

# Chongying Dong

## List of Publications by Year in descending order

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85  
papers

3,446  
citations

136950

32  
h-index

168389

53  
g-index

89  
all docs

89  
docs citations

89  
times ranked

256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super orbifold theory. <i>Advances in Mathematics</i> , 2022, 405, 108481.	1.1	2
2	S-matrix in orbifold theory. <i>Journal of Algebra</i> , 2021, 568, 139-159.	0.7	2
3	Some exceptional extensions of Virasoro vertex operator algebras. <i>Journal of Algebra</i> , 2020, 546, 370-389.	0.7	1
4	Determinants for integral forms in lattice type vertex operator algebras. <i>Journal of Algebra</i> , 2020, 558, 327-335.	0.7	2
5	Trace functions of the parafermion vertex operator algebras. <i>Advances in Mathematics</i> , 2019, 348, 1-17.	1.1	3
6	Congruence property in orbifold theory. <i>Proceedings of the American Mathematical Society</i> , 2018, 146, 497-506.	0.8	5
7	The irreducible modules and fusion rules for the parafermion vertex operator algebras. <i>Transactions of the American Mathematical Society</i> , 2018, 370, 5963-5981.	0.9	26
8	The 3-permutation orbifold of a lattice vertex operator algebra. <i>Journal of Pure and Applied Algebra</i> , 2018, 222, 1316-1336.	0.6	8
9	Hopf actions on vertex operator algebras. <i>Journal of Algebra</i> , 2018, 514, 310-329.	0.7	8
10	Lattice-integrality of certain group-invariant integral forms in vertex operator algebras. <i>Journal of Algebra</i> , 2017, 474, 505-516.	0.7	3
11	2-Permutations of lattice vertex operator algebras: Higher rank. <i>Journal of Algebra</i> , 2017, 476, 1-25.	0.7	7
12	Representations of the parafermion vertex operator algebras. <i>Advances in Mathematics</i> , 2017, 315, 88-101.	1.1	20
13	On orbifold theory. <i>Advances in Mathematics</i> , 2017, 321, 1-30.	1.1	43
14	Vertex operator algebras associated to the Virasoro algebra over an arbitrary field. <i>Transactions of the American Mathematical Society</i> , 2015, 368, 5177-5196.	0.9	14
15	2-cyclic permutations of lattice vertex operator algebras. <i>Proceedings of the American Mathematical Society</i> , 2015, 144, 3207-3220.	0.8	7
16	The Extensions of $L_{sl_2}(k, 0)$ and Preunitary Vertex Operator Algebras with Central Charges $\leq 1$ . <i>Communications in Mathematical Physics</i> , 2015, 340, 613-637.	2.2	5
17	Congruence property in conformal field theory. <i>Algebra and Number Theory</i> , 2015, 9, 2121-2166.	0.6	54
18	Quantum dimensions and fusion rules for parafermion vertex operator algebras. <i>Proceedings of the American Mathematical Society</i> , 2015, 144, 1483-1492.	0.8	21

