

Antonio M Peralta

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Automatic continuity of derivations on C^*-algebras and JB^*-triples . <i>Journal of Mathematical Analysis and Applications</i> , 2014, 399, 960-977.	0.5	79
2	Separate weak*-continuity of the triple product in dual real JB^* -triples. <i>Mathematische Zeitschrift</i> , 2000, 234, 635-646.	0.4	41
3	DERIVATIONS ON REAL AND COMPLEX JB^* -TRIPLES. <i>Journal of the London Mathematical Society</i> , 2002, 65, 85-102.	0.5	33
4	Relatively weakly open sets in closed balls of Banach spaces, and real JB^* -triples of finite rank. <i>Mathematische Annalen</i> , 2004, 330, 45.	0.7	33
5	Low rank compact operators and Tingley's problem. <i>Advances in Mathematics</i> , 2018, 338, 1-40.	0.5	32
6	A survey on Tingley's problem for operator algebras. <i>Acta Scientiarum Mathematicarum</i> , 2018, 84, 81-123.	0.2	32
7	Grothendieck's Inequalities for Real and Complex JBW^* -Triples. <i>Proceedings of the London Mathematical Society</i> , 2001, 83, 605-625.	0.6	31
8	ORTHOAGONALITY PRESERVERS REVISITED. <i>Asian-European Journal of Mathematics</i> , 2009, 02, 387-405.	0.2	31
9	Automatic continuity of derivations on C^*-algebras and JB^*-triples . <i>Journal of Algebra</i> , 2014, 399, 960-977.	0.4	31
10	Tingley's problem for spaces of trace class operators. <i>Linear Algebra and Its Applications</i> , 2017, 529, 294-323.	0.4	27
11	Tingley's problem through the facial structure of an atomic JBW^* -triple. <i>Journal of Mathematical Analysis and Applications</i> , 2017, 455, 750-760.	0.5	25
12	Surjective isometries between real JB^* -triples. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2004, 137, 709-723.	0.3	24
13	Automatic continuity of biorthogonality preservers between compact C^* -algebras and von Neumann algebras. <i>Journal of Mathematical Analysis and Applications</i> , 2011, 376, 221-230.	0.5	22
14	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
15	Atomic decomposition of real JBW^* -triples. <i>Quarterly Journal of Mathematics</i> , 2001, 52, 79-87.	0.3	21
16	A solution to Tingley'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
17	Weak-2-local isometries on uniform algebras and Lipschitz algebras. <i>Publicacions Matemàtiques</i> , 2019, 63, 241-264.	0.2	21
18	CLOSED TRIPOTENTS AND WEAK COMPACTNESS IN THE DUAL SPACE OF A JB^* -TRIPLE. <i>Journal of the London Mathematical Society</i> , 2006, 74, 75-92.	0.5	19

#	ARTICLE	IF	CITATIONS
19	ORTHOGONALLY ADDITIVE POLYNOMIALS ON C^* -ALGEBRAS. Quarterly Journal of Mathematics, 2007, 59, 363-374.	0.3	19
20	Local Triple Derivations on C^* -Algebras. Communications in Algebra, 2014, 42, 1276-1286.	0.3	19
21	Local triple derivations on C^* -algebras and JB * -triples. Bulletin of the London Mathematical Society, 2014, 46, 709-724.	0.4	19
22	Weak-local derivations and homomorphisms on C^* -algebras. Linear and Multilinear Algebra, 2016, 64, 169-186.	0.5	19
23	A SAITÅ“TOMITA“LUSIN THEOREM FOR JB^* -TRIPLES AND APPLICATIONS. Quarterly Journal of Mathematics, 2006, 57, 37-48.	0.3	18
24	Weak-2-local \mathfrak{A} -derivations on $B(H)$ are linear \mathfrak{A} -derivations. Linear Algebra and Its Applications, 2015, 487, 276-300.	0.4	18
25	Weak-2-local symmetric maps on C^* -algebras. Linear Algebra and Its Applications, 2016, 494, 32-43.	0.4	18
26	On the Mazur“Ulam property for the space of Hilbert-space-valued continuous functions. Journal of Mathematical Analysis and Applications, 2019, 479, 875-902.	0.5	17
27	Geometric characterization of tripotents in real and complex JB^* -triples. Journal of Mathematical Analysis and Applications, 2004, 295, 435-443.	0.5	16
28	Topological characterisation of weakly compact operators. Journal of Mathematical Analysis and Applications, 2007, 325, 968-974.	0.5	15
29	2-local triple homomorphisms on von Neumann algebras and JBW^* -triples. Journal of Mathematical Analysis and Applications, 2015, 426, 43-63.	0.5	15
30	The Mazur“Ulam property for the space of complex null sequences. Linear and Multilinear Algebra, 2019, 67, 799-816.	0.5	15
31	2-local triple derivations on von Neumann algebras. Illinois Journal of Mathematics, 2014, 58, .	0.1	15
32	A Kowalski“SÅ,odkowski theorem for 2-local \mathfrak{A} -homomorphisms on von Neumann algebras. Revista De La Real Academia De Ciencias Exactas, Físicas Y Naturales - Serie A: Matemáticas, 2015, 109, 551-568.	0.6	14
33	2-Local standard isometries on vector-valued Lipschitz function spaces. Journal of Mathematical Analysis and Applications, 2018, 461, 1287-1298.	0.5	14
34	The Mazur“Ulam property for commutative von Neumann algebras. Linear and Multilinear Algebra, 2020, 68, 337-362.	0.5	14
35	Von neumann regularity and quadratic conorms in JB^* -triples and C^* -algebras. Acta Mathematica Sinica, English Series, 2008, 24, 185-200.	0.2	13
36	TERNARY WEAKLY AMENABLE C^* -ALGEBRAS AND JB^* -TRIPLES. Quarterly Journal of Mathematics, 2013, 64, 1109-1139.	0.3	13

