

Manuel Ladra

List of Publications by Year in descending order

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papers

940
citations

567281

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125
all docs

125
docs citations

125
times ranked

184
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of solvable Leibniz algebras with null-filiform nilradical. Linear and Multilinear Algebra, 2013, 61, 758-774.	1.0	54
2	On Evolution Algebras. Algebra Colloquium, 2014, 21, 331-342.	0.2	48
3	An algorithm for the classification of 3-dimensional complex Leibniz algebras. Linear Algebra and Its Applications, 2012, 436, 3747-3756.	0.9	41
4	Classification of solvable Leibniz algebras with naturally graded filiform nilradical. Linear Algebra and Its Applications, 2013, 438, 2973-3000.	0.9	38
5	A chain of evolution algebras. Linear Algebra and Its Applications, 2011, 435, 852-870.	0.9	36
6	Evolution algebra of a bisexual population. Journal of Algebra, 2013, 378, 153-172.	0.7	32
7	On the degenerations of solvable Leibniz algebras. Linear Algebra and Its Applications, 2013, 439, 472-487.	0.9	26
8	Universal Strict General Actors and Actors in Categories of Interest. Applied Categorical Structures, 2010, 18, 85-114.	0.5	25
9	On nilpotent index and dibaricity of evolution algebras. Linear Algebra and Its Applications, 2013, 439, 90-105.	0.9	24
10	Crossed modules and homology. Journal of Pure and Applied Algebra, 1994, 95, 41-55.	0.6	23
11	Non-Ergodicity of Uniform Quadratic Stochastic Operators. Qualitative Theory of Dynamical Systems, 2016, 15, 257-271.	1.7	23
12	An evolution algebra in population genetics. Linear Algebra and Its Applications, 2014, 457, 348-362.	0.9	22
13	The actor of a crossed module in lie algebras. Communications in Algebra, 1998, 26, 2065-2089.	0.6	16
14	CCG-Homology of Crossed Modules via Classifying Spaces. Journal of Algebra, 2000, 229, 660-665.	0.7	16
15	On a Volterra Cubic Stochastic Operator. Bulletin of Mathematical Biology, 2018, 80, 319-334.	1.9	16
16	Non-abelian tensor product and homology of Lie superalgebras. Journal of Algebra, 2015, 440, 464-488.	0.7	15
17	Crossed modules for Leibniz n -algebras. Forum Mathematicum, 2008, 20, .	0.7	14
18	ON NILPOTENT LEIBNIZ n -ALGEBRAS. Journal of Algebra and Its Applications, 2012, 11, 1250062.	0.4	14

#	ARTICLE	IF	CITATIONS
37	Solvable Leibniz algebras with naturally graded non-Lie n -filiform nilradicals. Communications in Algebra, 2017, 45, 4329-4347.	0.6	8
38	Homology of precrossed modules. Illinois Journal of Mathematics, 2002, 46, .	0.1	8
39	On Identically Distributed non-Volterra Cubic Stochastic Operator. Journal of Applied Nonlinear Dynamics, 2017, 1, 79-90.	0.3	8
40	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
41	Poincaré-Birkhoff-Witt theorem for Leibniz n -algebras. Journal of Symbolic Computation, 2007, 42, 1052-1065.	0.8	7
42	Higher Hopf formula for homology of Leibniz n -algebras. Journal of Pure and Applied Algebra, 2010, 214, 797-808.	0.6	7
43	Flow of finite-dimensional algebras. Journal of Algebra, 2017, 470, 263-288.	0.7	7
44	HNN-extensions of Leibniz algebras. Journal of Algebra, 2019, 532, 183-200.	0.7	7
45	Quadratic operators corresponding to permutations. Stochastic Analysis and Applications, 2020, 38, 929-938.	1.5	7
46	On totally free crossed modules. Glasgow Mathematical Journal, 1998, 40, 323-332.	0.3	6
47	Actor of a Precrossed Module. Communications in Algebra, 2009, 37, 4516-4541.	0.6	6
48	The precise center of a crossed module. Journal of Group Theory, 2009, 12, .	0.2	6
49	Adjunction between crossed modules of groups and algebras. Journal of Homotopy and Related Structures, 2014, 9, 223-237.	0.7	6
50	More on crossed modules in Lie, Leibniz, associative and diassociative algebras. Journal of Algebra and Its Applications, 2017, 16, 1750107.	0.4	6
51	Central Extensions of Precrossed Modules. Applied Categorical Structures, 2004, 12, 339-354.	0.5	5
52	The generalized conjugacy problem for virtually free groups. Forum Mathematicum, 2011, 23, .	0.7	5
53	Actions in the Category of Precrossed Modules in Lie Algebras. Communications in Algebra, 2012, 40, 2962-2982.	0.6	5
54	Categorical interpretations of some key agreement protocols. Journal of Mathematical Sciences, 2013, 195, 439-444.	0.4	5

