

Manuel Ladra

List of Publications by Year in descending order

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125
all docs

125
docs citations

125
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution algebras and dynamical systems of a worm propagation model. Linear and Multilinear Algebra, 2022, 70, 4097-4116.	1.0	1
2	Central extensions of filiform associative algebras. Linear and Multilinear Algebra, 2021, 69, 1083-1101.	1.0	14
3	Pre-derivations and description of non-strongly nilpotent filiform Leibniz algebras. Communications in Mathematics, 2021, 29, 187-213.	0.3	2
4	On the capability of Leibniz algebras. Georgian Mathematical Journal, 2021, 28, 271-279.	0.6	2
5	Schur's theorem and its relation to the closure properties of the non-abelian tensor product. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 993-1002.	1.2	2
6	HNN-Extension of Lie Superalgebras. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 1959-1970.	0.9	3
7	Rota-type operators on null-filiform associative algebras. Linear and Multilinear Algebra, 2020, 68, 205-219.	1.0	5
8	On a Family of Non-Volterra Quadratic Operators Acting on a Simplex. Qualitative Theory of Dynamical Systems, 2020, 19, 1.	1.7	2
9	Braiding for categorical algebras and crossed modules of algebras I: Associative and Lie algebras. Journal of Algebra and Its Applications, 2020, 19, 2050176.	0.4	2
10	Solvable Leibniz algebras with quasi-filiform Lie algebras of maximum length nilradicals. Communications in Algebra, 2020, 48, 3525-3542.	0.6	1
11	Dealing with negative conditions in automated proving: tools and challenges. The unexpected consequences of Rabinowitsch's trick. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	1.2	3
12	Some Classes of Nilpotent Associative Algebras. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	5
13	Quadratic operators corresponding to permutations. Stochastic Analysis and Applications, 2020, 38, 929-938.	1.5	7
14	The dynamics of $(\hat{\mathbb{C}}, \hat{\mathbb{I}}_{\pm})$ -cubic stochastic operators. Journal of Difference Equations and Applications, 2020, 26, 1514-1525.	1.1	0
15	Naturally Graded Quasi-Filiform Associative Algebras. RSME Springer Series, 2020, , 149-160.	0.1	0
16	Braiding for categorical algebras and crossed modules of algebras II: Leibniz algebras. Filomat, 2020, 34, 1443-1469.	0.5	1
17	Leibniz Algebras Constructed by Representations of General Diamond Lie Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 1281-1293.	0.9	2
18	HNN-extensions of Leibniz algebras. Journal of Algebra, 2019, 532, 183-200.	0.7	7

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19	Minimal representations of filiform Lie algebras and their application for construction of Leibniz algebras. <i>Journal of Geometry and Physics</i> , 2019, 144, 235-244.	1.4	0
20	Markov processes of cubic stochastic matrices: Quadratic stochastic processes. <i>Linear Algebra and Its Applications</i> , 2019, 575, 273-298.	0.9	3
21	Action theory of alternative algebras. <i>Georgian Mathematical Journal</i> , 2019, 26, 177-197.	0.6	2
22	Classification of Naturally Graded Zinbiel Algebras with Characteristic Sequence Equal to $(n \oplus p, p)$. <i>Ukrainian Mathematical Journal</i> , 2019, 71, 985-1005.	0.5	3
23	On Levi's Malcev theorem for Leibniz algebras. <i>Linear and Multilinear Algebra</i> , 2019, 67, 1471-1482.	1.0	3
24	The second cohomology group of simple Leibniz algebras. <i>Journal of Algebra and Its Applications</i> , 2018, 17, 1850222.	0.4	1
25	Universal central extensions of Rinehart algebras. <i>Journal of Algebra and Its Applications</i> , 2018, 17, 1850134.	0.4	3
26	On a Volterra Cubic Stochastic Operator. <i>Bulletin of Mathematical Biology</i> , 2018, 80, 319-334.	1.9	16
27	Exact sequences in homology of multiplicative Lie rings and a new version of Stallings' theorem. <i>Journal of Pure and Applied Algebra</i> , 2018, 222, 1786-1802.	0.6	1
28	Universal Central Extensions of Leibniz Superalgebras Over Superdialgebras. <i>Mediterranean Journal of Mathematics</i> , 2017, 14, 1.	0.8	2
29	Solvable Leibniz algebras with naturally graded non-Lie p -filiform nilradicals. <i>Communications in Algebra</i> , 2017, 45, 4329-4347.	0.6	8
30	On some closure properties of the non-abelian tensor product. <i>Journal of Algebra</i> , 2017, 472, 399-413.	0.7	10
31	Non-abelian tensor and exterior products of multiplicative Lie rings. <i>Forum Mathematicum</i> , 2017, 29, .	0.7	3
32	Construction of flows of finite-dimensional algebras. <i>Journal of Algebra</i> , 2017, 492, 475-489.	0.7	4
33	Some irreducible components of the variety of complex $(n+1)$ -dimensional Leibniz algebras. <i>Journal of Geometry and Physics</i> , 2017, 121, 228-246.	1.4	1
34	A Natural Extension of the Universal Enveloping Algebra Functor to Crossed Modules of Leibniz Algebras. <i>Applied Categorical Structures</i> , 2017, 25, 1059-1076.	0.5	0
35	On the Equiprobable Strictly Non-Volterra Quadratic Stochastic Operators. <i>Qualitative Theory of Dynamical Systems</i> , 2017, 16, 645-655.	1.7	10
36	More on crossed modules in Lie, Leibniz, associative and diassociative algebras. <i>Journal of Algebra and Its Applications</i> , 2017, 16, 1750107.	0.4	6

