Armando Reyes Villena MuÃ±oz

List of Publications by Year
in descending order

78 papers	721 citations	687363 13 h-index	610901 24 g-index
79 all docs	79 docs citations	79 times ranked	143 citing authors

#	Article	IF	Citations
1	Orthogonally additive polynomials on non-commutative $$L^p$$-spaces. Revista Matematica Complutense, 2020, 33, 835-858.	1.2	0
2	Orthogonally additive polynomials on Banach function algebras. Journal of Mathematical Analysis and Applications, 2017, 448, 447-472.	1.0	6
3	Zero Lie product determined Banach algebras. Studia Mathematica, 2017, 239, 189-199.	0.7	7
4	Orthogonally Additive Polynomials and Orthosymmetric Maps in Banach Algebras with Properties ? and ?. Proceedings of the Edinburgh Mathematical Society, 2016, 59, 559-568.	0.3	9
5	Spectral preservers and approximate spectral preservers on operator algebras. Linear Algebra and Its Applications, 2016, 496, 36-70.	0.9	2
6	Disjointness-preserving linear maps on Banach function algebras associated with a locally compact group. Annals of Functional Analysis, 2016, 7, 442-451.	0.8	1
7	COMMUTATORS AND SQUARE-ZERO ELEMENTS IN BANACH ALGEBRAS. Quarterly Journal of Mathematics, 2016, 67, 1-13.	0.8	11
8	Orthogonality preserving linear maps on group algebras. Mathematical Proceedings of the Cambridge Philosophical Society, 2015, 158, 493-504.	0.4	17
9	Orthogonally additive polynomials on Fourier algebras. Journal of Mathematical Analysis and Applications, 2015, 422, 72-83.	1.0	7
10	Derivations preserving quasinilpotent elements. Bulletin of the London Mathematical Society, 2014, 46, 379-384.	0.8	5
11	Determining elements inCâ€—-algebras through spectral properties. Journal of Mathematical Analysis and Applications, 2013, 405, 214-219.	1.0	3
12	Hyperreflexivity of the derivation space of some group algebras, II. Bulletin of the London Mathematical Society, 2012, 44, 323-335.	0.8	7
13	Stability of commuting maps and Lie maps. Studia Mathematica, 2012, 213, 25-48.	0.7	0
14	Metric versions of Herstein's theorems on Jordan maps. Linear and Multilinear Algebra, 2012, 60, 941-954.	1.0	4
15	Maps preserving zeros of a polynomial. Linear Algebra and Its Applications, 2012, 436, 2504-2512.	0.9	2
16	A note on spectrum-preserving maps. Journal of Mathematical Analysis and Applications, 2012, 387, 595-603.	1.0	2
17	Operators shrinking the Arveson spectrum. Publicationes Mathematicae, 2012, 80, 235-254.	0.2	0
18	METRIC VERSIONS OF POSNERâ€™S THEOREMS. Taiwanese Journal of Mathematics, 2012, 16, .	0.4	0