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55	Actor of a Lieâ€“Leibniz Algebra. Communications in Algebra, 2013, 41, 1570-1587.	0.6	5
56	Some radicals, Frattini and Cartan subalgebras of Leibniz n -algebras. Linear and Multilinear Algebra, 2013, 61, 1510-1527.	1.0	5
57	The Classification of Non-Characteristically Nilpotent Filiform Leibniz Algebras. Algebras and Representation Theory, 2014, 17, 945-969.	0.7	5
58	Automorphisms and Derivations of Leibniz Algebras. Ukrainian Mathematical Journal, 2016, 68, 1062-1076.	0.5	5
59	Rota-type operators on null-filiform associative algebras. Linear and Multilinear Algebra, 2020, 68, 205-219.	1.0	5
60	Some Classes of Nilpotent Associative Algebras. Mediterranean Journal of Mathematics, 2020, 17, 1.	0.8	5
61	F-evolution algebra. Filomat, 2016, 30, 2637-2652.	0.5	5
62	On universal central extensions of precrossed and crossed modules. Journal of Pure and Applied Algebra, 2007, 210, 177-191.	0.6	4
63	Peiffer elements in simplicial groups and algebras. Journal of Pure and Applied Algebra, 2008, 212, 2115-2128.	0.6	4
64	GrÃ“bner bases in universal enveloping algebras of Leibniz algebras. Journal of Symbolic Computation, 2009, 44, 517-526.	0.8	4
65	Homology and central extensions of Leibniz and Lie n -algebras. Homology, Homotopy and Applications, 2011, 13, 59-74.	0.4	4
66	Test for Leibniz n -algebra structure. Linear Algebra and Its Applications, 2016, 494, 138-155.	0.9	4
67	Construction of flows of finite-dimensional algebras. Journal of Algebra, 2017, 492, 475-489.	0.7	4
68	Cyclic homology via derived functors. Homology, Homotopy and Applications, 2010, 12, 321-334.	0.4	4
69	Universal enveloping crossed module of a Lie crossed module. Homology, Homotopy and Applications, 2014, 16, 143-158.	0.4	4
70	Ganea Term for the Homology of Precrossed Modules. Communications in Algebra, 2006, 34, 3817-3834.	0.6	3
71	Hopf type formulas for cyclic homology. Comptes Rendus Mathematique, 2008, 346, 385-390.	0.3	3
72	Two generalizations of the nonabelian tensor product. Journal of Algebra, 2012, 369, 96-113.	0.7	3

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73	Left-right noncommutative Poisson algebras. <i>Open Mathematics</i> , 2014, 12, .	1.0	3
74	Non-abelian tensor and exterior products of multiplicative Lie rings. <i>Forum Mathematicum</i> , 2017, 29, .	0.7	3
75	Universal central extensions of Lie-Rinehart algebras. <i>Journal of Algebra and Its Applications</i> , 2018, 17, 1850134.	0.4	3
76	Markov processes of cubic stochastic matrices: Quadratic stochastic processes. <i>Linear Algebra and Its Applications</i> , 2019, 575, 273-298.	0.9	3
77	Classification of Naturally Graded Zinbiel Algebras with Characteristic Sequence Equal to $(n \hat{=} p, p)$. <i>Ukrainian Mathematical Journal</i> , 2019, 71, 985-1005.	0.5	3
78	On Levi-Malcev theorem for Leibniz algebras. <i>Linear and Multilinear Algebra</i> , 2019, 67, 1471-1482.	1.0	3
79	HNN-Extension of Lie Superalgebras. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43, 1959-1970.	0.9	3
80	Dealing with negative conditions in automated proving: tools and challenges. The unexpected consequences of Rabinowitsch's trick. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	1.2	3
81	Nilpotent crossed modules and homology. <i>Communications in Algebra</i> , 1998, 26, 417-424.	0.6	2
82	The excision theorems in Hochschild and cyclic homologies. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2014, 144, 305-317.	1.2	2
83	ON THE ALGEBRAIC PROPERTIES OF THE HUMAN ABO-BLOOD GROUP INHERITANCE PATTERN. <i>ANZIAM Journal</i> , 2016, 58, 78-95.	0.2	2
84	Bounding the gap between a free group (outer) automorphism and its inverse. <i>Collectanea Mathematica</i> , 2016, 67, 329-346.	0.9	2
85	Universal Central Extensions of Leibniz Superalgebras Over Superdialgebras. <i>Mediterranean Journal of Mathematics</i> , 2017, 14, 1.	0.8	2
86	Leibniz Algebras Constructed by Representations of General Diamond Lie Algebras. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2019, 42, 1281-1293.	0.9	2
87	Action theory of alternative algebras. <i>Georgian Mathematical Journal</i> , 2019, 26, 177-197.	0.6	2
88	Schur's theorem and its relation to the closure properties of the non-abelian tensor product. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2020, 150, 993-1002.	1.2	2
89	On a Family of Non-Volterra Quadratic Operators Acting on a Simplex. <i>Qualitative Theory of Dynamical Systems</i> , 2020, 19, 1.	1.7	2
90	Braiding for categorical algebras and crossed modules of algebras I: Associative and Lie algebras. <i>Journal of Algebra and Its Applications</i> , 2020, 19, 2050176.	0.4	2

