and the uniform Kadec-Klee property in JB \mathcal{A} -triples. <i>Quarterly Journal of Mathematics</i> , 2016, .	0.3	0
51	Local Triple Derivations on Real C^* -Algebras and JB \mathcal{A} -Triples. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2016, 39, 941-955.	0.4	1
52	Weak-2-local symmetric maps on \mathcal{A} -algebras. <i>Linear Algebra and Its Applications</i> , 2016, 494, 32-43.	0.4	18
53	Perturbation of \mathcal{A}-triples in preduals of C^*-algebras . <i>Journal of Mathematical Analysis and Applications</i> , 2016, 434, 149-170.	0.5	2
54	Weak-local derivations and homomorphisms on C^* -algebras. <i>Linear and Multilinear Algebra</i> , 2016, 64, 169-186.	0.5	19

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55	Von Neumann Algebra Preduals Satisfy the Linear Biholomorphic Property. <i>Mathematica Scandinavica</i> , 2016, 118, 277.	0.1	0
56	Jordan weak amenability and orthogonal forms on JB [*] -algebras. <i>Banach Journal of Mathematical Analysis</i> , 2015, 9, 126-145.	0.4	5
57	A Kadec-Pelczyński dichotomy-type theorem for preduals of JBW [*] -algebras. <i>Israel Journal of Mathematics</i> , 2015, 208, 45-78.	0.4	2
58	ÄEbyÄ«v subspaces of JBW [*] -triples. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	0.5	2
59	APPROXIMATION AND CONVEX DECOMPOSITION BY EXTREMALS AND THE Å-FUNCTION IN JBW [*] -TRIPLES. <i>Quarterly Journal of Mathematics</i> , 2015, 66, 583-603.	0.3	9
60	2-local triple homomorphisms on von Neumann algebras and JBW [*] -triples. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 426, 43-63.	0.5	15
61	A KowalskiÄ“SÅ,odkowski theorem for 2-local \mathbb{R} -homomorphisms on von Neumann algebras. <i>Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas</i> , 2015, 109, 551-568.	0.6	14
62	Bilocal [*] -automorphisms of B(H) satisfying the 3-local property. <i>Archiv Der Mathematik</i> , 2015, 104, 157-164.	0.3	2
63	Weak-2-local Åž-derivations on B(H) are linear Åž-derivations. <i>Linear Algebra and Its Applications</i> , 2015, 487, 276-300.	0.4	18
64	Positive definite hermitian mappings associated with tripotent elements. , 2015, 33, 252-258.		6
65	The KadecÄ“PeÅ, czyÅ, skiÄ“Rosenthal subsequence splitting lemma for JBW [*] -triple preduals. <i>Studia Mathematica</i> , 2015, 227, 77-95.	0.4	4
66	A note on 2-local representations of C [*] -algebras. <i>Operators and Matrices</i> , 2015, , 343-358.	0.1	10
67	Preserver Problems on Function Spaces, Operator Algebras, and Related Topics. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-2.	0.3	0
68	Orthogonal forms and orthogonality preservers on real function algebras. <i>Linear and Multilinear Algebra</i> , 2014, 62, 275-296.	0.5	5
69	Automatic continuity of derivations on C and B . <i>Journal of Algebra</i> , 2014, 399, 960-977.	0.4	31
70	Local Triple Derivations on C [*] -AlgebrasÄ€. <i>Communications in Algebra</i> , 2014, 42, 1276-1286.	0.3	19
71	Local triple derivations on C [*] -algebras and JB [*] -triples. <i>Bulletin of the London Mathematical Society</i> , 2014, 46, 709-724.	0.4	19
72	LINEAR ISOMETRIES BETWEEN REAL JB [*] -TRIPLES AND C [*] -ALGEBRAS. <i>Quarterly Journal of Mathematics</i> , 2014, 65, 485-503.	0.3	6

