

Liangyun Chen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Conformal biderivations of loop $W(a, b)$ Lie conformal algebra. <i>Frontiers of Mathematics in China</i> , 2022, 17, 1157-1167.	0.7	0
2	Three Ideals of Lie Superalgebras. <i>Algebra Colloquium</i> , 2022, 29, 143-150.	0.2	0
3	On the Drazin inverse of anti-triangular block matrices. <i>Electronic Research Archive</i> , 2022, 30, 2428-2445.	0.9	1
4	Cohomology of Leibniz triple systems with derivations. <i>Journal of Geometry and Physics</i> , 2022, 179, 104594.	1.4	3
5	Quasiderivations and Quasicentroids of Novikov Algebras. <i>Bulletin of the Iranian Mathematical Society</i> , 2021, 47, 869-882.	1.0	0
6	Super-biderivations of the generalized Witt Lie superalgebra $(W(m, n; u, t, u))$. <i>Linear and Multilinear Algebra</i> , 2021, 69, 233-244.	1.0	4
7	Product and complex structures on hom-Lie superalgebras. <i>Communications in Algebra</i> , 2021, 49, 3685-3707.	0.6	1
8	Super-biderivations of Cartan type Lie superalgebras. <i>Communications in Algebra</i> , 2021, 49, 4416-4426.	0.6	3
9	Systems of quotients and Martindale-like quotients of Jordan-Lie triple systems. <i>Communications in Algebra</i> , 2021, 49, 4360-4375.	0.6	1
10	On Low-Dimensional Complex Ω -Lie Superalgebras. <i>Advances in Applied Clifford Algebras</i> , 2021, 31, 1.	1.0	0
11	Adaptive Fuzzy Variable Structure Control of Fractional-Order Nonlinear Systems with Input Nonlinearities. <i>International Journal of Fuzzy Systems</i> , 2021, 23, 2309-2323.	4.0	10
12	The Even Part of Finite-Dimensional Modular Lie Superalgebra $\hat{\mathfrak{t}}$. <i>Algebra Colloquium</i> , 2021, 28, 479-496.	0.2	0
13	Constructions of three kinds of Bihom-superalgebras. <i>Electronic Research Archive</i> , 2021, 29, 3741-3760.	0.9	0
14	Complete Bihom-Lie superalgebras and its derivation superalgebras. <i>Communications in Algebra</i> , 2021, 49, 1925-1937.	0.6	1
15	New super integrable hierarchies associated with $osp(2 2)$ and $spo(2 2)$ and their applications. <i>Applied Mathematics and Computation</i> , 2020, 370, 124867.	2.2	2
16	The construction of 3-Bihom-Lie algebras. <i>Communications in Algebra</i> , 2020, 48, 5374-5390.	0.6	6
17	Biderivations and linear commuting maps on the restricted contact lie algebras $K(n;)$. <i>Quaestiones Mathematicae</i> , 2020, , 1-12.	0.6	2
18	Radford (m, n) -biproduct and $(m+n)$ -Yetter-Drinfeld category. <i>Communications in Algebra</i> , 2020, 48, 3285-3306.	0.6	4

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19	Super-biderivations of the contact Lie superalgebra $K(m,n;t\hat{A})$. Communications in Algebra, 2020, 48, 3237-3248.	0.6	4
20	Functional identities on upper triangular matrix rings. Open Mathematics, 2020, 18, 182-193.	1.0	0
21	Super-biderivations and linear super-commuting maps on the Lie superalgebras. Communications in Algebra, 2020, 48, 5076-5085.	0.6	4
22	Cohomology and 1-Parameter Formal Deformations of Hom- δ -Lie Triple Systems. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	6
23	Two Kinds of Infinite-Dimensional Novikov Algebras and Their Sub-adjacent Lie Algebras. Algebra Colloquium, 2019, 26, 495-506.	0.2	3
24	Extending structures of lie conformal superalgebras. Communications in Algebra, 2019, 47, 1541-1555.	0.6	2
25	Biderivations and linear commuting maps on the restricted Cartan-type Lie algebras $H_n(u)$. Communications in Algebra, 2019, 47, 1311-1326.	0.6	7
26	On Hom-Lie Superalgebras. Advances in Applied Clifford Algebras, 2019, 29, 1.	1.0	12
27	Biderivations and linear commuting maps on the restricted Cartan-type Lie algebras and. Linear and Multilinear Algebra, 2019, 67, 1625-1636.	1.0	8
28	Representations of Bihom-Lie superalgebras. Linear and Multilinear Algebra, 2019, 67, 299-326.	1.0	6
29	L-fuzzy ideals and L-fuzzy subalgebras of Novikov algebras. Open Mathematics, 2019, 17, 1538-1546.	1.0	0
30	On split regular BiHom-Lie superalgebras. Journal of Geometry and Physics, 2018, 128, 38-47.	1.4	7
31	On \mathfrak{H}_n -Lie superalgebras. Journal of Algebra and Its Applications, 2018, 17, 1850212.	0.4	1
32	Double Derivations of n-Lie Superalgebras. Algebra Colloquium, 2018, 25, 161-180.	0.2	1
33	Symmetries of (m,n) -Yetter-Drinfeld categories. Journal of Algebra and Its Applications, 2018, 17, 1850135.	0.4	5
34	Central extensions and deformations of Hom-Lie triple systems. Communications in Algebra, 2018, 46, 1212-1230.	0.6	8
35	\hat{L} -Hom-Jordan Lie superalgebras. Communications in Algebra, 2018, 46, 1668-1697.	0.6	7
36	Hom-Jordan algebras and their \hat{L} - $\sup\{k\}$ - (a,b,c) -derivations. Communications in Algebra, 2018, 46, 2600-2614.	0.6	2