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37	Measures of weak non-compactness in preduals of von Neumann algebras and JBW*-triples. Journal of Functional Analysis, 2020, 278, 108300.	0.7	13
38	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
39	On a generalized Åmrlin's theorem for weak 2-local derivations on $B(H)$. Banach Journal of Mathematical Analysis, 2017, 11, 382-397.	0.4	12
40	Extending surjective isometries defined on the unit sphere of $\ell_\infty(\Gamma)$. Revista Matemática Complutense, 2019, 32, 99-114.	0.7	12
41	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.	0.4	12
42	An Alternative Dunford-Pettis Property for JB-Triples. Quarterly Journal of Mathematics, 2001, 52, 391-401.	0.3	11
43	Non-commutative generalisations of Urysohn's lemma and hereditary inner ideals. Journal of Functional Analysis, 2010, 259, 343-358.	0.7	11
44	Automatic continuity of biorthogonality preservers between weakly compact JBW*-triples and atomic JBW*-triples. Studia Mathematica, 2011, 204, 97-121.	0.4	11
45	Little Grothendieck's theorem for real JB*-triples. Mathematische Zeitschrift, 2001, 237, 531-545.	0.4	10
46	Linear maps on C^* -algebras which are derivations or triple derivations at a point. Linear Algebra and Its Applications, 2018, 538, 1-21.	0.4	10
47	Extension of isometries from the unit sphere of a rank-2 Cartan factor. Analysis and Mathematical Physics, 2021, 11, 1.	0.6	10
48	A note on 2-local representations of C^* -algebras. Operators and Matrices, 2015, , 343-358.	0.1	10
49	Images of contractive projections on operator algebras. Journal of Mathematical Analysis and Applications, 2002, 272, 55-66.	0.5	9
50	Quasi-completely continuous multilinear operators. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2010, 140, 635-649.	0.8	9
51	Automatic continuity of orthogonality preservers on a non-commutative		
52	APPROXIMATION AND CONVEX DECOMPOSITION BY EXTREMALS AND THE \hat{A} -FUNCTION IN JBW*-TRIPLES. Quarterly Journal of Mathematics, 2015, 66, 583-603.	0.3	9
53	On the facial structure of the unit ball in a JB*-triple. Journal Fur Die Reine Und Angewandte Mathematik, 2010, 2010, .	0.4	8
54	Preduals of JBW*-triples are 1-Plichko spaces. Quarterly Journal of Mathematics, 2018, 69, 655-680.	0.3	8

