

Thomas Creutzig

List of Publications by Year in descending order

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88
papers

1,765
citations

257450

24
h-index

345221

36
g-index

89
all docs

89
docs citations

89
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	$N = 4$ Superconformal Algebras and Diagonal Cosets. International Mathematics Research Notices, 2022, 2022, 2180-2223.	1.0	8
2	Uprolling unrolled quantum groups. Communications in Contemporary Mathematics, 2022, 24, .	1.2	5
3	Tensor Structure on the Kazhdan-Lusztig Category for Affine $(1 1)$. International Mathematics Research Notices, 2022, 2022, 12462-12515.	1.0	8
4	INVARIANT SUBALGEBRAS OF THE SMALL $N = 4$ SUPERCONFORMAL ALGEBRA. Transformation Groups, 2022, 27, 797-832.	0.7	2
5	Direct limit completions of vertex tensor categories. Communications in Contemporary Mathematics, 2022, 24, .	1.2	10
6	Generalized parafermions of orthogonal type. Journal of Algebra, 2022, 593, 178-192.	0.7	2
7	Gluing vertex algebras. Advances in Mathematics, 2022, 396, 108174.	1.1	16
8	FZZ-triality and large N super Liouville theory. Nuclear Physics B, 2022, 977, 115734.	2.5	0
9	Urod algebras and Translation of W -algebras. Forum of Mathematics, Sigma, 2022, 10, .	0.7	5
10	Correspondences of Categories for Subregular W -Algebras and Principal W -Superalgebras. Communications in Mathematical Physics, 2022, 393, 1-60.	2.2	4
11	Tensor categories of affine Lie algebras beyond admissible levels. Mathematische Annalen, 2021, 380, 1991-2040.	1.4	17
12	Higher rank FZZ-dualities. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
13	The Vertex Algebras $R^{\{p\}}$ and $V^{\{p\}}$. Communications in Mathematical Physics, 2021, 383, 1207-1241.	2.2	16
14	Tensor categories arising from the Virasoro algebra. Advances in Mathematics, 2021, 380, 107601.	1.1	16
15	Hilbert schemes of nonreduced divisors in Calabi-Yau threefolds and W -algebras. European Journal of Mathematics, 2021, 7, 807.	0.5	1
16	On Ribbon Categories for Singlet Vertex Algebras. Communications in Mathematical Physics, 2021, 387, 865-925.	2.2	13
17	Duality of subregular W -algebras and principal W -superalgebras. Advances in Mathematics, 2021, 383, 107685.	1.1	23
18	Correlator correspondences for subregular W -algebras and principal W -superalgebras. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2

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19	Correlator correspondences for Gaiotto-Rapch dualities and first order formulation of coset models. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
20	Simple current extensions beyond semi-simplicity. Communications in Contemporary Mathematics, 2020, 22, 1950001.	1.2	28
21	Vertex Algebras for S-duality. Communications in Mathematical Physics, 2020, 379, 785-845.	2.2	24
22	Braided Tensor Categories Related to \mathcal{B}_p Vertex Algebras. Communications in Mathematical Physics, 2020, 378, 219-260.	2.2	18
23	A quasi-Hopf algebra for the triplet vertex operator algebra. Communications in Contemporary Mathematics, 2020, 22, 1950024.	1.2	26
24	S-duality for the Large $N=4$ Superconformal Algebra. Communications in Mathematical Physics, 2020, 374, 1787-1808.	2.2	18
25	Correspondences among CFTs with different W-algebra symmetry. Nuclear Physics B, 2020, 957, 115104.	2.5	7
26	Rectangular W algebras and superalgebras and their representations. Physical Review D, 2019, 100, .	4.7	14
27	Cosets of affine vertex algebras inside larger structures. Journal of Algebra, 2019, 517, 396-438.	0.7	35
28	Unitary and non-unitary $N = 2$ minimal models. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
29	Fusion categories for affine vertex algebras at admissible levels. Selecta Mathematica, New Series, 2019, 25, 1.	1.0	21
30	Cosets, characters and fusion for admissible-level $osp(1 2)$ minimal models. Nuclear Physics B, 2019, 938, 22-55.	2.5	18
31	Higgs and Coulomb branches from vertex operator algebras. Journal of High Energy Physics, 2019, 2019, 1.	4.7	24
32	W-algebras as coset vertex algebras. Inventiones Mathematicae, 2019, 218, 145-195.	2.5	52
33	Rectangular W-algebras, extended higher spin gravity and dual coset CFTs. Journal of High Energy Physics, 2019, 2019, 1.	4.7	19
34	SCHUR-WEYL DUALITY FOR HEISENBERG COSETS. Transformation Groups, 2019, 24, 301-354.	0.7	42
35	Rectangular W-algebras of types $so(M)$ and $sp(2M)$ and dual coset CFTs. Journal of High Energy Physics, 2019, 2019, 1.	4.7	7
36	Logarithmic link invariants of $U_q(\mathfrak{sl}_2)$ and asymptotic dimensions of singlet vertex algebras. Journal of Pure and Applied Algebra, 2018, 222, 3224-3247.	0.6	22