#	ARTICLE	IF	CITATIONS
91	Pre-derivations and description of non-strongly nilpotent filiform Leibniz algebras. Communications in Mathematics, 2021, 29, 187-213.	0.3	2
92	On the capability of Leibniz algebras. Georgian Mathematical Journal, 2021, 28, 271-279.	0.6	2
93	OBSTRUCTION THEORY IN CROSSED MODULES. Communications in Algebra, 2002, 30, 3589-3609.	0.6	1
94	More on the Hochschild and Cyclic Homologies of Crossed Modules of Algebras. Communications in Algebra, 2011, 39, 4447-4460.	0.6	1
95	Classification of p-adic 6-dimensional filiform Leibniz algebras by solutions of $x^q = a$. Open Mathematics, 2013, 11, .	1.0	1
96	COTRIPLE HOMOLOGY OF CROSSED 2-CUBES OF LIE ALGEBRAS. Journal of Algebra and Its Applications, 2013, 12, 1350007.	0.4	1
97	Some irreducible components of the variety of complex $(n+1)$ -dimensional Leibniz algebras. Journal of Geometry and Physics, 2017, 121, 228-246.	1.4	1
98	Algebras of cubic matrices. Linear and Multilinear Algebra, 2017, 65, 1316-1328.	1.0	1
99	Universal central extensions of $\mathfrak{sl}(m, n, A)$ over associative superalgebras. Turkish Journal of Mathematics, 2017, 41, 1552-1569.	0.7	1
100	The second cohomology group of simple Leibniz algebras. Journal of Algebra and Its Applications, 2018, 17, 1850222.	0.4	1
101	Exact sequences in homology of multiplicative Lie rings and a new version of Stallings' theorem. Journal of Pure and Applied Algebra, 2018, 222, 1786-1802.	0.6	1
102	Solvable Leibniz algebras with quasi-filiform Lie algebras of maximum length nilradicals. Communications in Algebra, 2020, 48, 3525-3542.	0.6	1
103	Evolution algebras and dynamical systems of a worm propagation model. Linear and Multilinear Algebra, 2022, 70, 4097-4116.	1.0	1
104	Algorithm for Testing the Leibniz Algebra Structure. Lecture Notes in Computer Science, 2009, , 177-186.	1.3	1
105	On the non-existence of a cyclic homology theory with coefficients. Mathematical Research Letters, 2012, 19, 837-845.	0.5	1
106	Braiding for categorical algebras and crossed modules of algebras II: Leibniz algebras. Filomat, 2020, 34, 1443-1469.	0.5	1
107	N-Crossed Extensions of Crossed Modules. Communications in Algebra, 2003, 31, 5525-5551.	0.6	0
108	INTERNAL q -HOMOLOGY OF CROSSED MODULES. Proceedings of the Edinburgh Mathematical Society, 2004, 47, 397-409.	0.3	0

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109	A note on Gröbner bases and Berlekamp's algorithm. Applied Mathematics and Computation, 2008, 196, 77-85.	2.2	0
110	Low-dimensional non-abelian Leibniz cohomology. Forum Mathematicum, 0, , ---.	0.7	0
111	Baer Invariants and Cohomology of Precrossed Modules. Applied Categorical Structures, 2014, 22, 289-304.	0.5	0
112	Universal enveloping crossed module of Leibniz crossed modules and representations. Journal of Physics: Conference Series, 2016, 697, 012007.	0.4	0
113	On $H^2(L, L)$ for semisimple Leibniz algebras. Journal of Physics: Conference Series, 2016, 697, 012008.	0.4	0
114	Leibniz algebras associated with some finite-dimensional representation of Diamond Lie algebra. Journal of Physics: Conference Series, 2016, 697, 012006.	0.4	0
115	A Natural Extension of the Universal Enveloping Algebra Functor to Crossed Modules of Leibniz Algebras. Applied Categorical Structures, 2017, 25, 1059-1076.	0.5	0
116	Minimal representations of filiform Lie algebras and their application for construction of Leibniz algebras. Journal of Geometry and Physics, 2019, 144, 235-244.	1.4	0
117	The non-abelian tensor and exterior products of crossed modules of Lie superalgebras. Journal of Algebra and Its Applications, 0, , 2250169.	0.4	0
118	Hochschild homology with coefficients in an $\mathcal{H}\mathcal{H}$ -unital ideal. Homology, Homotopy and Applications, 2009, 11, 1-4.	0.4	0
119	Chevalley-Eilenberg homology of crossed modules of Lie algebras in lower dimensions. Homology, Homotopy and Applications, 2013, 15, 185-194.	0.4	0
120	On the algebraic properties of the human ABO-blood group inheritance pattern. ANZIAM Journal, 0, 58, 78.	0.0	0
121	The dynamics of $(\mathbb{F}, \hat{L}_\pm)$ -cubic stochastic operators. Journal of Difference Equations and Applications, 2020, 26, 1514-1525.	1.1	0
122	Naturally Graded Quasi-Filiform Associative Algebras. RSME Springer Series, 2020, , 149-160.	0.1	0
123	UNIVERSAL CENTRAL EXTENSIONS OF BRAIDED LIE CROSSED MODULES. , 0, , 1-16.	1.0	0