

Bakhrom Omirov

List of Publications by Year in descending order

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102
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102
docs citations

102
times ranked

130
citing authors

#	ARTICLE	IF	CITATIONS
1	On Some Classes of Nilpotent Leibniz Algebras. Siberian Mathematical Journal, 2001, 42, 15-24.	0.6	80
2	ON NILPOTENT AND SIMPLE LEIBNIZ ALGEBRAS. Communications in Algebra, 2005, 33, 159-172.	0.6	65
3	Classification of solvable Leibniz algebras with null-filiform nilradical. Linear and Multilinear Algebra, 2013, 61, 758-774.	1.0	54
4	On Leibniz Algebras. , 1998, , 1-12.		52
5	On Evolution Algebras. Algebra Colloquium, 2014, 21, 331-342.	0.2	48
6	Varieties of Nilpotent Complex Leibniz Algebras of Dimension Less than Five. Communications in Algebra, 2005, 33, 1575-1585.	0.6	44
7	Conjugacy of Cartan subalgebras of complex finite-dimensional Leibniz algebras. Journal of Algebra, 2006, 302, 887-896.	0.7	39
8	Classification of solvable Leibniz algebras with naturally graded filiform nilradical. Linear Algebra and Its Applications, 2013, 438, 2973-3000.	0.9	38
9	SOME PROPERTIES OF EVOLUTION ALGEBRAS. Bulletin of the Korean Mathematical Society, 2013, 50, 1481-1494.	0.3	33
10	The derivations of some evolution algebras. Linear and Multilinear Algebra, 2013, 61, 309-322.	1.0	32
11	ON LIE-LIKE COMPLEX FILIFORM LEIBNIZ ALGEBRAS. Bulletin of the Australian Mathematical Society, 2009, 79, 391-404.	0.5	27
12	Naturally graded quasi-filiform Leibniz algebras. Journal of Symbolic Computation, 2009, 44, 527-539.	0.8	26
13	On the degenerations of solvable Leibniz algebras. Linear Algebra and Its Applications, 2013, 439, 472-487.	0.9	26
14	On cubic equations over p-adic fields. International Journal of Number Theory, 2014, 10, 1171-1190.	0.5	26
15	Central extensions of null-filiform and naturally graded filiform non-Lie Leibniz algebras. Journal of Algebra, 2017, 479, 461-486.	0.7	26
16	On Description of Leibniz Algebras Corresponding to $sl(2)$. Algebras and Representation Theory, 2013, 16, 1507-1519.	0.7	25
17	On nilpotent index and dibaricity of evolution algebras. Linear Algebra and Its Applications, 2013, 439, 90-105.	0.9	24
18	n-Dimensional filiform Leibniz algebras of length n . Journal of Algebra, 2017, 479, 2471-2488.	0.8	24

#	ARTICLE	IF	CITATIONS
19	Cartan Subalgebras, Weight Spaces, and Criterion of Solvability of Finite Dimensional Leibniz Algebras. <i>Revista Matematica Complutense</i> , 2006, 19, 183.	1.2	21
20	A Characterization of Nilpotent Leibniz Algebras. <i>Algebras and Representation Theory</i> , 2013, 16, 1489-1505.	0.7	21
21	Some remarks on semisimple Leibniz algebras. <i>Journal of Algebra</i> , 2014, 410, 526-540.	0.7	19
22	Naturally Graded 2-Filiform Leibniz Algebras. <i>Communications in Algebra</i> , 2010, 38, 3671-3685.	0.6	17
23	The Classification of Naturally Graded p -Filiform Leibniz Algebras. <i>Communications in Algebra</i> , 2010, 39, 153-168.	0.6	17
24	Local and 2-Local Derivations and Automorphisms on Simple Leibniz Algebras. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2020, 43, 2199-2234.	0.9	17
25	Solvability of cubic equations in p -ADIC integers ($p > 3$). <i>Siberian Mathematical Journal</i> , 2013, 54, 501-516.	0.6	16
26	Infinitesimal deformations of null-filiform Leibniz superalgebras. <i>Journal of Geometry and Physics</i> , 2013, 74, 370-380.	1.4	16
27	Constrained evolution algebras and dynamical systems of a bisexual population. <i>Linear Algebra and Its Applications</i> , 2016, 496, 351-380.	0.9	16
28	On the Derivations of Filiform Leibniz Algebras. <i>Mathematical Notes</i> , 2005, 77, 677-685.	0.4	15
29	The classification of algebras of level one. <i>Linear Algebra and Its Applications</i> , 2013, 439, 3460-3463.	0.9	15
30	ON NILPOTENT LEIBNIZ n -ALGEBRAS. <i>Journal of Algebra and Its Applications</i> , 2012, 11, 1250062.	0.4	14
31	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
32	On Classification of Filiform Leibniz Algebras. <i>Algebra Colloquium</i> , 2015, 22, 757-774.	0.2	13
33	p -Filiform Zinbiel algebras. <i>Linear Algebra and Its Applications</i> , 2013, 438, 2958-2972.	0.9	12
34	Few remarks on evolution algebras. <i>Journal of Algebra and Its Applications</i> , 2015, 14, 1550053.	0.4	12
35	On real chains of evolution algebras. <i>Linear and Multilinear Algebra</i> , 2015, 63, 586-600.	1.0	12
36	Solvable Leibniz Algebras with Filiform Nilradical. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2016, 39, 283-303.	0.9	12