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37	Self-dual vertex operator superalgebras and superconformal field theory. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 034001.	2.1	10
38	Representation theory of $L_k(\mathfrak{osp}(1 2))$ from vertex tensor categories and Jacobi forms. Proceedings of the American Mathematical Society, 2018, 146, 4571-4589.	0.8	17
39	Logarithmic W -algebras and Argyres-Douglas theories at higher rank. Journal of High Energy Physics, 2018, 2018, 1.	4.7	30
40	Modularity of logarithmic parafermion vertex algebras. Letters in Mathematical Physics, 2018, 108, 2543-2587.	1.1	15
41	Braided Tensor Categories of Admissible Modules for Affine Lie Algebras. Communications in Mathematical Physics, 2018, 362, 827-854.	2.2	36
42	Higher rank partial and false theta functions and representation theory. Advances in Mathematics, 2017, 314, 203-227.	1.1	29
43	Cosets of Bershadsky-Polyakov algebras and rational \mathcal{W} -algebras of type A. Selecta Mathematica, New Series, 2017, 23, 2369-2395.	1.0	18
44	W -algebras for Argyres-Douglas theories. European Journal of Mathematics, 2017, 3, 659-690.	0.5	29
45	Vertical $D_4 \oplus D_2 \oplus D_0$ Bound States on $K3$ Fibrations and Modularity. Communications in Mathematical Physics, 2017, 350, 1069-1121.	2.2	8
46	Orbifolds and Cosets of Minimal \mathcal{W} -Algebras. Communications in Mathematical Physics, 2017, 355, 339-372.	2.2	31
47	Logarithmic conformal field theory, log-modular tensor categories and modular forms. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 404004.	2.1	28
48	Orbifolds of symplectic fermion algebras. Transactions of the American Mathematical Society, 2016, 369, 467-494.	0.9	22
49	Correspondences between WZNW models and CFTs with W -algebra symmetry. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
50	Higgs phenomenon for higher spin fields on AdS_3 . Journal of High Energy Physics, 2015, 2015, 1.	4.7	12
51	The super $\mathcal{W}_{1+\infty}$ algebra with integral central charge. Transactions of the American Mathematical Society, 2015, 367, 5521-5551.	0.9	20
52	Negative index Jacobi forms and quantum modular forms. Research in Mathematical Sciences, 2014, 1, 1.	1.0	22
53	The mock modular data of a family of superalgebras. Proceedings of the American Mathematical Society, 2014, 142, 2265-2280.	0.8	15
54	Higher spin AdS_3 holography with extended supersymmetry. Journal of High Energy Physics, 2014, 2014, 1.	4.7	43