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37	On split regular Hom-Leibniz algebras. Journal of Algebra and Its Applications, 2018, 17, 1850185.	0.4	7
38	Lie n superderivations and generalized Lie n superderivations of superalgebras. Open Mathematics, 2018, 16, 196-209.	1.0	0
39	Deformations and generalized derivations of Hom-Lie conformal algebras. Science China Mathematics, 2018, 61, 797-812.	1.7	7
40	Bihom-Nijenhuis operators and T-extensions of Bihom-Lie superalgebras. Hacettepe Journal of Mathematics and Statistics, 2018, 48, .	0.3	1
41	Triple derivations and triple homomorphisms of perfect Lie superalgebras. Indagationes Mathematicae, 2017, 28, 436-445.	0.4	3
42	$\langle \text{mml:math xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \text{ altimg}=\text{"si1.gif"} \text{ display}=\text{"inline"} \text{ overflow}=\text{"scroll"} \rangle \langle \text{mml:mi} \rangle \text{T} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle^*$ -extension and 1-parameter formal deformation of Novikov superalgebras. Journal of Geometry and Physics, 2017, 116, 281-294.	1.4	2
43	Some Structure Theories of Leibniz Triple Systems. Algebras and Representation Theory, 2017, 20, 1545-1569.	0.7	1
44	On -Jordan Lie triple systems. Linear and Multilinear Algebra, 2017, 65, 731-751.	1.0	6
45	3-ary Hom-Lie Superalgebras Induced By Hom-Lie Superalgebras. Advances in Applied Clifford Algebras, 2017, 27, 3063-3082.	1.0	11
46	Deformations and generalized derivations of Lie conformal superalgebras. Journal of Mathematical Physics, 2017, 58, 111702.	1.1	3
47	Super integrable hierarchies associated with $\text{spl}(2, 1)$ and Darboux transformations. Journal of Mathematical Physics, 2017, 58, .	1.1	3
48	On split regular Hom-Lie color algebras. Colloquium Mathematicum, 2017, 146, 143-155.	0.3	12
49	Generalized derivations of Lie triple systems. Open Mathematics, 2016, 14, 260-271.	1.0	10
50	Algebras of Quotients of Jordanâ€“Lie Algebras. Communications in Algebra, 2016, 44, 3788-3795.	0.6	4
51	Representations and T^* -Extensions of Homâ€“Jordanâ€“Lie Algebras. Communications in Algebra, 2016, 44, 2786-2812.	0.6	10
52	Uniform posets and Leonard pairs based on unitary spaces over finite fields. Linear and Multilinear Algebra, 2016, 64, 1163-1184.	1.0	1
53	Generalized Derivations of Homâ€“Lie Triple Systems. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 41, 637.	0.9	4
54	$\mathbb{S}(\text{in}, \text{in vee } q) \mathbb{S}(\hat{\alpha}, \hat{\alpha} \hat{\alpha} q)$ -Fuzzy Lie Subalgebra and Ideals. International Journal of Fuzzy Systems, 2016, 18, 108-109.	4.0	0

