Bakhrom Omirov

List of Publications by Year
in descending order

99 papers	1,230 citations	394421 19 h-index	477307 29 g-index
102 all docs	102 docs citations	102 times ranked	130 citing authors

#	Article	IF	Citations
1	New examples of infinite-dimensional n-Lie algebras. Linear and Multilinear Algebra, 2023, 71, 206-225.	1.0	0
2	Residually solvable extensions of pro-nilpotent Leibniz superalgebras. Journal of Geometry and Physics, 2022, 172, 104414.	1.4	1
3	Maximal Solvable Extension of Naturally Graded Filiform n-Lie Algebras. Siberian Mathematical Journal, 2022, 63, 1-18.	0.6	1
4	Local derivations on solvable Lie algebras of maximal rank. Communications in Algebra, 2022, 50, 3816-3826.	0.6	2
5	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
6	Complex cyclic Leibniz superalgebras. Revista Matematica Complutense, 2021, 34, 675-690.	1.2	0
7	Abelian groups gradings on null-filiform and one-parametric filiform Leibniz algebras. Journal of Geometry and Physics, 2021, , 104384.	1.4	1
8	Leibniz Algebras Associated with Representations of Euclidean Lie Algebra. Algebras and Representation Theory, 2020, 23, 285-301.	0.7	0
9	Semisimple Leibniz algebras, their derivations and automorphisms. Linear and Multilinear Algebra, 2020, 68, 2005-2019.	1.0	7
10	Local and 2-Local Derivations and Automorphisms on Simple Leibniz Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2020, 43, 2199-2234.	0.9	17
11	Some cohomologically rigid solvable Leibniz algebras. Journal of Algebra, 2020, 560, 502-520.	0.7	5
12	Cohomologically Rigid Solvable Leibniz Algebras with Nilradical of Arbitrary Characteristic Sequence. Siberian Mathematical Journal, 2020, 61, 504-515.	0.6	1
13	Solvable Leibniz algebras with quasi-filiform Lie algebras of maximum length nilradicals. Communications in Algebra, 2020, 48, 3525-3542.	0.6	1
14	A rigid Leibniz algebra with non-trivial HL2. Journal of Algebra, 2020, 556, 696-724.	0.7	0
15	Leibniz Algebras Constructed by Representations of General Diamond Lie Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2019, 42, 1281-1293.	0.9	2
16	Leibniz algebras constructed by Witt algebras. Linear and Multilinear Algebra, 2019, 67, 2048-2064.	1.0	1
17	A class of nilpotent evolution algebras. Communications in Algebra, 2019, 47, 1556-1567.	0.6	6
18	Derivations and automorphisms of nilpotent evolution algebras with maximal nilindex. Journal of Algebra and Its Applications, 2019, 18, 1950233.	0.4	12

#	Article	IF	Citations
19	Classification of Naturally Graded Zinbiel Algebras with Characteristic Sequence Equal to (n−p, p). Ukrainian Mathematical Journal, 2019, 71, 985-1005.	0.5	3
20	Solvable Leibniz algebras whose nilradical is a quasi-filiform Leibniz algebra of maximum length. Communications in Algebra, 2019, 47, 1578-1594.	0.6	1
21	On the Property of Subalgebras of Evolution Algebras. Algebras and Representation Theory, 2019, 22, 281-296.	0.7	3
22	On Levi–Malcev theorem for Leibniz algebras. Linear and Multilinear Algebra, 2019, 67, 1471-1482.	1.0	3
23	The second cohomology group of simple Leibniz algebras. Journal of Algebra and Its Applications, 2018, 17, 1850222.	0.4	1
24	On Derivations of Semisimple Leibniz Algebras. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 295-306.	0.9	5
25	Leibniz Algebras Whose Semisimple Part is Related to $$sl_2$$ s l 2. Bulletin of the Malaysian Mathematical Sciences Society, 2017, 40, 599-615.	0.9	1
26	Solvable Leibniz algebras with naturally graded non-Lie p-filiform nilradicals. Communications in Algebra, 2017, 45, 4329-4347.	0.6	8
27	Central extensions of null-filiform and naturally graded filiform non-Lie Leibniz algebras. Journal of Algebra, 2017, 479, 461-486.	0.7	26
28	Leibniz Algebras Associated with Representations of the Diamond Lie Algebra. Algebras and Representation Theory, 2017, 20, 175-195.	0.7	3
29	On isomorphism criterion for a subclass of complex filiform Leibniz algebras. International Journal of Algebra and Computation, 2017, 27, 953-972.	0.5	2
30	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
31	Solvable Leibniz algebras with $NF_n⊕F_{m}^{1}$ nilradical. Open Mathematics, 2017, 15, 1371-1388.	1.0	0
32	Leibniz algebras associated with some finite-dimensional representation of Diamond Lie algebra. Journal of Physics: Conference Series, 2016, 697, 012006.	0.4	0
33	ON THE ALGEBRAIC PROPERTIES OF THE HUMAN ABO-BLOOD GROUP INHERITANCE PATTERN. ANZIAM Journal, 2016, 58, 78-95.	0.2	2
34	3-filiform Leibniz algebras of maximum length. Siberian Mathematical Journal, 2016, 57, 24-35.	0.6	0
35	Solvable Leibniz Algebras with Filiform Nilradical. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 283-303.	0.9	12
36	Leibniz algebras of Heisenberg type. Journal of Algebra, 2016, 452, 427-447.	0.7	9