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37	Flow of finite-dimensional algebras. <i>Journal of Algebra</i> , 2017, 470, 263-288.	0.7	7
38	Algebras of cubic matrices. <i>Linear and Multilinear Algebra</i> , 2017, 65, 1316-1328.	1.0	1
39	Universal central extensions of $\mathfrak{sl}(m, n, A)$ over associative superalgebras. <i>Turkish Journal of Mathematics</i> , 2017, 41, 1552-1569.	0.7	1
40	On Identically Distributed non-Volterra Cubic Stochastic Operator. <i>Journal of Applied Nonlinear Dynamics</i> , 2017, 1, 79-90.	0.3	8
41	Universal enveloping crossed module of Leibniz crossed modules and representations. <i>Journal of Physics: Conference Series</i> , 2016, 697, 012007.	0.4	0
42	On $HL^2(L)$ for semisimple Leibniz algebras. <i>Journal of Physics: Conference Series</i> , 2016, 697, 012008.	0.4	0
43	Leibniz algebras associated with some finite-dimensional representation of Diamond Lie algebra. <i>Journal of Physics: Conference Series</i> , 2016, 697, 012006.	0.4	0
44	ON THE ALGEBRAIC PROPERTIES OF THE HUMAN ABO-BLOOD GROUP INHERITANCE PATTERN. <i>ANZIAM Journal</i> , 2016, 58, 78-95.	0.2	2
45	Automorphisms and Derivations of Leibniz Algebras. <i>Ukrainian Mathematical Journal</i> , 2016, 68, 1062-1076.	0.5	5
46	Bounding the gap between a free group (outer) automorphism and its inverse. <i>Collectanea Mathematica</i> , 2016, 67, 329-346.	0.9	2
47	Non-Ergodicity of Uniform Quadratic Stochastic Operators. <i>Qualitative Theory of Dynamical Systems</i> , 2016, 15, 257-271.	1.7	23
48	Test for Leibniz n-algebra structure. <i>Linear Algebra and Its Applications</i> , 2016, 494, 138-155.	0.9	4
49	F-evolution algebra. <i>Filomat</i> , 2016, 30, 2637-2652.	0.5	5
50	Non-abelian tensor product and homology of Lie superalgebras. <i>Journal of Algebra</i> , 2015, 440, 464-488.	0.7	15
51	Conditional cubic stochastic operator. <i>Journal of Difference Equations and Applications</i> , 2015, 21, 1163-1170.	1.1	12
52	On solvable Leibniz algebras whose nilradical is a direct sum of null-filiform algebras. <i>Linear and Multilinear Algebra</i> , 2014, 62, 1220-1239.	1.0	14
53	Dibaric and evolution algebras in biology. <i>Lobachevskii Journal of Mathematics</i> , 2014, 35, 198-210.	0.9	10
54	On Evolution Algebras. <i>Algebra Colloquium</i> , 2014, 21, 331-342.	0.2	48