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55	A Commutant Realization of $\mathfrak{so}(2)$ at Critical Level. International Mathematics Research Notices, 2014, 2014, 577-609.	1.0	7
56	Coset Constructions of Logarithmic $(1, p)$ Models. Letters in Mathematical Physics, 2014, 104, 553-583.	1.1	48
57	Unitary W -algebras and three-dimensional higher spin gravities with spin one symmetry. Journal of High Energy Physics, 2014, 2014, 1.	4.7	7
58	The McKay-Thompson series of Mathieu Moonshine modulo two. Ramanujan Journal, 2014, 34, 319-328.	0.7	4
59	False theta functions and the Verlinde formula. Advances in Mathematics, 2014, 262, 520-545.	1.1	52
60	Mathieu moonshine and the geometry of K3 surfaces. Communications in Number Theory and Physics, 2014, 8, 295-328.	1.0	14
61	$\mathcal{N}=1$ supersymmetric higher spin holography on AdS3. Journal of High Energy Physics, 2013, 2013, 1.	4.7	35
62	A commutant realization of Odake's algebra. Transformation Groups, 2013, 18, 615-637.	0.7	2
63	Three point functions in higher spin AdS3 supergravity. Journal of High Energy Physics, 2013, 2013, 1.	4.7	24
64	Modular data and Verlinde formulae for fractional level WZW models II. Nuclear Physics B, 2013, 875, 423-458.	2.5	65
65	Relating the archetypes of logarithmic conformal field theory. Nuclear Physics B, 2013, 872, 348-391.	2.5	45
66	Extended higher spin holography and Grassmannian models. Journal of High Energy Physics, 2013, 2013, 1.	4.7	50
67	Logarithmic conformal field theory: beyond an introduction. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 494006.	2.1	80
68	HIGHER SPIN AdS3 SUPERGRAVITY AND ITS CFT DUAL. International Journal of Modern Physics Conference Series, 2013, 21, 163-164.	0.7	0
69	W -Algebras Extending $\widehat{\mathfrak{so}}(2 1)$, 2013, , 349-367.		4
70	Modular data and Verlinde formulae for fractional level WZW models I. Nuclear Physics B, 2012, 865, 83-114.	2.5	61
71	Higher spin AdS3 supergravity and its dual CFT. Journal of High Energy Physics, 2012, 2012, 1.	4.7	91
72	Fermionic coset, critical level $\mathfrak{W}_4^{(2)}$ -algebra and higher spins. Journal of High Energy Physics, 2012, 2012, 1.	4.7	2

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73	Branes in the WZNW model. Nuclear Physics B, 2011, 842, 172-224.	2.5	12
74	Yangian superalgebras in conformal field theory. Nuclear Physics B, 2011, 849, 636-653.	2.5	3
75	Supergroup \hat{e}_6 extended super Liouville correspondence. Journal of High Energy Physics, 2011, 2011, 1.	4.7	13
76	The FZZ duality with boundary. Journal of High Energy Physics, 2011, 2011, 1.	4.7	6
77	Cohomological reduction of sigma models. Journal of High Energy Physics, 2010, 2010, 1.	4.7	15
78	Yangian in the twistor string. Journal of High Energy Physics, 2010, 2010, 1.	4.7	4
79	From world-sheet supersymmetry to super target spaces. Journal of High Energy Physics, 2010, 2010, 1.	4.7	10
80	$N=2$ superconformal symmetry in super coset models. Physical Review D, 2009, 80, .	4.7	5
81	Boundary correlators in supergroup WZNW models. Nuclear Physics B, 2009, 807, 471-494.	2.5	20
82	Geometry of branes on supergroups. Nuclear Physics B, 2009, 812, 301-321.	2.5	19
83	The $-$ symplectic fermion correspondence. Nuclear Physics B, 2009, 815, 95-124.	2.5	28
84	Branes in the WZNW model. Nuclear Physics B, 2008, 792, 257-283.	2.5	36
85	New boundary conditions for the $c=2$ ghost system. Physical Review D, 2008, 77, .	4.7	12
86	Boundary spectra in superspace \check{f} -models. Journal of High Energy Physics, 2008, 2008, 024-024.	4.7	30
87	On Regularised Quantum Dimensions of the Singlet Vertex Operator Algebra and False Theta Functions. International Mathematics Research Notices, 0, , rnw037.	1.0	7
88	Harmonic Analysis and Free Field Realization of the Takiff Supergroup of $GL(1 1)$. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	2