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55	The classification of modular Lie superalgebras of type M. Open Mathematics, 2015, 13, .	1.0	1
56	Bi-Integrable Couplings of a New Soliton Hierarchy Associated with $S \circ O$. Advances in Mathematical Physics, 2015, 2015, 1-11.	0.8	6
57	Centroids of Lie Supertriple Systems. Advances in Mathematical Physics, 2015, 2015, 1-9.	0.8	1
58	Restricted and quasi-toral restricted Lie-Rinehart algebras. Open Mathematics, 2015, 13, .	1.0	2
59	Rota's Baxter multiplicative 3-ary Hom-Nambu-Lie algebras. Journal of Geometry and Physics, 2015, 98, 400-413.	1.4	8
60	Representations and module-extensions of 3-hom-Lie algebras. Journal of Geometry and Physics, 2015, 98, 376-383.	1.4	12
61	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
62	One-parameter formal deformations of Hom-Lie-Yamaguti algebras. Journal of Mathematical Physics, 2015, 56, .	1.1	9
63	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
64	On the Deformations and Derivations of n -Ary Multiplicative Hom-Nambu-Lie Superalgebras. Advances in Mathematical Physics, 2014, 2014, 1-9.	0.8	1
65	On Generalized Jordan Prederivations and Generalized Prederivations of Lie Superalgebras. Advances in Mathematical Physics, 2014, 2014, 1-9.	0.8	1
66	On the Cohomology and Extensions of First-Class n -Lie Superalgebras. Communications in Algebra, 2014, 42, 4578-4599.	0.6	5
67	Some necessary and sufficient conditions for nilpotent n -Lie superalgebras. Czechoslovak Mathematical Journal, 2014, 64, 1019-1034.	0.3	1
68	Two soliton hierarchies associated with $SO(4)$ and the applications of $SU(2)$ — $SU(2)$ — $SO(4)$. Journal of Mathematical Physics, 2014, 55, .	1.1	4
69	Systems of Quotients of Lie Triple Systems. Communications in Algebra, 2014, 42, 3339-3349.	0.6	8
70	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
71	Finite-dimensional simple modular Lie superalgebra $\hat{\mathfrak{a}}_n^3$. Frontiers of Mathematics in China, 2013, 8, 411-441.	0.7	4
72	Generalized Derivations of Lie Color Algebras. Results in Mathematics, 2013, 63, 923-936.	0.8	19

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73	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
74	Hom-Nijienhuis operators and \hat{Z} -extensions of hom-Lie superalgebras. Linear Algebra and Its Applications, 2013, 439, 2131-2144.	0.9	31
75	Some properties of the family \hat{L}^n of modular Lie superalgebras. Czechoslovak Mathematical Journal, 2013, 63, 1087-1112.	0.3	0
76	A Kind of Infinite-Dimensional Novikov Algebras and Its Realizations. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.7	1
77	The Centroid of a Lie Triple Algebra. Abstract and Applied Analysis, 2013, 2013, 1-9.	0.7	2
78	Lie superbialgebra structures on the $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle N \langle \text{mml:mi} \rangle \langle \text{mml:mo} \rangle = \langle \text{mml:mo} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:math} \rangle$ superconformal Neveu-Schwarz algebra. Journal of Geometry and Physics, 2012, 62, 826-831.	1.4	11
79	Derivations of the even part of contact Lie superalgebra. Journal of Pure and Applied Algebra, 2012, 216, 1454-1466.	0.6	4
80	Restricted Lie algebras all whose elements are semisimple. Frontiers of Mathematics in China, 2011, 6, 61-70.	0.7	0
81	On the modular Lie superalgebra $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"} \rangle \langle \text{mml:mi} \rangle \hat{L} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$. Journal of Pure and Applied Algebra, 2011, 215, 1093-1101.	0.6	4
82	DECOMPOSITION THEOREMS OF LIE OPERATOR ALGEBRAS. Bulletin of the Korean Mathematical Society, 2011, 48, 1183-1193.	0.3	0
83	The Finite-dimensional Modular Lie Superalgebra \hat{L}^n . Algebra Colloquium, 2010, 17, 525-540.	0.2	3
84	On the Intersection of Maximal Subalgebras in a Lie Superalgebra. Algebra Colloquium, 2009, 16, 503-516.	0.2	8
85	The Frattini Subsystem of a Lie Triple System. Communications in Algebra, 2009, 37, 3750-3759.	0.6	5
86	Two kinds of Novikov algebras and their realizations. Journal of Pure and Applied Algebra, 2008, 212, 902-909.	0.6	9
87	SOME RESULTS OF MODULAR LIE SUPERALGEBRAS. Acta Mathematica Scientia, 2006, 26, 401-409.	1.0	1
88	ON THE PRIMARY DECOMPOSITION THEOREM OF MODULAR LIE SUPERALGEBRAS. Chinese Annals of Mathematics Series B, 2005, 26, 523-536.	0.4	1
89	ON QUASI-TORAL RESTRICTED LIE ALGEBRAS. Chinese Annals of Mathematics Series B, 2005, 26, 207-218.	0.4	4
90	Structure of symplectic 3-Lie algebras. Journal of Algebra and Its Applications, 0, , 2250185.	0.4	1

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91	Representations and T^* -extensions of Bihom-Jordan-Lie algebras. , 0, , 1-28.	1.0	0
92	Super-biderivations and linear super-commuting maps on the current Lie superalgebras. Communications in Algebra, 0, , 1-10.	0.6	0