Liangyun Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3803939/publications.pdf

Version: 2024-02-01

92	379	1040056	1125743
papers	citations	9 h-index	13 g-index

92	92	92	79
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hom-Nijienhuis operators andTâŽ-extensions of hom-Lie superalgebras. Linear Algebra and Its Applications, 2013, 439, 2131-2144.	0.9	31
2	Generalized Derivations of Lie Color Algebras. Results in Mathematics, 2013, 63, 923-936.	0.8	19
3	Representations and module-extensions of 3-hom-Lie algebras. Journal of Geometry and Physics, 2015, 98, 376-383.	1.4	12
4	On Hom-Lie Superalgebras. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	12
5	On split regular Hom-Lie color algebras. Colloquium Mathematicum, 2017, 146, 143-155.	0.3	12
6	Lie superbialgebra structures on the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>N</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> superconformal Neveuâ€“Schwarz algebra. Journal of Geometry and Physics, 2012, 62, 826-831.	1.4	11
7	3-ary Hom-Lie Superalgebras Induced By Hom-Lie Superalgebras. Advances in Applied Clifford Algebras, 2017, 27, 3063-3082.	1.0	11
8	Generalized derivations of Lie triple systems. Open Mathematics, 2016, 14, 260-271.	1.0	10
9	Representations andT*-Extensions of Homâ€“Jordanâ€“Lie Algebras. Communications in Algebra, 2016, 44, 2786-2812.	0.6	10
10	Adaptive Fuzzy Variable Structure Control of Fractional-Order Nonlinear Systems with Input Nonlinearities. International Journal of Fuzzy Systems, 2021, 23, 2309-2323.	4.0	10
11	Two kinds of Novikov algebras and their realizations. Journal of Pure and Applied Algebra, 2008, 212, 902-909.	0.6	9
12	One-parameter formal deformations of Hom-Lie-Yamaguti algebras. Journal of Mathematical Physics, 2015, 56, .	1.1	9
13	On the Intersection of Maximal Subalgebras in a Lie Superalgebra. Algebra Colloquium, 2009, 16, 503-516.	0.2	8
14	Systems of Quotients of Lie Triple Systems. Communications in Algebra, 2014, 42, 3339-3349.	0.6	8
15	Rotaâ€“Baxter multiplicative 3-ary Hom-Nambuâ€“Lie algebras. Journal of Geometry and Physics, 2015, 98, 400-413.	1.4	8
16	Central extensions and deformations of Hom-Lie triple systems. Communications in Algebra, 2018, 46, 1212-1230.	0.6	8
17	Biderivations and linear commuting maps on the restricted Cartan-type Lie algebras and. Linear and Multilinear Algebra, 2019, 67, 1625-1636.	1.0	8
18	On split regular BiHom-Lie superalgebras. Journal of Geometry and Physics, 2018, 128, 38-47.	1.4	7

#	Article	IF	Citations
19	Î´-Hom-Jordan Lie superalgebras. Communications in Algebra, 2018, 46, 1668-1697.	0.6	7
20	On split regular Hom-Leibniz algebras. Journal of Algebra and Its Applications, 2018, 17, 1850185.	0.4	7
21	Deformations and generalized derivations of Hom-Lie conformal algebras. Science China Mathematics, 2018, 61, 797-812.	1.7	7
22	Biderivations and linear commuting maps on the restricted Cartan-type Lie algebrasH(n;<u>1</u>). Communications in Algebra, 2019, 47, 1311-1326.	0.6	7
23	Bi-Integrable Couplings of a New Soliton Hierarchy Associated with<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mi>S</mml:mi><mml:mi>O</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>4</mml:mn><mml:mo stretchy="false">)</mml:mo></mml:math>. Advances in Mathematical Physics, 2015, 2015, 1-11.	0.8	6
24	On -Jordan Lie triple systems. Linear and Multilinear Algebra, 2017, 65, 731-751.	1.0	6
25	Cohomology and 1-Parameter Formal Deformations of Hom-$$delta $$-Lie Triple Systems. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	6
26	Representations of Bihom-Lie superalgebras. Linear and Multilinear Algebra, 2019, 67, 299-326.	1.0	6
27	The construction of 3-Bihom-Lie algebras. Communications in Algebra, 2020, 48, 5374-5390.	0.6	6
28	The Frattini Subsystem of a Lie Triple System. Communications in Algebra, 2009, 37, 3750-3759.	0.6	5
29	On the Cohomology and Extensions of First-Classn-Lie Superalgebras. Communications in Algebra, 2014, 42, 4578-4599.	0.6	5
30	Symmetries of (m,n)-Yetterâ€“Drinfeld categories. Journal of Algebra and Its Applications, 2018, 17, 1850135.	0.4	5
31	ON QUASI-TORAL RESTRICTED LIE ALGEBRAS. Chinese Annals of Mathematics Series B, 2005, 26, 207-218.	0.4	4
32	On the modular Lie superalgebra <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>Î©</mml:mi></mml:math>. Journal of Pure and Applied Algebra, 2011, 215, 1093-1101.	0.6	4
33	Derivations of the even part of contact Lie superalgebra. Journal of Pure and Applied Algebra, 2012, 216, 1454-1466.	0.6	4
34	Finite-dimensional simple modular Lie superalgebra â„³. Frontiers of Mathematics in China, 2013, 8, 411-441.	0.7	4
35	Two soliton hierarchies associated with SO(4) and the applications of SU(2) âŠ— SU(2) â‰… SO(4). Journal of Mathematical Physics, 2014, 55, .	1.1	4
36	Bi-integrable couplings and tri-integrable couplings of the modified Ablowitz-Kaup-Newell-Segur hierarchy with self-consistent sources. Journal of Mathematical Physics, 2015, 56, 013502.	1.1	4