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55	On the unit sphere of positive operators. Banach Journal of Mathematical Analysis, 2019, 13, 91-112. Automatic continuity of M-norms on $\langle \text{mml:math altimg="si1.gif" overflow="scroll"} \rangle$ 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:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.c	0.4	8
56	Orthogonally Additive and Orthogonality Preserving Holomorphic Mappings between C^* -Algebras. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.5	7
57	Similarities and differences between real and complex Banach spaces: an overview and recent developments. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, 1.	0.3	7
58	On the facial structure of the unit ball in the dual space of a JB^* -triple. Mathematische Annalen, 2010, 348, 1019-1032.	0.6	7
59	Sequential w^* continuity and summing operators. Mathematische Nachrichten, 2011, 284, 664-680.	0.7	6
60	Contractive perturbations in JB^* -triples. Journal of the London Mathematical Society, 2012, 85, 349-364.	0.4	6
61	A Kaplansky theorem for JB^* -triples. Proceedings of the American Mathematical Society, 2012, 140, 3179-3191.	0.5	6
62	LINEAR ISOMETRIES BETWEEN REAL JB^* -TRIPLES AND C^* -ALGEBRAS. Quarterly Journal of Mathematics, 2014, 65, 485-503.	0.4	6
63	Positive definite hermitian mappings associated with tripotent elements. , 2015, 33, 252-258.	0.3	6
64	Finite tripotents and finite JBW^* -triples. Journal of Mathematical Analysis and Applications, 2020, 490, 124217.	0.4	6
65	Linear Maps Which are Anti-derivable at Zero. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 4315-4334.	0.5	6
66	Grothendieck's inequalities for JB^* -triples: Proof of the Barton-Friedman conjecture. Transactions of the American Mathematical Society, 2020, 374, 1327-1350.	0.4	6
67	On the axiomatic definition of real JB^* -triples. Mathematische Nachrichten, 2003, 256, 100-106.	0.5	6
68	The Dunford-Pettis and the Kadec-Klee properties on tensor products of JB^* -triples. Mathematische Zeitschrift, 2005, 251, 117-130.	0.4	5
69	The Alternative Dunford-Pettis Property for Subspaces of the Compact Operators. Positivity, 2006, 10, 51-63.	0.4	5
70	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.	0.3	5
71	Orthogonally additive holomorphic functions on C^* -algebras. Operators and Matrices, 2012, , 621-629.	0.8	5
72		0.1	5

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73	Generalized Triple Homomorphisms and Derivations. Canadian Journal of Mathematics, 2013, 65, 783-807.	0.3	5
74	Orthogonal forms and orthogonality preservers on real function algebras. Linear and Multilinear Algebra, 2014, 62, 275-296.	0.5	5
75	Jordan weak amenability and orthogonal forms on JB^* -algebras. Banach Journal of Mathematical Analysis, 2015, 9, 126-145.	0.4	5
76	Stability of derivations under weak-2-local continuous perturbations. Aequationes Mathematicae, 2017, 91, 99-114.	0.4	5
77	One-parameter groups of orthogonality preservers on C^* -algebras. Banach Journal of Mathematical Analysis, 2021, 15, 1.	0.4	5
78	One-parameter semigroups of orthogonality preservers of JB^* -algebras. Advances in Operator Theory, 2021, 6, 1.	0.3	5
79	Some remarks on weak compactness in the dual space of a JB^* -triple. Tohoku Mathematical Journal, 2006, 58, .	0.4	5
80	On weak sequential convergence in JB^* -triple duals. Studia Mathematica, 2004, 160, 117-127.	0.4	5
81	Subdifferentiability of the norm and the Banach-Stone theorem for real and complex JB^* -triples. Manuscripta Mathematica, 2004, 114, 503.	0.3	4
82	Dunford-Pettis properties, Hilbert spaces and projective tensor products. Journal of Functional Analysis, 2007, 253, 692-710.	0.7	4
83	A SHORT PROOF OF A THEOREM OF PFITZNER. Quarterly Journal of Mathematics, 2010, 61, 329-336.	0.3	4
84	Automatic continuity of orthogonality or disjointness preserving bijections. Revista Matematica Complutense, 2013, 26, 57-88.	0.7	4
85	Orthogonal forms and orthogonality preservers on real function algebras revisited. Linear and Multilinear Algebra, 2017, 65, 361-374.	0.5	4
86	Inner Derivations and Weak-2-Local Derivations on the $\widehat{C^*}$ -Algebra $\widehat{C_0(L,A)}$. Integral Equations and Operator Theory, 2017, 89, 89-110.	0.4	4
87	Preservers of $\hat{\sigma}$ -Aluthge transforms. Linear Algebra and Its Applications, 2018, 554, 86-119.	0.4	4
88	Linear maps between C^* -algebras that are $*$ -homomorphisms at a fixed point. Quaestiones Mathematicae, 2019, 42, 151-164.	0.2	4
89	The alternative Dunford-Pettis Property in the predual of a von Neumann algebra. Studia Mathematica, 2001, 147, 197-200.	0.4	4
90	The Kadec-Pełczyński-Rosenthal subsequence splitting lemma for JBW^* -triple preduals. Studia Mathematica, 2015, 227, 77-95.	0.4	4

