

Aaron D Lauda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7598415/publications.pdf>

Version: 2024-02-01

33
papers

1,145
citations

623734

14
h-index

434195

31
g-index

34
all docs

34
docs citations

34
times ranked

169
citing authors

#	ARTICLE	IF	CITATIONS
1	Pseudo-Hermitian Levin-Wen models from non-semisimple TQFTs. <i>Annals of Physics</i> , 2022, 442, 168937.	2.8	2
2	Ozsváth-Szabó bordered algebras and subquotients of category \mathcal{O} . <i>Advances in Mathematics</i> , 2021, 376, 107455.	1.1	3
3	Parameters in Categorified Quantum Groups. <i>Algebras and Representation Theory</i> , 2020, 23, 1265-1284.	0.7	1
4	DG structures on odd categorified quantum $\mathfrak{sl}(2)$. <i>Quantum Topology</i> , 2020, 11, 227-294.	0.9	1
5	Curved Rickard complexes and link homologies. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2020, 2020, 87-119.	0.9	0
6	The colored HOMFLYPT function is q-holonomic. <i>Duke Mathematical Journal</i> , 2018, 167, .	1.5	17
7	W-ALGEBRAS FROM HEISENBERG CATEGORIES. <i>Journal of the Institute of Mathematics of Jussieu</i> , 2018, 17, 981-1017.	0.7	8
8	The elliptic Hall algebra and the deformed Khovanov Heisenberg category. <i>Selecta Mathematica, New Series</i> , 2018, 24, 4041-4103.	1.0	9
9	A DG-extension of symmetric functions arising from higher representation theory. <i>Journal of Combinatorial Algebra</i> , 2018, 2, 169-214.	0.3	1
10	Trace decategorification of categorified quantum \mathfrak{sl}_2 . <i>Mathematische Annalen</i> , 2017, 367, 397-440.	1.4	15
11	Current algebras and categorified quantum groups. <i>Journal of the London Mathematical Society</i> , 2017, 95, 248-276.	1.0	12
12	An odd categorification of $U_q(\mathfrak{sl}_2)$. <i>Quantum Topology</i> , 2016, 7, 329-433.	0.9	10
13	Trace decategorification of the Hecke category. <i>Journal of Algebra</i> , 2016, 449, 615-634.	0.7	18
14	Cyclicity for categorified quantum groups. <i>Journal of Algebra</i> , 2016, 452, 118-132.	0.7	7
15	Khovanov homology is a skew Howe 2 -representation of categorified quantum \mathfrak{m} . <i>Algebraic and Geometric Topology</i> , 2015, 15, 2517-2608.	0.4	25
16	Implicit structure in 2-representations of quantum groups. <i>Selecta Mathematica, New Series</i> , 2015, 21, 201-244.	1.0	31
17	Trace as an Alternative Decategorification Functor. <i>Acta Mathematica Vietnamica</i> , 2014, 39, 425-480.	0.4	17
18	The Odd nilHecke Algebra and its Diagrammatics. <i>International Mathematics Research Notices</i> , 2014, 2014, 991-1062.	1.0	20

#	ARTICLE	IF	CITATIONS
19	Oddification of the Cohomology of Type A Springer Varieties. International Mathematics Research Notices, 2014, 2014, 4822-4854.	1.0	6
20	Categorified quantum sl_2 is an inverse limit of flag 2-categories. Transformation Groups, 2014, 19, 1-26.	0.7	5
21	A categorification of the Casimir of quantum $sl(2)$. Advances in Mathematics, 2012, 230, 1442-1501.	1.1	4
22	Extended graphical calculus for categorified quantum $sl(2)$. Memoirs of the American Mathematical Society, 2012, 219, 0-0.	0.9	25
23	Categorified Quantum $sl(2)$ and Equivariant Cohomology of Iterated Flag Varieties. Algebras and Representation Theory, 2011, 14, 253-282.	0.7	19
24	Crystals from categorified quantum groups. Advances in Mathematics, 2011, 228, 803-861.	1.1	68
25	A diagrammatic approach to categorification of quantum groups II. Transactions of the American Mathematical Society, 2011, 363, 2685-2700.	0.9	161
26	A categorification of quantum sl_2 . Advances in Mathematics, 2010, 225, 3327-3424.	1.1	110
27	A categorification of quantum $sl(n)$. Quantum Topology, 2010, 1, 1-92.	0.9	112
28	Categorification in Representation Theory. International Journal of Mathematics and Mathematical Sciences, 2010, 2010, 1-2.	0.7	0
29	Nilpotency in type A cyclotomic quotients. Journal of Algebraic Combinatorics, 2010, 32, 533-555.	0.8	8
30	OPEN-CLOSED TQFTS EXTEND KHOVANOV HOMOLOGY FROM LINKS TO TANGLES. Journal of Knot Theory and Its Ramifications, 2009, 18, 87-150.	0.3	9
31	A diagrammatic approach to categorification of quantum groups I. Representation Theory, 2009, 13, 309-347.	0.5	338
32	Open-closed strings: Two-dimensional extended TQFTs and Frobenius algebras. Topology and Its Applications, 2008, 155, 623-666.	0.4	50
33	STATE SUM CONSTRUCTION OF TWO-DIMENSIONAL OPEN-CLOSED TOPOLOGICAL QUANTUM FIELD THEORIES. Journal of Knot Theory and Its Ramifications, 2007, 16, 1121-1163.	0.3	27