#	Article	IF	Citations
37	Algebras of Quotients of Jordanâ€“Lie Algebras. Communications in Algebra, 2016, 44, 3788-3795.	0.6	4
38	Generalized Derivations of Homâ€“Lie Triple Systems. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 41, 637.	0.9	4
39	Radford (m, n)-biproduct and (m+n)-Yetter-Drinfeld category. Communications in Algebra, 2020, 48, 3285-3306.	0.6	4
40	Super-biderivations of the contact Lie superalgebra K(m,n;tÂ¯). Communications in Algebra, 2020, 48, 3237-3248.	0.6	4
41	Super-biderivations of the generalized Witt Lie superalgebra W(m,n;<u>t</u>). Linear and Multilinear Algebra, 2021, 69, 233-244.	1.0	4
42	Super-biderivations and linear super-commuting maps on the Lie superalgebras. Communications in Algebra, 2020, 48, 5076-5085.	0.6	4
43	The Finite-dimensional Modular Lie Superalgebra Î“. Algebra Colloquium, 2010, 17, 525-540.	0.2	3
44	Triple derivations and triple homomorphisms of perfect Lie superalgebras. Indagationes Mathematicae, 2017, 28, 436-445.	0.4	3
45	Deformations and generalized derivations of Lie conformal superalgebras. Journal of Mathematical Physics, 2017, 58, 111702.	1.1	3
46	Super integrable hierarchies associated with spl(2, 1) and Darboux transformations. Journal of Mathematical Physics, 2017, 58, .	1.1	3
47	Two Kinds of Infinite-Dimensional Novikov Algebras and Their Sub-adjacent Lie Algebras. Algebra Colloquium, 2019, 26, 495-506.	0.2	3
48	Super-biderivations of Cartan type Lie superalgebras. Communications in Algebra, 2021, 49, 4416-4426.	0.6	3
49	Cohomology of Leibniz triple systems with derivations. Journal of Geometry and Physics, 2022, 179, 104594.	1.4	3
50	The Centroid of a Lie Triple Algebra. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.7	2
51	Hamiltonian forms of the two new integrable systems and two kinds of Darboux transformations. Applied Mathematics and Computation, 2014, 244, 261-273.	2.2	2
52	Restricted and quasi-toral restricted Lie-Rinehart algebras. Open Mathematics, 2015, 13, .	1.0	2
53	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>T</mml:mi></mml:math>*-extension and 1-parameter formal deformation of Novikov superalgebras. Journal of Geometry and Physics, 2017, 116, 281-294.	1.4	2
54	Homâ€“Jordan algebras and their Î±^k-(a,b,c)-derivations. Communications in Algebra, 2018, 46, 2600-2614.	0.6	2