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55	The excision theorems in Hochschild and cyclic homologies. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2014, 144, 305-317.	1.2	2
56	Adjunction between crossed modules of groups and algebras. Journal of Homotopy and Related Structures, 2014, 9, 223-237.	0.7	6
57	Baer Invariants and Cohomology of Precrossed Modules. Applied Categorical Structures, 2014, 22, 289-304.	0.5	0
58	Left-right noncommutative Poisson algebras. Open Mathematics, 2014, 12, .	1.0	3
59	The Classification of Non-Characteristically Nilpotent Filiform Leibniz Algebras. Algebras and Representation Theory, 2014, 17, 945-969.	0.7	5
60	An evolution algebra in population genetics. Linear Algebra and Its Applications, 2014, 457, 348-362.	0.9	22
61	Universal enveloping crossed module of a Lie crossed module. Homology, Homotopy and Applications, 2014, 16, 143-158.	0.4	4
62	Evolution algebra of a bisexual population. Journal of Algebra, 2013, 378, 153-172.	0.7	32
63	Categorical interpretations of some key agreement protocols. Journal of Mathematical Sciences, 2013, 195, 439-444.	0.4	5
64	Actor of a Lie "Leibniz Algebra. Communications in Algebra, 2013, 41, 1570-1587.	0.6	5
65	Classification of solvable Leibniz algebras with naturally graded filiform nilradical. Linear Algebra and Its Applications, 2013, 438, 2973-3000.	0.9	38
66	Some radicals, Frattini and Cartan subalgebras of Leibniz n -algebras. Linear and Multilinear Algebra, 2013, 61, 1510-1527.	1.0	5
67	Classification of solvable Leibniz algebras with null-filiform nilradical. Linear and Multilinear Algebra, 2013, 61, 758-774.	1.0	54
68	On nilpotent index and dibaricity of evolution algebras. Linear Algebra and Its Applications, 2013, 439, 90-105.	0.9	24
69	Classification of p -adic 6-dimensional filiform Leibniz algebras by solutions of $x^q = a$. Open Mathematics, 2013, 11, .	1.0	1
70	On the degenerations of solvable Leibniz algebras. Linear Algebra and Its Applications, 2013, 439, 472-487.	0.9	26
71	COTRIPLE HOMOLOGY OF CROSSED 2-CUBES OF LIE ALGEBRAS. Journal of Algebra and Its Applications, 2013, 12, 1350007.	0.4	1
72	Chevalley-Eilenberg homology of crossed modules of Lie algebras in lower dimensions. Homology, Homotopy and Applications, 2013, 15, 185-194.	0.4	0

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73	ON NILPOTENT LEIBNIZ n -ALGEBRAS. <i>Journal of Algebra and Its Applications</i> , 2012, 11, 1250062.	0.4	14
74	Actions in the Category of Precrossed Modules in Lie Algebras. <i>Communications in Algebra</i> , 2012, 40, 2962-2982.	0.6	5
75	Cyclic homologies of crossed modules of algebras. <i>Journal of Noncommutative Geometry</i> , 2012, 6, 749-771.	0.5	8
76	Two generalizations of the nonabelian tensor product. <i>Journal of Algebra</i> , 2012, 369, 96-113.	0.7	3
77	An algorithm for the classification of 3-dimensional complex Leibniz algebras. <i>Linear Algebra and Its Applications</i> , 2012, 436, 3747-3756.	0.9	41
78	On the non-existence of a cyclic homology theory with coefficients. <i>Mathematical Research Letters</i> , 2012, 19, 837-845.	0.5	1
79	A chain of evolution algebras. <i>Linear Algebra and Its Applications</i> , 2011, 435, 852-870.	0.9	36
80	More on the Hochschild and Cyclic Homologies of Crossed Modules of Algebras. <i>Communications in Algebra</i> , 2011, 39, 4447-4460.	0.6	1
81	The generalized conjugacy problem for virtually free groups. <i>Forum Mathematicum</i> , 2011, 23, .	0.7	5
82	Homology and central extensions of Leibniz and Lie n -algebras. <i>Homology, Homotopy and Applications</i> , 2011, 13, 59-74.	0.4	4
83	Homological aspects of Lie algebra crossed modules. <i>Manuscripta Mathematica</i> , 2010, 131, 385-401.	0.6	9
84	Universal Strict General Actors and Actors in Categories of Interest. <i>Applied Categorical Structures</i> , 2010, 18, 85-114.	0.5	25
85	Higher Hopf formula for homology of Leibniz n -algebras. <i>Journal of Pure and Applied Algebra</i> , 2010, 214, 797-808.	0.6	7
86	Cyclic homology via derived functors. <i>Homology, Homotopy and Applications</i> , 2010, 12, 321-334.	0.4	4
87	Actor of a Precrossed Module. <i>Communications in Algebra</i> , 2009, 37, 4516-4541.	0.6	6
88	The precise center of a crossed module. <i>Journal of Group Theory</i> , 2009, 12, .	0.2	6
89	Gröbner bases in universal enveloping algebras of Leibniz algebras. <i>Journal of Symbolic Computation</i> , 2009, 44, 517-526.	0.8	4
90	Algorithm for Testing the Leibniz Algebra Structure. <i>Lecture Notes in Computer Science</i> , 2009, , 177-186.	1.3	1