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37	Derivations and automorphisms of nilpotent evolution algebras with maximal nilindex. Journal of Algebra and Its Applications, 2019, 18, 1950233.	0.4	12
38	Cartan Subalgebras of Leibniz n -Algebras. Communications in Algebra, 2009, 37, 2080-2096.	0.6	10
39	3-Filiform Leibniz algebras of maximum length, whose naturally graded algebras are Lie algebras. Linear and Multilinear Algebra, 2011, 59, 1039-1058.	1.0	10
40	Dibaric and evolution algebras in biology. Lobachevskii Journal of Mathematics, 2014, 35, 198-210.	0.9	10
41	Solvable Leibniz algebras with triangular nilradicals. Linear Algebra and Its Applications, 2015, 466, 530-546.	0.9	10
42	The classification of filiform Leibniz superalgebras of nilindex $n + m$. Acta Mathematica Sinica, English Series, 2009, 25, 171-190.	0.6	9
43	Leibniz algebras associated with representations of filiform Lie algebras. Journal of Geometry and Physics, 2015, 98, 181-195.	1.4	9
44	Leibniz algebras of Heisenberg type. Journal of Algebra, 2016, 452, 427-447.	0.7	9
45	Classification of three-dimensional solvable p -adic Leibniz algebras. P-Adic Numbers, Ultrametric Analysis, and Applications, 2010, 2, 207-221.	0.4	8
46	Quasi-filiform Leibniz algebras of maximum length. Siberian Mathematical Journal, 2011, 52, 840-853.	0.6	8
47	On Some Zero-Filiform Algebras. Ukrainian Mathematical Journal, 2014, 66, 541-552.	0.5	8
48	Solvable Leibniz algebras with naturally graded non-Lie p -filiform nilradicals. Communications in Algebra, 2017, 45, 4329-4347.	0.6	8
49	ON THE CLASSIFICATION OF COMPLEX LEIBNIZ SUPERALGEBRAS WITH CHARACTERISTIC SEQUENCE $(n - 1, 1)$. Journal of Algebra, 2018, 461-475.	0.4	7
50	Classification of some nilpotent class of leibniz superalgebras. Acta Mathematica Sinica, English Series, 2010, 26, 799-816.	0.6	7
51	The classification of Leibniz superalgebras of nilindex n . Journal of Algebra, 2010, 324, 2786-2803.	0.7	7
52	On a class of evolution algebras of "chicken" population. International Journal of Mathematics, 2014, 25, 1450073.	0.5	7
53	Semisimple Leibniz algebras, their derivations and automorphisms. Linear and Multilinear Algebra, 2020, 68, 2005-2019.	1.0	7
54	Naturally graded n -filiform nilradicals. Communications in Algebra, 2010, 433, 433-446.	0.9	7

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55	A class of nilpotent evolution algebras. Communications in Algebra, 2019, 47, 1556-1567.	0.6	6
56	Classifications of some classes of Zinbiel algebras. Journal of Generalized Lie Theory and Applications, 2010, 4, 1-10.	0.1	6
57	On the description of Leibniz algebras with nilindex ≤ 3 . Acta Mathematica Hungarica, 2011, 133, 203-220.	0.5	5
58	Some radicals, Frattini and Cartan subalgebras of Leibniz n -algebras. Linear and Multilinear Algebra, 2013, 61, 1510-1527.	1.0	5
59	Infinitesimal deformations of naturally graded filiform Leibniz algebras. Journal of Geometry and Physics, 2014, 86, 149-163.	1.4	5
60	The Classification of Non-Characteristically Nilpotent Filiform Leibniz Algebras. Algebras and Representation Theory, 2014, 17, 945-969.	0.7	5
61	p -Filiform Leibniz algebras of maximum length. Linear Algebra and Its Applications, 2014, 450, 316-333.	0.9	5
62	Leibniz Algebras Associated to Extensions of sl_2 . Communications in Algebra, 2015, 43, 4403-4414.	0.6	5
63	On Derivations of Semisimple Leibniz Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 295-306.	0.9	5
64	Some cohomologically rigid solvable Leibniz algebras. Journal of Algebra, 2020, 560, 502-520.	0.7	5
65	The Nilpotency Properties of the Leibniz Algebra $M_n(C)D$. Siberian Mathematical Journal, 2004, 45, 399-409.	0.6	4
66	On the description of Leibniz-superalgebras of nilindex. Forum Mathematicum, 2012, 24, 809-826.	0.7	4
67	Leibniz Algebras Associated with Representations of the Diamond Lie Algebra. Algebras and Representation Theory, 2017, 20, 175-195.	0.7	3
68	Classification of Naturally Graded Zinbiel Algebras with Characteristic Sequence Equal to $(n \in \{p, p\})$. Ukrainian Mathematical Journal, 2019, 71, 985-1005.	0.5	3
69	On the Property of Subalgebras of Evolution Algebras. Algebras and Representation Theory, 2019, 22, 281-296.	0.7	3
70	On Levi's Malcev theorem for Leibniz algebras. Linear and Multilinear Algebra, 2019, 67, 1471-1482.	1.0	3
71	Complex Nilpotent Leibniz Superalgebras with Nilindex Equal to Dimension. Communications in Algebra, 2013, 41, 2720-2735.	0.6	2
72	ON THE ALGEBRAIC PROPERTIES OF THE HUMAN ABO-BLOOD GROUP INHERITANCE PATTERN. ANZIAM Journal, 2016, 58, 78-95.	0.2	2

