David Ridout

List of Publications by Year
in descending order

49 papers	1,193 citations	304743 22 h-index	395702 33 g-index
49 all docs	49 docs citations	49 times ranked	219 citing authors

#	Article	IF	Citations
1	Logarithmic conformal field theory: beyond an introduction. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 494006.	2.1	80
2	From percolation to logarithmic conformal field theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 657, 120-129.	4.1	75
3	Modular data and Verlinde formulae for fractional level WZW models II. Nuclear Physics B, 2013, 875, 423-458.	2.5	65
4	Modular data and Verlinde formulae for fractional level WZW models I. Nuclear Physics B, 2012, 865, 83-114.	2.5	61
5	On staggered indecomposable Virasoro modules. Journal of Mathematical Physics, 2009, 50, .	1.1	57
6	Coset Constructions of Logarithmic (1, p) Models. Letters in Mathematical Physics, 2014, 104, 553-583.	1.1	48
7	Logarithmic minimal models, their logarithmic couplings, and duality. Nuclear Physics B, 2008, 801, 268-295.	2.5	45
8	Relating the archetypes of logarithmic conformal field theory. Nuclear Physics B, 2013, 872, 348-391.	2.5	45
9	: A case study. Nuclear Physics B, 2009, 814, 485-521.	2.5	44
10	Standard modules, induction and the structure of the Temperley-Lieb algebra. Advances in Theoretical and Mathematical Physics, 2014, 18, 957-1041.	0.6	44
11	SCHURâ€"WEYL DUALITY FOR HEISENBERG COSETS. Transformation Groups, 2019, 24, 301-354.	0.7	42
12	and the triplet model. Nuclear Physics B, 2010, 835, 314-342.	2.5	38
13	Fusion in fractional level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mi mathvariant="fraktur">sl</mml:mi><mml:mo>Ë†</mml:mo></mml:mover><mml:mo stretchy="false">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 257 Td (stretchy="false"> xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"><mml:mi>k</m	2.5	37
14	D-branes on group manifolds and fusion rings. Journal of High Energy Physics, 2002, 2002, 065-065.	4.7	33
15	Bosonic Ghosts at cÂ=Â2 as a Logarithmic CFT. Letters in Mathematical Physics, 2015, 105, 279-307.	1.1	33
16	Relaxed Highest-Weight Modules I: Rank 1 Cases. Communications in Mathematical Physics, 2019, 368, 627-663.	2.2	29
17	On the percolation BCFT and the crossing probability of Watts. Nuclear Physics B, 2009, 810, 503-526.	2.5	28
18	Relaxed singular vectors, Jack symmetric functions and fractional level <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mover accent="true"><mml:mrow><mml:mi mathvariant="fraktur">sl</mml:mi></mml:mrow><mml:mrow><mml:mo>Ë†</mml:mo></mml:mrow></mml:mover><mml:mrow><mml: stretchy="true">(</mml:mo><mml:mn>2</mml:mn><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 42 Td (stretchy="true">)</mml:mo	2.5	28

#	Article	IF	Citations
19	Modular transformations and Verlinde formulae for logarithmic <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mi>p</mml:mi></mml:mrow><mml:mrow><mml:mo>+</mml:mo></m	2.5	25
20	The Verlinde formula in logarithmic CFT. Journal of Physics: Conference Series, 2015, 597, 012065.	0.4	25
21	Takiff superalgebras and conformal field theory. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 125204.	2.1	24
22	Boundary algebras and Kac modules for logarithmic minimal models. Nuclear Physics B, 2015, 899, 677-769.	2.5	22
23	Convergence properties of gradient descent noise reduction. Physica D: Nonlinear Phenomena, 2002, 165, 26-47.	2.8	19
24	Cosets, characters and fusion for admissible-level osp(1|2) minimal models. Nuclear Physics B, 2019, 938, 22-55.	2.5	18
25	Tensor categories arising from the Virasoro algebra. Advances in Mathematics, 2021, 380, 107601.	1.1	16
26	Integrability of a family of quantum field theories related to sigma models. Nuclear Physics B, 2011, 853, 327-378.	2.5	15
27	An admissible level $$widehat{mathfrak {osp}} left(1 ig vert 2 ight) $$-model: modular transformations and the Verlinde formula. Letters in Mathematical Physics, 2018, 108, 2363-2423.	1.1	15
28	Modularity of logarithmic parafermion vertex algebras. Letters in Mathematical Physics, 2018, 108, 2543-2587.	1.1	15
29	PRESENTATIONS OF WESSâ€“ZUMINOâ€“WITTEN FUSION RINGS. Reviews in Mathematical Physics, 2006, 18, 201-232.	1.7	13
30	The extended algebra of the Wessâ€“Zuminoâ€“Witten models. Nuclear Physics B, 2007, 765, 201-239.	2.5	13
31	The extended algebra of the minimal models. Nuclear Physics B, 2007, 776, 365-404.	2.5	13
32	Fusion rules for the logarithmic<i>N</i>= 1 superconformal minimal models: I. The Neveuâ€“Schwarz sector. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 415402.	2.1	13
33	Logarithmic conformal field theory. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 490301.	2.1	12
34	Fusion rules for the logarithmic N = 1 superconformal minimal models II: Including the Ramond sector. Nuclear Physics B, 2016, 905, 132-187.	2.5	11
35	Unitary and non-unitary N = 2 minimal models. Journal of High Energy Physics, 2019, 2019, 1.	4.7	11
36	A realisation of the Bershadskyâ€“Polyakov algebras and their relaxed modules. Letters in Mathematical Physics, 2021, 111, 1.	1.1	11

#	Article	IF	Citations
37	Superconformal minimal models and admissible Jack polynomials. Advances in Mathematics, 2017, 314, 71-123.	1.1	10
38	Non-chiral logarithmic couplings for the Virasoro algebra. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 255203.	2.1	9
39	From Jack polynomials to minimal model spectra. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 045201.	2.1	9
40	Classifying Relaxed Highest-Weight Modules for Admissible-Level Bershadskyâ€“Polyakov Algebras. Communications in Mathematical Physics, 2021, 385, 859-904.	2.2	9
41	Relaxed highest-weight modules II: Classifications for affine vertex algebras. Communications in Contemporary Mathematics, 2022, 24, .	1.2	7
42	A Note on the Equality of Algebraic and Geometric D-Brane Charges in WZW Models. Journal of High Energy Physics, 2004, 2004, 029-029.	4.7	6
43	Restriction and induction of indecomposable modules over the Temperleyâ€“Lieb algebras. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 045201.	2.1	6
44	W-Algebras Extending $$widehat{mathfrak{g}mathfrak{l}}(1vert 1)$$. , 2013, , 349-367.		4
45	Singular vectors for the WN algebras. Journal of Mathematical Physics, 2018, 59, 031701.	1.1	3
46	Modularity of Bershadskyâ€“Polyakov minimal models. Letters in Mathematical Physics, 2022, 112, .	1.1	3
47	NGK and HLZ: Fusion for Physicists and Mathematicians. Springer INdAM Series, 2019, , 135-181.	0.5	2
48	Staggered modules of Nâ€¯=â€¯2 superconformal minimal models. Nuclear Physics B, 2021, 967, 115397.	2.5	1
49	Representations of the Nappiâ€“Witten vertex operator algebra. Letters in Mathematical Physics, 2021, 111, 1.	1.1	1