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91	Hochschild homology with coefficients in an H -bital ideal. Homology, Homotopy and Applications, 2009, 11, 1-4.	0.4	0
92	Peiffer elements in simplicial groups and algebras. Journal of Pure and Applied Algebra, 2008, 212, 2115-2128.	0.6	4
93	A note on Gröbner bases and Berlekamp's algorithm. Applied Mathematics and Computation, 2008, 196, 77-85.	2.2	0
94	Hopf type formulas for cyclic homology. Comptes Rendus Mathematique, 2008, 346, 385-390.	0.3	3
95	Crossed modules for Leibniz n -algebras. Forum Mathematicum, 2008, 20, .	0.7	14
96	Poincaré-Birkhoff-Witt theorem for Leibniz n -algebras. Journal of Symbolic Computation, 2007, 42, 1052-1065.	0.8	7
97	Homology of multiplicative Lie rings. Journal of Pure and Applied Algebra, 2007, 208, 761-777.	0.6	10
98	On universal central extensions of precrossed and crossed modules. Journal of Pure and Applied Algebra, 2007, 210, 177-191.	0.6	4
99	Ganea Term for the Homology of Precrossed Modules. Communications in Algebra, 2006, 34, 3817-3834.	0.6	3
100	On Solvability and Nilpotency of Leibniz-Algebras. Communications in Algebra, 2006, 34, 2769-2780.	0.6	11
101	Homology of n -algebras. Journal of Pure and Applied Algebra, 2006, 208, 761-777.	0.6	8
102	Triple cohomology of Lie-Rinehart algebras and the canonical class of associative algebras. Journal of Algebra, 2005, 291, 144-163.	0.7	12
103	Central Extensions of Precrossed Modules. Applied Categorical Structures, 2004, 12, 339-354.	0.5	5
104	Crossed modules for Lie-Rinehart algebras. Journal of Algebra, 2004, 274, 192-201.	0.7	9
105	NON-ABELIAN HOMOLOGY OF LIE ALGEBRAS. Glasgow Mathematical Journal, 2004, 46, 417-429.	0.3	10
106	INTERNAL q -HOMOLOGY OF CROSSED MODULES. Proceedings of the Edinburgh Mathematical Society, 2004, 47, 397-409.	0.3	0
107	Universal central extensions of precrossed modules and Milnor's relative K_2 . Journal of Pure and Applied Algebra, 2003, 184, 139-154.	0.6	7
108	N -Crossed Extensions of Crossed Modules. Communications in Algebra, 2003, 31, 5525-5551.	0.6	0

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109	Non-abelian Tensor Product of Leibniz Algebras and an Exact Sequence in Leibniz Homology. Communications in Algebra, 2003, 31, 4639-4646.	0.6	9
110	OBSTRUCTION THEORY IN CROSSED MODULES. Communications in Algebra, 2002, 30, 3589-3609.	0.6	1
111	Derived functors and the homology of n-types. Journal of Algebra, 2002, 256, 583-598.	0.7	13
112	Homology of precrossed modules. Illinois Journal of Mathematics, 2002, 46, .	0.1	8
113	CCG-Homology of Crossed Modules via Classifying Spaces. Journal of Algebra, 2000, 229, 660-665.	0.7	16
114	$H_2(T, G, \hat{\alpha})$ and central extensions for crossed modules. Proceedings of the Edinburgh Mathematical Society, 1999, 42, 169-177.	0.3	12
115	The actor of a crossed module in lie algebras. Communications in Algebra, 1998, 26, 2065-2089.	0.6	16
116	Nilpotent crossed modules and homology. Communications in Algebra, 1998, 26, 417-424.	0.6	2
117	On totally free crossed modules. Glasgow Mathematical Journal, 1998, 40, 323-332.	0.3	6
118	Perfect crossed modules in lie algebras. Communications in Algebra, 1995, 23, 1625-1644.	0.6	13
119	Crossed modules and homology. Journal of Pure and Applied Algebra, 1994, 95, 41-55.	0.6	23
120	Low-dimensional non-abelian Leibniz cohomology. Forum Mathematicum, 0, , ---.	0.7	0
121	The non-abelian tensor and exterior products of crossed modules of Lie superalgebras. Journal of Algebra and Its Applications, 0, , 2250169.	0.4	0
122	On the algebraic properties of the human ABO-blood group inheritance pattern. ANZIAM Journal, 0, 58, 78.	0.0	0
123	UNIVERSAL CENTRAL EXTENSIONS OF BRAIDED LIE CROSSED MODULES. , 0, , 1-16.	1.0	0