#	ARTICLE	IF	CITATIONS
19	A characterization of vertex operator algebras $\langle V \rangle_{\hat{1}}$ : I. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, 51-79.	0.9	3
20	Fusion rules for the vertex operator algebra $\langle V \rangle_{\hat{1}}$ . Journal of Algebra, 2015, 423, 476-505.	0.7	4
21	On Rationality of Vertex Operator Superalgebras. International Mathematics Research Notices, 2014, 2014, 4379-4399.	1.0	9
22	Unitary vertex operator algebras. Journal of Algebra, 2014, 397, 252-277.	0.7	36
23	Mirror Extensions of Vertex Operator Algebras. Communications in Mathematical Physics, 2014, 329, 263-294.	2.2	7
24	Representations of vertex operator algebras over an arbitrary field. Journal of Algebra, 2014, 403, 497-516.	0.7	16
25	A Characterization of the Vertex Operator Algebra $V_{L_2}^{\mathbb{A}_4}$ . Contributions in Mathematical and Computational Sciences, 2014, , 55-74.	0.3	2
26	A characterization of the rational vertex operator algebra $\langle V \rangle_{\hat{1}}$ . Advances in Mathematics, 2013, 247, 41-70.	1.1	11
27	Representations of the vertex operator algebra $\langle V \rangle_{\hat{1}}$ . Journal of Algebra, 2013, 377, 76-96.	0.7	13
28	Quantum dimensions and quantum Galois theory. Transactions of the American Mathematical Society, 2013, 365, 6441-6469.	0.9	53
29	Rationality of vertex operator algebra $\langle V \rangle_{\hat{1}}$ : higher rank. Proceedings of the London Mathematical Society, 2012, 104, 799-826.	1.3	15
30	$\mathbb{Z}$ -Graded Weak Modules and Regularity. Communications in Mathematical Physics, 2012, 316, 269-277.	2.2	13
31	Integral forms in vertex operator algebras which are invariant under finite groups. Journal of Algebra, 2012, 365, 184-198.	0.7	24
32	Some finite properties for vertex operator superalgebras. Pacific Journal of Mathematics, 2012, 258, 269-290.	0.5	16
33	Parafermion vertex operator algebras. Frontiers of Mathematics in China, 2011, 6, 567-579.	0.7	10
34	On $C_2$ -cofiniteness of parafermion vertex operator algebras. Journal of Algebra, 2011, 328, 420-431.	0.7	26
35	A Characterization of Vertex Operator Algebra $L(\frac{1}{2}, 0) \otimes L(\frac{1}{2}, 0)$ . Communications in Mathematical Physics, 2010, 296, 69-88.	2.2	14
36	The Structure of Parafermion Vertex Operator Algebras: General Case. Communications in Mathematical Physics, 2010, 299, 783-792.	2.2	31

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37	The structure of parafermion vertex operator algebras. Journal of Algebra, 2010, 323, 371-381.	0.7	39
38	W-Algebra $W(2, 2)$ and the Vertex Operator Algebra $L(\frac{1}{2}, 0) \otimes L(\frac{1}{2}, 0)$ . Communications in Mathematical Physics, 2009, 285, 991-1004.	2.2	83
39	W-algebras related to parafermion algebras. Journal of Algebra, 2009, 322, 2366-2403.	0.7	45
40	Bimodules associated to vertex operator algebras. Mathematische Zeitschrift, 2008, 259, 799-826.	0.9	17
41	On classification of rational vertex operator algebras with central charges less than 1. Journal of Algebra, 2008, 320, 86-93.	0.7	9
42	Rational vertex operator algebras are finitely generated. Journal of Algebra, 2008, 320, 2610-2614.	0.7	8
43	Bimodules and $g$ -rationality of vertex operator algebras. Transactions of the American Mathematical Society, 2008, 360, 4235-4262.	0.9	8
44	Uniqueness results for the moonshine vertex operator algebra. American Journal of Mathematics, 2007, 129, 583-609.	1.1	11
45	Conformal nets associated with lattices and their orbifolds. Advances in Mathematics, 2006, 206, 279-306.	1.1	27
46	TWISTED REPRESENTATIONS OF VERTEX OPERATOR SUPERALGEBRAS. Communications in Contemporary Mathematics, 2006, 08, 101-121.	1.2	26
47	Shifted vertex operator algebras. Mathematical Proceedings of the Cambridge Philosophical Society, 2006, 141, 67.	0.4	19
48	Fusion Rules for the Vertex Operator Algebras $M(1)_+$ and $V+L$ . Communications in Mathematical Physics, 2005, 253, 171-219.	2.2	55
49	Modularity in Orbifold Theory for Vertex Operator Superalgebras. Communications in Mathematical Physics, 2005, 260, 227-256.	2.2	36
50	Elliptic Genus and Vertex Operator Algebras. Pure and Applied Mathematics Quarterly, 2005, 1, 791-815.	0.4	9
51	Rational vertex operator algebras and the effective central charge. International Mathematics Research Notices, 2004, 2004, 2989.	1.0	85
52	Classification of irreducible modules for the vertex operator algebra $VL_+$ : general case. Journal of Algebra, 2004, 273, 657-685.	0.7	39
53	Local and semilocal vertex operator algebras. Journal of Algebra, 2004, 280, 350-366.	0.7	3
54	Holomorphic vertex operator algebras of small central charge. Pacific Journal of Mathematics, 2004, 213, 253-266.	0.5	48