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73	2-local triple derivations on von Neumann algebras. Illinois Journal of Mathematics, 2014, 58, .	0.1	15
74	Automatic continuity of orthogonality or disjointness preserving bijections. Revista Matematica Complutense, 2013, 26, 57-88.	0.7	4
75	Automatic continuity of orthogonality preservers on a non-commutative <small>xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"> <mml:msup> <mml:mrow> <mml:mi>L</mml:mi> </mml:mrow> <mml:mrow> <mml:mi>P</mml:mi> </mml:mrow> </mml:math></small> stretchy="false"> (</mml:mo> <mml:mi>I, </mml:mi> <mml:mo> Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 647 Td (stretchy="false")	0.7	19
76	Orthogonally Additive and Orthogonality Preserving Holomorphic Mappings between C*-Algebras. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.3	7
77	TERNARY WEAKLY AMENABLE C*-ALGEBRAS AND JB*-TRIPLES. Quarterly Journal of Mathematics, 2013, 64, 1109-1139.	0.3	13
78	Generalized Triple Homomorphisms and Derivations. Canadian Journal of Mathematics, 2013, 65, 783-807.	0.3	5
79	Contractive perturbations in JB*-triples. Journal of the London Mathematical Society, 2012, 85, 349-364.	0.5	6
80	Orthogonally additive holomorphic functions on C^*-algebras. Operators and Matrices, 2012, , 621-629.	0.1	5
81	A Kaplansky theorem for JB*-triples. Proceedings of the American Mathematical Society, 2012, 140, 3179-3191.	0.4	6
82	Weakly compact orthogonality preservers on C*-algebras. Mathematische Zeitschrift, 2012, 270, 709-723.	0.4	0
83	Sequential wâ€right continuity and summing operators. Mathematische Nachrichten, 2011, 284, 664-680.	0.4	6
84	Automatic continuity of biorthogonality preservers between compact Câ€ž-algebras and von Neumann algebras. Journal of Mathematical Analysis and Applications, 2011, 376, 221-230.	0.5	22
85	Automatic continuity of bi-orthogonality preservers between compact Câ€ž-algebras and von Neumann algebras. <small>xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" xmlns:ce="http://www.elsevier.com/xml/common/ce/dtd" xmlns:ds="http://www.elsevier.com/xml/common/ds/dtd" xmlns:math="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"></small>	0.5	7
86	Automatic continuity of biorthogonality preservers between weakly compact JB[*]-triples and atomic JBW[*]-triples. Studia Mathematica, 2011, 204, 97-121.	0.4	11
87	On the facial structure of the unit ball in the dual space of a JB*-triple. Mathematische Annalen, 2010, 348, 1019-1032.	0.7	6
88	Non-commutative generalisations of Urysohn's lemma and hereditary inner ideals. Journal of Functional Analysis, 2010, 259, 343-358.	0.7	11
89	Quasi-completely continuous multilinear operators. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 635-649.	0.8	9
90	A SHORT PROOF OF A THEOREM OF PFITZNER. Quarterly Journal of Mathematics, 2010, 61, 329-336.	0.3	4

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91	On the facial structure of the unit ball in a JB*-triple. Journal Fur Die Reine Und Angewandte Mathematik, 2010, 2010, .	0.4	8
92	Weakly compact operators and the strong* topology for a Banach space. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 1249-1267.	0.8	5
93	ORTHOGONALITY PRESERVERS REVISITED. Asian-European Journal of Mathematics, 2009, 02, 387-405.	0.2	31
94	Conorm and Essential Conorm in C*-Algebras. Integral Equations and Operator Theory, 2009, 63, 1-16.	0.4	0
95	Factorizing multilinear operators on Banach spaces, C*-algebras and JB*-triples. Studia Mathematica, 2009, 192, 129-146.	0.4	1
96	Weak compactness in the dual space of a JB*-triple is commutatively determined. Mathematica Scandinavica, 2009, 105, 307.	0.1	4
97	Von neumann regularity and quadratic conorms in JB*-triples and C*-algebras. Acta Mathematica Sinica, English Series, 2008, 24, 185-200.	0.2	13
98	Orthogonality preservers in C^* -algebras, C^* -algebras, C^* -algebras and	0.5	79
99	ORTHOGONALLY ADDITIVE POLYNOMIALS ON C*-ALGEBRAS. Quarterly Journal of Mathematics, 2007, 59, 363-374.	0.3	19
100	Dunford-Pettis properties, Hilbert spaces and projective tensor products. Journal of Functional Analysis, 2007, 253, 692-710.	0.7	4
101	Topological characterisation of weakly compact operators. Journal of Mathematical Analysis and Applications, 2007, 325, 968-974.	0.5	15
102	The Alternative Dunford-Pettis Property for Subspaces of the Compact Operators. Positivity, 2006, 10, 51-63.	0.3	5
103	The alternative Dunford-Pettis property on projective tensor products. Mathematische Zeitschrift, 2006, 252, 883-897.	0.4	2
104	A SAITÅ" TOMITA LUSIN THEOREM FOR JB*-TRIPLES AND APPLICATIONS. Quarterly Journal of Mathematics, 2006, 57, 37-48.	0.3	18
105	CLOSED TRIPOTENTS AND WEAK COMPACTNESS IN THE DUAL SPACE OF A JB*-TRIPLE. Journal of the London Mathematical Society, 2006, 74, 75-92.	0.5	19
106	Some remarks on weak compactness in the dual space of a JB*-triple. Tohoku Mathematical Journal, 2006, 58, .	0.4	5
107	The Dunford-Pettis and the Kadec-Klee properties on tensor products of JB*-triples. Mathematische Zeitschrift, 2005, 251, 117-130.	0.4	5
108	Spin spaces and positive decomposition of linear maps on ordered Banach spaces. Quarterly Journal of Mathematics, 2005, 56, 43-52.	0.3	0