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19	Approximately spectrum-preserving maps. Journal of Functional Analysis, 2011, 261, 233-266.	1.4	11
20	Hyperreflexivity of the derivation space of some group algebras. Mathematische Zeitschrift, 2010, 266, 571-582.	0.9	7
21	Approximately zero-product-preserving maps. Israel Journal of Mathematics, 2010, 178, 1-28.	0.8	14
22	Zero product preserving maps on Banach algebras of Lipschitz functions. Journal of Mathematical Analysis and Applications, 2010, 369, 94-100.	1.0	9
23	On bilinear maps determined by rank one idempotents. Linear Algebra and Its Applications, 2010, 432, 738-743.	0.9	14
24	Characterizing Jordan maps on *C**-algebras through zero products. Proceedings of the Edinburgh Mathematical Society, 2010, 53, 543-555.	0.3	40
25	Maps preserving zero products. Studia Mathematica, 2009, 193, 131-159.	0.7	96
26	Uniqueness of rotation invariant norms. Banach Journal of Mathematical Analysis, 2009, 3, 85-98.	0.8	1
27	Zero product preserving maps on $C^1[0,1]$. Journal of Mathematical Analysis and Applications, 2008, 347, 472-481.	1.0	13
28	A NOTE ON THE CONTINUITY OF OPERATORS INTERTWINING WITH CONVOLUTION OPERATORS. Taiwanese Journal of Mathematics, 2008, 12, .	0.4	1
29	SEMISIMPLE BANACH ALGEBRAS GENERATED BY STRONGLY CONTINUOUS REPRESENTATIONS OF MOORE GROUPS. Quarterly Journal of Mathematics, 2007, 59, 137-147.	0.8	0
30	Characterizing homomorphisms and derivations on C*-algebras. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2007, 137, 1-7.	1.2	51
31	Semisimple Banach algebras generated by compact groups of operators on a Banach space. Journal of Mathematical Analysis and Applications, 2007, 325, 353-358.	1.0	1
32	Automatic continuity of operators commuting with translations. Studia Mathematica, 2006, 173, 259-293.	0.7	0
33	Applications of Kazhdan's property (T) ...	1.0	3
34	Lie triple ideals and Lie triple epimorphisms on Jordan and Jordan–Banach algebras. Studia Mathematica, 2005, 169, 207-228.	0.7	4
35	Multiplicative-Semiprimeness of Nondegenerate Jordan Algebras. Communications in Algebra, 2004, 32, 3995-4003.	0.6	7
36	Symmetric amenability and Lie derivations. Mathematical Proceedings of the Cambridge Philosophical Society, 2004, 137, 433-439.	0.4	16

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37	The strong degree of von Neumann algebras and the structure of Lie and Jordan derivations. Mathematical Proceedings of the Cambridge Philosophical Society, 2004, 137, 441-463.	0.4	18
38	Separating ideals in group algebras. Quarterly Journal of Mathematics, 2004, 55, 303-305.	0.8	2
39	Invariant functionals and the uniqueness of invariant norms. Journal of Functional Analysis, 2004, 215, 366-398.	1.4	5
40	Uniqueness of dilation invariant norms. Proceedings of the American Mathematical Society, 2004, 132, 2067-2073.	0.8	2
41	Uniqueness of norm on Lp(G) and C(G) when G is a compact group. Journal of Functional Analysis, 2003, 197, 212-227.	1.4	4
42	The structure of Lie derivations on Câˆ—-algebras. Journal of Functional Analysis, 2003, 202, 504-525.	1.4	68
43	Functional Identities in Jordan Algebras: Associating Traces and Lie Triple Isomorphisms. Communications in Algebra, 2003, 31, 1207-1234.	0.6	5
44	EPIMORPHISMS ONTO DERIVATION ALGEBRAS. Proceedings of the Edinburgh Mathematical Society, 2003, 46, 379-382.	0.3	2
45	NUMERICAL INDEX AND THE DAUGAVET PROPERTY FOR $L_infty(mu,X)$. Proceedings of the Edinburgh Mathematical Society, 2003, 46, 415-420.	0.3	20
46	Norm attaining bilinear forms on C*-algebras. Studia Mathematica, 2003, 157, 47-56.	0.7	1
47	FUNCTIONAL IDENTITIES IN JORDAN ALGEBRAS: ASSOCIATING MAPS. Communications in Algebra, 2002, 30, 5241-5252.	0.6	8
48	The Noncommutative Singer-Wermer Conjecture and Ï•-Derivations. Journal of the London Mathematical Society, 2002, 66, 710-720.	1.0	34
49	Continuity of Operators Intertwining with Convolution Operators. Journal of Functional Analysis, 2002, 196, 155-161.	1.4	2
50	Uniqueness of the topology on L1(G). Studia Mathematica, 2002, 150, 163-173.	0.7	5
51	A LOCAL PROPERTY OF DERIVATIONS ON JORDANâ€"BANACH ALGEBRAS. Communications in Algebra, 2001, 29, 1295-1300.	0.6	2
52	UNIQUENESS OF THE TOPOLOGY ON SPACES OF VECTOR-VALUED FUNCTIONS. Journal of the London Mathematical Society, 2001, 64, 445-456.	1.0	6
53	Continuity of Derivations, Intertwining Maps, and Cocycles from Banach Algebras. Journal of the London Mathematical Society, 2001, 63, 215-225.	1.0	7
54	The range of a derivation on a Jordanâ€"Banach algebra. Studia Mathematica, 2001, 146, 177-200.	0.7	3