#	Article	IF	Citations
55	Extending structures of lie conformal superalgebras. Communications in Algebra, 2019, 47, 1541-1555.	0.6	2
56	New super integrable hierarchies associated with osp(2|2) and spo(2|2) and their applications. Applied Mathematics and Computation, 2020, 370, 124867.	2.2	2
57	Biderivations and linear commuting maps on the restricted contact lie algebras K(n;). Quaestiones Mathematicae, 2020, , 1-12.	0.6	2
58	ON THE PRIMARY DECOMPOSITION THEOREM OF MODULAR LIE SUPERALGEBRAS. Chinese Annals of Mathematics Series B, 2005, 26, 523-536.	0.4	1
59	SOME RESULTS OF MODULAR LIE SUPERALGEBRAS. Acta Mathematica Scientia, 2006, 26, 401-409.	1.0	1
60	A Kind of Infinite-Dimensional Novikov Algebras and Its Realizations. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.7	1
61	On the Deformations and Derivations of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:math>-Ary Multiplicative Hom-Nambu-Lie Superalgebras. Advances in Mathematical Physics, 2014, 2014, 1-9.	0.8	1
62	On Generalized Jordan Prederivations and Generalized Prederivations of Lie Superalgebras. Advances in Mathematical Physics, 2014, 2014, 1-9.	0.8	1
63	Some necessary and sufficient conditions for nilpotent n-Lie superalgebras. Czechoslovak Mathematical Journal, 2014, 64, 1019-1034.	0.3	1
64	The classification of modular Lie superalgebras of type M. Open Mathematics, 2015, 13, .	1.0	1
65	Centroids of Lie Supertriple Systems. Advances in Mathematical Physics, 2015, 2015, 1-9.	0.8	1
66	Uniform posets and Leonard pairs based on unitary spaces over finite fields. Linear and Multilinear Algebra, 2016, 64, 1163-1184.	1.0	1
67	Some Structure Theories of Leibniz Triple Systems. Algebras and Representation Theory, 2017, 20, 1545-1569.	0.7	1
68	On Ï‰-Lie superalgebras. Journal of Algebra and Its Applications, 2018, 17, 1850212.	0.4	1
69	Double Derivations of n-Lie Superalgebras. Algebra Colloquium, 2018, 25, 161-180.	0.2	1
70	Product and complex structures on hom-Lie superalgebras. Communications in Algebra, 2021, 49, 3685-3707.	0.6	1
71	Systems of quotients and Martindale-like quotients of Jordanâ€“Lie triple systems. Communications in Algebra, 2021, 49, 4360-4375.	0.6	1
72	Structure of sympathetic 3-Lie algebras. Journal of Algebra and Its Applications, 0, , 2250185.	0.4	1

#	Article	IF	Citations
73	Bihom-Nijienhuis operators and T -extensions of Bihom-Lie superalgebras. Hacettepe Journal of Mathematics and Statistics, 2018, 48, .	0.3	1
74	Complete Bihom-Lie superalgebras and its derivation superalgebras. Communications in Algebra, 2021, 49, 1925-1937.	0.6	1
75	On the Drazin inverse of anti-triangular block matrices. Electronic Research Archive, 2022, 30, 2428-2445.	0.9	1
76	Restricted Lie algebras all whose elements are semisimple. Frontiers of Mathematics in China, 2011, 6, 61-70.	0.7	0
77	Some subsystems of a lie triple system closely related to its Frattini subsystem. Chinese Annals of Mathematics Series B, 2013, 34, 791-800.	0.4	0
78	Some properties of the family Î“ of modular Lie superalgebras. Czechoslovak Mathematical Journal, 2013, 63, 1087-1112.	0.3	0
79	Derivations of the even part of finite-dimensional simple modular Lie superalgebra $$mathcal{M}$$. Chinese Annals of Mathematics Series B, 2015, 36, 279-292.	0.4	0
80	$$ (in , in vee q) $$ (â˜ , â˜ â˜ q) -Fuzzy Lie Subalgebra and Ideals. International Journal of Fuzzy Systems, 2016, 18, 108-109.	4.0	0
81	Lie n superderivations and generalized Lie n superderivations of superalgebras. Open Mathematics, 2018, 16, 196-209.	1.0	0
82	Quasiderivations and Quasicentroids of Novikov Algebras. Bulletin of the Iranian Mathematical Society, 2021, 47, 869-882.	1.0	0
83	On Low-Dimensional Complex $$omega $$-Lie Superalgebras. Advances in Applied Clifford Algebras, 2021, 31, 1.	1.0	0
84	The Even Part of Finite-Dimensional Modular Lie Superalgebra Î“. Algebra Colloquium, 2021, 28, 479-496.	0.2	0
85	Conformal biderivations of loop W(a, b) Lie conformal algebra. Frontiers of Mathematics in China, 2022, 17, 1157-1167.	0.7	0
86	Constructions of three kinds of Bihom-superalgebras. Electronic Research Archive, 2021, 29, 3741-3760.	0.9	0
87	DECOMPOSITION THEOREMS OF LIE OPERATOR ALGEBRAS. Bulletin of the Korean Mathematical Society, 2011, 48, 1183-1193.	0.3	0
88	Representations and T*-extensions of Bihom-Jordan-Lie algebras. , 0, , 1-28.	1.0	0
89	L-fuzzy ideals and L-fuzzy subalgebras of Novikov algebras. Open Mathematics, 2019, 17, 1538-1546.	1.0	0
90	Functional identities on upper triangular matrix rings. Open Mathematics, 2020, 18, 182-193.	1.0	0

#	Article	IF	Citations
91	Super-biderivations and linear super-commuting maps on the current Lie superalgebras. Communications in Algebra, 0, , 1-10.	0.6	0
92	Three Ideals of Lie Superalgebras. Algebra Colloquium, 2022, 29, 143-150.	0.2	0