#	ARTICLE	IF	CITATIONS
37	Constrained evolution algebras and dynamical systems of a bisexual population. Linear Algebra and Its Applications, 2016, 496, 351-380.	0.9	16
38	Periodic Algebras Generated by Groups. Algebra Colloquium, 2015, 22, 541-554.	0.2	0
39	Few remarks on evolution algebras. Journal of Algebra and Its Applications, 2015, 14, 1550053.	0.4	12
40	On Classification of Filiform Leibniz Algebras. Algebra Colloquium, 2015, 22, 757-774.	0.2	13
41	Leibniz algebras associated with representations of filiform Lie algebras. Journal of Geometry and Physics, 2015, 98, 181-195.	1.4	9
42	Leibniz Algebras Associated to Extensions of sl_2. Communications in Algebra, 2015, 43, 4403-4414.	0.6	5
43	On real chains of evolution algebras. Linear and Multilinear Algebra, 2015, 63, 586-600.	1.0	12
44	Solvable Leibniz algebras with triangular nilradicals. Linear Algebra and Its Applications, 2015, 466, 530-546.	0.9	10
45	On solvable Leibniz algebras whose nilradical is a direct sum of null-filiform algebras. Linear and Multilinear Algebra, 2014, 62, 1220-1239.	1.0	14
46	Dibaric and evolution algebras in biology. Lobachevskii Journal of Mathematics, 2014, 35, 198-210.	0.9	10
47	On Evolution Algebras. Algebra Colloquium, 2014, 21, 331-342.	0.2	48
48	On a class of evolution algebras of "chicken" population. International Journal of Mathematics, 2014, 25, 1450073.	0.5	7
49	On Some Zero-Filiform Algebras. Ukrainian Mathematical Journal, 2014, 66, 541-552.	0.5	8
50	Infinitesimal deformations of naturally graded filiform Leibniz algebras. Journal of Geometry and Physics, 2014, 86, 149-163.	1.4	5
51	The Classification of Non-Characteristically Nilpotent Filiform Leibniz Algebras. Algebras and Representation Theory, 2014, 17, 945-969.	0.7	5
52	On cubic equations over p-adic fields. International Journal of Number Theory, 2014, 10, 1171-1190.	0.5	26
53	p -Filiform Leibniz algebras of maximum length. Linear Algebra and Its Applications, 2014, 450, 316-333.	0.9	5
54	Some remarks on semisimple Leibniz algebras. Journal of Algebra, 2014, 410, 526-540.	0.7	19

#	Article	IF	Citations
55	Description of Three Dimensional Solvable Evaluation Algebras. , 2014, , 165-174.		0
56	Naturally graded Leibniz algebras with characteristic sequence (n â˜' m, m). Mathematical Notes, 2013, 93, 740-755.	0.4	1
57	Solvability of cubic equations in p-ADIC integers (p > 3). Siberian Mathematical Journal, 2013, 54, 501-516.	0.6	16
58	A Characterization of Nilpotent Leibniz Algebras. Algebras and Representation Theory, 2013, 16, 1489-1505.	0.7	21
59	On Description of Leibniz Algebras Corresponding to sl 2. Algebras and Representation Theory, 2013, 16, 1507-1519.	0.7	25
60	Classification of solvable Leibniz algebras with naturally graded filiform nilradical. Linear Algebra and Its Applications, 2013, 438, 2973-3000.	0.9	38
61	Some radicals, Frattini and Cartan subalgebras of Leibniz<i>n</i>-algebras. Linear and Multilinear Algebra, 2013, 61, 1510-1527.	1.0	5
62	Classification of solvable Leibniz algebras with null-filiform nilradical. Linear and Multilinear Algebra, 2013, 61, 758-774.	1.0	54
63	The derivations of some evolution algebras. Linear and Multilinear Algebra, 2013, 61, 309-322.	1.0	32
64	The classification of algebras of level one. Linear Algebra and Its Applications, 2013, 439, 3460-3463.	0.9	15
65	On nilpotent index and dibaricity of evolution algebras. Linear Algebra and Its Applications, 2013, 439, 90-105.	0.9	24
66	p -Filiform Zinbiel algebras. Linear Algebra and Its Applications, 2013, 438, 2958-2972.	0.9	12
67	Infinitesimal deformations of null-filiform Leibniz superalgebras. Journal of Geometry and Physics, 2013, 74, 370-380.	1.4	16
68	Classification of p-adic 6-dimensional filiform Leibniz algebras by solutions of x q = a. Open Mathematics, 2013, 11, .	1.0	1
69	On the degenerations of solvable Leibniz algebras. Linear Algebra and Its Applications, 2013, 439, 472-487.	0.9	26
70	Complex Nilpotent Leibniz Superalgebras with Nilindex Equal to Dimension. Communications in Algebra, 2013, 41, 2720-2735.	0.6	2
71	SOME PROPERTIES OF EVOLUTION ALGEBRAS. Bulletin of the Korean Mathematical Society, 2013, 50, 1481-1494.	0.3	33
72	ON NILPOTENT LEIBNIZ n-ALGEBRAS. Journal of Algebra and Its Applications, 2012, 11, 1250062.	0.4	14