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73	On isomorphism criterion for a subclass of complex filiform Leibniz algebras. International Journal of Algebra and Computation, 2017, 27, 953-972.	0.5	2
74	Leibniz Algebras Constructed by Representations of General Diamond Lie Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 1281-1293.	0.9	2
75	Solvable Leibniz algebras with naturally graded non-Lie p-filiform nilradicals whose maximal complemented space of its nilradical. Linear and Multilinear Algebra, 2021, 69, 1500-1520.	1.0	2
76	Local derivations on solvable Lie algebras of maximal rank. Communications in Algebra, 2022, 50, 3816-3826.	0.6	2
77	Thin Leibniz algebras. Mathematical Notes, 2006, 80, 244-253.	0.4	1
78	Naturally graded Leibniz algebras with characteristic sequence $(n \hat{a}^m, m)$. Mathematical Notes, 2013, 93, 740-755.	0.4	1
79	Classification of p-adic 6-dimensional filiform Leibniz algebras by solutions of $x^q = a$. Open Mathematics, 2013, 11, .	1.0	1
80	Leibniz Algebras Whose Semisimple Part is Related to \mathfrak{sl}_2 . Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 599-615.	0.9	1
81	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
82	The second cohomology group of simple Leibniz algebras. Journal of Algebra and Its Applications, 2018, 17, 1850222.	0.4	1
83	Leibniz algebras constructed by Witt algebras. Linear and Multilinear Algebra, 2019, 67, 2048-2064.	1.0	1
84	Solvable Leibniz algebras whose nilradical is a quasi-filiform Leibniz algebra of maximum length. Communications in Algebra, 2019, 47, 1578-1594.	0.6	1
85	Cohomologically Rigid Solvable Leibniz Algebras with Nilradical of Arbitrary Characteristic Sequence. Siberian Mathematical Journal, 2020, 61, 504-515.	0.6	1
86	Solvable Leibniz algebras with quasi-filiform Lie algebras of maximum length nilradicals. Communications in Algebra, 2020, 48, 3525-3542.	0.6	1
87	Abelian groups gradings on null-filiform and one-parametric filiform Leibniz algebras. Journal of Geometry and Physics, 2021, , 104384.	1.4	1
88	Residually solvable extensions of pro-nilpotent Leibniz superalgebras. Journal of Geometry and Physics, 2022, 172, 104414.	1.4	1
89	Maximal Solvable Extension of Naturally Graded Filiform n -Lie Algebras. Siberian Mathematical Journal, 2022, 63, 1-18.	0.6	1
90	Periodic Algebras Generated by Groups. Algebra Colloquium, 2015, 22, 541-554.	0.2	0

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91	Leibniz algebras associated with some finite-dimensional representation of Diamond Lie algebra. Journal of Physics: Conference Series, 2016, 697, 012006.	0.4	0
92	3-filiform Leibniz algebras of maximum length. Siberian Mathematical Journal, 2016, 57, 24-35.	0.6	0
93	Solvable Leibniz algebras with NF_{m-1} nilradical. Open Mathematics, 2017, 15, 1371-1388.	1.0	0
94	Leibniz Algebras Associated with Representations of Euclidean Lie Algebra. Algebras and Representation Theory, 2020, 23, 285-301.	0.7	0
95	A rigid Leibniz algebra with non-trivial HL2. Journal of Algebra, 2020, 556, 696-724.	0.7	0
96	Complex cyclic Leibniz superalgebras. Revista Matematica Complutense, 2021, 34, 675-690.	1.2	0
97	Description of Three Dimensional Solvable Evaluation Algebras. , 2014, , 165-174.		0
98	On the algebraic properties of the human ABO-blood group inheritance pattern. ANZIAM Journal, 0, 58, 78.	0.0	0
99	New examples of infinite-dimensional n -Lie algebras. Linear and Multilinear Algebra, 2023, 71, 206-225.	1.0	0