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55	$\hat{A}_3$ -symmetry and $W_3$ algebra in lattice vertex operator algebras. Pacific Journal of Mathematics, 2004, 215, 245-296.	0.5	16
56	Rationality, regularity, and $C_2$ -cofiniteness. Transactions of the American Mathematical Society, 2003, 356, 3391-3402.	0.9	111
57	Automorphism groups and derivation algebras of finitely generated vertex operator algebras. Michigan Mathematical Journal, 2002, 50, 227.	0.4	15
58	Vertex operator algebras, generalized doubles and dual pairs. Mathematische Zeitschrift, 2002, 241, 397-423.	0.9	34
59	Twisted Sectors for Tensor Product Vertex Operator Algebras Associated to Permutation Groups. Communications in Mathematical Physics, 2002, 227, 349-384.	2.2	48
60	Representations of a class of lattice type vertex algebras. Journal of Pure and Applied Algebra, 2002, 176, 27-47.	0.6	25
61	Title is missing!. International Mathematics Research Notices, 2001, 2001, 409.	1.0	17
62	Classification of Irreducible Modules for the Vertex Operator Algebra $M(1)_+$ . Journal of Algebra, 2001, 240, 289-325.	0.7	24
63	DECOMPOSITION OF THE VERTEX OPERATOR ALGEBRA $V_{\sqrt{2}D_1}$ . Communications in Contemporary Mathematics, 2001, 03, 137-151.	1.2	3
64	Modular-Invariance of Trace Functions $\hat{A}_n$ in Orbifold Theory and Generalized Moonshine. Communications in Mathematical Physics, 2000, 214, 1-56.	2.2	258
65	Representations of Vertex Operator Algebra $V_L +$ for Rank One Lattice $L$ . Communications in Mathematical Physics, 1999, 202, 169-195.	2.2	49
66	Classification of Irreducible Modules for the Vertex Operator Algebra $M(1)_+$ . Journal of Algebra, 1999, 216, 384-404.	0.7	44
67	Rank One Lattice Type Vertex Operator Algebras and Their Automorphism Groups II. E-Series. Journal of Algebra, 1999, 217, 701-710.	0.7	10
68	Vertex Operator Algebras and Associative Algebras. Journal of Algebra, 1998, 206, 67-96.	0.7	86
69	Rank One Lattice Type Vertex Operator Algebras and Their Automorphism Groups. Journal of Algebra, 1998, 208, 262-275.	0.7	54
70	Twisted representations of vertex operator algebras. Mathematische Annalen, 1998, 310, 571-600.	1.4	235
71	Framed Vertex Operator Algebras, Codes and the Moonshine Module. Communications in Mathematical Physics, 1998, 193, 407-448.	2.2	101
72	Title is missing!. International Mathematics Research Notices, 1998, 1998, 389.	1.0	43

#	ARTICLE	IF	CITATIONS
73	On quantum Galois theory. Duke Mathematical Journal, 1997, 86, 305.	1.5	179
74	Vertex Operator Algebras Associated to Admissible Representations of $\hat{\mathfrak{sl}}_2$ . Communications in Mathematical Physics, 1997, 184, 65-93.	2.2	43
75	Regularity of Rational Vertex Operator Algebras. Advances in Mathematics, 1997, 132, 148-166.	1.1	181
76	Certain Associative Algebras Similar to $U(\mathfrak{sl}_2)$ and Zhu's Algebra $A(VL)$ . Journal of Algebra, 1997, 196, 532-551.	0.7	14
77	Simple currents and extensions of vertex operator algebras. Communications in Mathematical Physics, 1996, 180, 671-707.	2.2	91
78	Induced modules for vertex operator algebras. Communications in Mathematical Physics, 1996, 179, 157-183.	2.2	28
79	The algebraic structure of relative twisted vertex operators. Journal of Pure and Applied Algebra, 1996, 110, 259-295.	0.6	83
80	Title is missing!. International Mathematics Research Notices, 1996, 1996, 913.	1.0	67
81	Nonabelian orbifolds and the boson-fermion correspondence. Communications in Mathematical Physics, 1994, 163, 523-559.	2.2	37
82	An orbifold theory of genus zero associated to the sporadic group $M_{24}$ . Communications in Mathematical Physics, 1994, 164, 87-104.	2.2	9
83	Generalized Vertex Algebras and Relative Vertex Operators. , 1993, , .		271
84	Vertex operator superalgebras and the 16-fold way. Transactions of the American Mathematical Society, 0, , .	0.9	0
85	Permutation orbifolds and associative algebras. Science China Mathematics, 0, , 1.	1.7	1