#	Article	IF	Citations
73	On the description of LeibnizÂsuperalgebrasÂofÂnilindexÂ. Forum Mathematicum, 2012, 24, 809-826.	0.7	4
74	Quasi-filiform Leibniz algebras of maximum length. Siberian Mathematical Journal, 2011, 52, 840-853.	0.6	8
75	On the description of Leibniz algebras with nilindex nâˆ'3. Acta Mathematica Hungarica, 2011, 133, 203-220.	0.5	5
76	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
77	Classification of three-dimensional solvable p-adic Leibniz algebras. P-Adic Numbers, Ultrametric Analysis, and Applications, 2010, 2, 207-221.	0.4	8
78	Classification of some nilpotent class of leibniz superalgebras. Acta Mathematica Sinica, English Series, 2010, 26, 799-816.	0.6	7
79	The classification of Leibniz superalgebras of nilindex <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi>n</mml:mi><mml:mo>+</mml:mo><mml:mi>m</mml:mi></mml:math> (<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif") Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 491 T	0.7	7
80	Naturally graded <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mo>-</mml:mo><mml:mn>3</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overloc ... Its Applications, 2010, 433, 433-446.	0.9	8
81	Naturally Graded 2-Filiform Leibniz Algebras. Communications in Algebra, 2010, 38, 3671-3685.	0.6	17
82	The Classification of Naturally Graded <i>p</i>-Filiform Leibniz Algebras. Communications in Algebra, 2010, 39, 153-168.	0.6	17
83	Classifications of some classes of Zinbiel algebras. Journal of Generalized Lie Theory and Applications, 2010, 4, 1-10.	0.1	6
84	ON LIE-LIKE COMPLEX FILIFORM LEIBNIZ ALGEBRAS. Bulletin of the Australian Mathematical Society, 2009, 79, 391-404.	0.5	27
85	ON THE CLASSIFICATION OF COMPLEX LEIBNIZ SUPERALGEBRAS WITH CHARACTERISTIC SEQUENCE (n - 1, 1 |) Tj ETQq1 1 0.78431 ... 08, 461-475.	0.4	7
86	The classification of filiform Leibniz superalgebras of nilindex n + m. Acta Mathematica Sinica, English Series, 2009, 25, 171-190.	0.6	9
87	Naturally graded quasi-filiform Leibniz algebras. Journal of Symbolic Computation, 2009, 44, 527-539.	0.8	26
88	Cartan Subalgebras of Leibniz <i>n</i>-Algebras. Communications in Algebra, 2009, 37, 2080-2096.	0.6	10
89	n-Dimensional filiform Leibniz algebras of length <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mo stretchy="false">(</mml:mo><mml:mi>n</mml:mi><mml:mo>âˆ'</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314 ... 2471-2488.	0.6	28
90	Cartan Subalgebras, Weight Spaces, and Criterion of Solvability of Finite Dimensional Leibniz Algebras. Revista Matematica Complutense, 2006, 19, 183.	1.2	21

#	Article	IF	Citations
91	Conjugacy of Cartan subalgebras of complex finite-dimensional Leibniz algebras. Journal of Algebra, 2006, 302, 887-896.	0.7	39
92	Thin Leibniz algebras. Mathematical Notes, 2006, 80, 244-253.	0.4	1
93	On the Derivations of Filiform Leibniz Algebras. Mathematical Notes, 2005, 77, 677-685.	0.4	15
94	Varieties of Nilpotent Complex Leibniz Algebras of Dimension Less than Five. Communications in Algebra, 2005, 33, 1575-1585.	0.6	44
95	ON NILPOTENT AND SIMPLE LEIBNIZ ALGEBRAS. Communications in Algebra, 2005, 33, 159-172.	0.6	65
96	The Nilpotency Properties of the Leibniz Algebra Mn(C)D. Siberian Mathematical Journal, 2004, 45, 399-409.	0.6	4
97	On Some Classes of Nilpotent Leibniz Algebras. Siberian Mathematical Journal, 2001, 42, 15-24.	0.6	80
98	On Leibniz Algebras. , 1998, , 1-12.		52
99	On the algebraic properties of the human ABO-blood group inheritance pattern. ANZIAM Journal, 0, 58, 78.	0.0	0