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109	THE ALTERNATIVE DUNFORD-PETTIS PROPERTY, CONJUGATIONS AND REAL FORMS OF C^* -ALGEBRAS. Journal of the London Mathematical Society, 2005, 71, 161-171.	0.5	3
110	New advances on the Grothendieck's inequality problem for bilinear forms on JB^* -triples. Mathematical Inequalities and Applications, 2005, , 7-21.	0.1	3
111	Surjective isometries between real JB^* -triples. Mathematical Proceedings of the Cambridge Philosophical Society, 2004, 137, 709-723.	0.3	24
112	Relatively weakly open sets in closed balls of Banach spaces, and real JB^* -triples of finite rank. Mathematische Annalen, 2004, 330, 45.	0.7	33
113	Subdifferentiability of the norm and the Banach-Stone theorem for real and complex JB^* -triples. Manuscripta Mathematica, 2004, 114, 503.	0.3	4
114	Geometric characterization of tripotents in real and complex JB^* -triples. Journal of Mathematical Analysis and Applications, 2004, 295, 435-443.	0.5	16
115	On weak sequential convergence in JB^* -triple duals. Studia Mathematica, 2004, 160, 117-127.	0.4	5
116	On the axiomatic definition of real JB^* -triples. Mathematische Nachrichten, 2003, 256, 100-106.	0.4	5
117	DERIVATIONS ON REAL AND COMPLEX JB^* -TRIPLES. Journal of the London Mathematical Society, 2002, 65, 85-102.	0.5	33
118	The alternative Dunford-Pettis property in C^* -algebras and von Neumann preduals. Proceedings of the American Mathematical Society, 2002, 131, 1251-1255.	0.4	12
119	Images of contractive projections on operator algebras. Journal of Mathematical Analysis and Applications, 2002, 272, 55-66.	0.5	9
120	Atomic decomposition of real JBW -triples. Quarterly Journal of Mathematics, 2001, 52, 79-87.	0.3	21
121	Grothendieck's inequalities revisited. North-Holland Mathematics Studies, 2001, 189, 409-423.	0.2	3
122	Little Grothendieck's theorem for real JB^* -triples. Mathematische Zeitschrift, 2001, 237, 531-545.	0.4	10
123	On summing operators on JB^* -triples. Manuscripta Mathematica, 2001, 105, 265-281.	0.3	1
124	An Alternative Dunford-Pettis Property for JB -Triples. Quarterly Journal of Mathematics, 2001, 52, 391-401.	0.3	11
125	Grothendieck's Inequalities for Real and Complex JBW^* -Triples. Proceedings of the London Mathematical Society, 2001, 83, 605-625.	0.6	31
126	The alternative Dunford-Pettis Property in the predual of a von Neumann algebra. Studia Mathematica, 2001, 147, 197-200.	0.4	4

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127	Separate weak*-continuity of the triple product in dual real JB*-triples. Mathematische Zeitschrift, 2000, 234, 635-646.	0.4	41
128	Can one identify two unital JB*-algebras by the metric spaces determined by their sets of unitaries?. Linear and Multilinear Algebra, 0, , 1-26.	0.5	2