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55	Elements in a commutative Banach algebra determining the norm topology. Proceedings of the American Mathematical Society, 2000, 129, 1057-1064.	0.8	3
56	Lie Derivations on Banach Algebras. Journal of Algebra, 2000, 226, 390-409.	0.7	47
57	Differential equations related to the Williams-Bjerknes tumour model. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2000, 110, 323-334.	0.1	0
58	On the range of a lie derivation on a banach algebra. Communications in Algebra, 2000, 28, 1045-1050.	0.6	2
59	Continuity of Lie Isomorphisms of Banach Algebras. Bulletin of the London Mathematical Society, 1999, 31, 6-10.	0.8	17
60	Path Regularity and Regularity in Mean of 1st Order Processes. Journal of Theoretical Probability, 1998, 11, 435-442.	0.8	0
61	Derivations with a Hereditary Domain. Journal of the London Mathematical Society, 1998, 57, 469-477.	1.0	4
62	Derivations on Banach Pairs. Rocky Mountain Journal of Mathematics, 1998, 28, .	0.4	3
63	Continuity of Lie derivations on Banach algebras. Proceedings of the Edinburgh Mathematical Society, 1998, 41, 625-630.	0.3	20
64	Continuity of Lie mappings of the skew elements of Banach algebras with involution. Proceedings of the American Mathematical Society, 1998, 126, 2717-2720.	0.8	9
65	Like Vanishing Holomorphic Random Functions. Rocky Mountain Journal of Mathematics, 1998, 28, 657.	0.4	1
66	Derivations with a hereditary domain, II. Studia Mathematica, 1998, 130, 275-291.	0.7	3
67	A note on the path holomorphy of random functions holomorphic in mean. Proceedings of the American Mathematical Society, 1997, 125, 1751-1754.	0.8	3
68	Essentially defined derivations on semisimple Banach algebras. Proceedings of the Edinburgh Mathematical Society, 1997, 40, 175-179.	0.3	6
69	Random commutation. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 1997, 107, 201-212.	0.1	1
70	Operators determining the complete norm topology of C(K). Studia Mathematica, 1997, 124, 155-160.	0.7	7
71	Continuity of homomorphism pairs intoH *-triple systems. Proceedings of the Indian Academy of Sciences - Section A, 1996, 106, 79-90.	0.2	0
72	Ring Isomorphisms ofH*-Algebras. Journal of Algebra, 1996, 181, 329-346.	0.7	0

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73	Derivations on Jordan-Banach algebras. Studia Mathematica, 1996, 118, 205-229.	0.7	16
74	Stochastic Continuity of Random Derivations on H âˆ— -Algebras. Proceedings of the American Mathematical Society, 1995, 123, 785.	0.8	4
75	A Random Banach-Steinhaus Theorem. Proceedings of the American Mathematical Society, 1995, 123, 2489.	0.8	2
76	Continuity of Random Derivations. Proceedings of the American Mathematical Society, 1995, 123, 107.	0.8	4
77	Continuity of Derivations on H âˆ— -Algebras. Proceedings of the American Mathematical Society, 1994, 122, 821.	0.8	4
78	Random Jordan Derivations. , 1994, , 389-394.		0