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91	Weak compactness in the dual space of a JB*-triple is commutatively determined. <i>Mathematica Scandinavica</i> , 2009, 105, 307.	0.1	4
92	Characterizing projections among positive operators in the unit sphere. <i>Advances in Operator Theory</i> , 2018, 3, 731-744.	0.3	4
93	Grothendieck's inequalities revisited. <i>North-Holland Mathematics Studies</i> , 2001, 189, 409-423.	0.2	3
94	THE ALTERNATIVE DUNFORD-PETTIS PROPERTY, CONJUGATIONS AND REAL FORMS OF C*-ALGEBRAS. <i>Journal of the London Mathematical Society</i> , 2005, 71, 161-171.	0.5	3
95	Boundedness of completely additive measures with application to 2-local triple derivations. <i>Journal of Mathematical Physics</i> , 2016, 57, .	0.5	3
96	Aron's 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
97	New advances on the Grothendieck's inequality problem for bilinear forms on JB*-triples. <i>Mathematical Inequalities and Applications</i> , 2005, , 7-21.	0.1	3
98	Exploring new solutions to Tingley's problem for function algebras. <i>Quaestiones Mathematicae</i> , 2023, 46, 1315-1346.	0.2	3
99	The alternative Dunford-Pettis property on projective tensor products. <i>Mathematische Zeitschrift</i> , 2006, 252, 883-897.	0.4	2
100	A Kadec-Pelczyński dichotomy-type theorem for preduals of JBW*-algebras. <i>Israel Journal of Mathematics</i> , 2015, 208, 45-78.	0.4	2
101	ÄEbyÄ«v subspaces of JBW*-triples. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	0.5	2
102	Bilocal *-automorphisms of B(H) satisfying the 3-local property. <i>Archiv Der Mathematik</i> , 2015, 104, 157-164.	0.3	2
103	Linear maps between \mathcal{C}^* -algebras preserving extreme points and strongly linear preservers. <i>Banach Journal of Mathematical Analysis</i> , 2016, 10, 547-565.	0.4	2
104	Extremally rich JB \mathcal{C}^* -triples. <i>Annals of Functional Analysis</i> , 2016, 7, 578-592.	0.3	2
105	Weak-local triple derivations on CâŽ-algebras and JBâŽ-triples. <i>Linear Algebra and Its Applications</i> , 2016, 506, 614-627.	0.4	2
106	Perturbation of $\langle \mathbb{R} \rangle$ in preduals of JBW*-triples. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 434, 149-170.	0.5	2
107	Metric Characterisation of Unitaries in \mathcal{JB}^* -Algebras. <i>Mediterranean Journal of Mathematics</i> , 2020, 17, 1.	0.4	2
108	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

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109	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
110	On summing operators on JB^* -triples. Manuscripta Mathematica, 2001, 105, 265-281.	0.3	1
111	Local Triple Derivations on Real C^* -Algebras and JB^* -Triples. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 941-955.	0.4	1
112	The λ -Function in the Space of Trace Class Operators. Mediterranean Journal of Mathematics, 2018, 15, 1.	0.4	1
113	Contractive linear preservers of absolutely compatible pairs between C^* -algebras. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2019, 113, 2731-2744.	0.6	1
114	A linear preserver problem on maps which are triple derivable at orthogonal pairs. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	0.6	1
115	Factorizing multilinear operators on Banach spaces, C^* -algebras and JB^* -triples. Studia Mathematica, 2009, 192, 129-146.	0.4	1
116	Pointwise-generalized-inverses of linear maps between C^* -algebras and JB^* -triples. Operators and Matrices, 2018, , 369-391.	0.1	1
117	Representation of symmetry transformations on the sets of tripotents of spin and Cartan factors. Analysis and Mathematical Physics, 2022, 12, 1.	0.6	1
118	Surjective isometries between unitary sets of unital JB^* -algebras. Linear Algebra and Its Applications, 2022, 643, 39-79.	0.4	1
119	Determinants in Jordan matrix algebras. Linear and Multilinear Algebra, 2023, 71, 961-1002.	0.5	1
120	A projectionless approach to Rickart Jordan structures. Journal of Algebra, 2022, 609, 567-605.	0.4	1
121	Spin spaces and positive decomposition of linear maps on ordered Banach spaces. Quarterly Journal of Mathematics, 2005, 56, 43-52.	0.3	0
122	Conorm and Essential Conorm in C^* -Algebras. Integral Equations and Operator Theory, 2009, 63, 1-16.	0.4	0
123	Weakly compact orthogonality preservers on C^* -algebras. Mathematische Zeitschrift, 2012, 270, 709-723.	0.4	0
124	Preserver Problems on Function Spaces, Operator Algebras, and Related Topics. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.3	0
125	Weak Banach-Saks property and Komlós theorem for preduals of JBW^* -triples. Proceedings of the American Mathematical Society, 2016, 144, 4723-4731.	0.4	0
126	Geometric implications of the $M(r, s)$ -properties and the uniform Kadec-Klee property in JB^* -triples. Quarterly Journal of Mathematics, 2016, , .	0.3	0

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127	Inner ideals, compact tripotents and \tilde{A} -subtriples of JB \tilde{A} -triples and C^* -algebras. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2017, 111, 129-138.	0.6	0
128	Von Neumann Algebra Preduals Satisfy the Linear Biholomorphic Property. Mathematica Scandinavica, 2016, 118, 277.	0.1	0