

Andrey Morozov

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Colored HOMFLY polynomials of knots presented as double fat diagrams. Journal of High Energy Physics, 2015, 2015, 1.	4.7	42
2	Colored knot polynomials: HOMFLY in representation [2, 1]. International Journal of Modern Physics A, 2015, 30, 1550169.	1.5	35
3	On colored HOMFLY polynomials for twist knots. Modern Physics Letters A, 2014, 29, 1450183.	1.2	30
4	Character expansion for HOMFLY polynomials I: Integrability and difference equations. , 2012, , 101-118.		27
5	Quantum Racah matrices and 3-strand braids in irreps R with $ R = 4$. JETP Letters, 2016, 104, 56-61.	1.4	25
6	Racah matrices and hidden integrability in evolution of knots. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 760, 45-58.	4.1	23
7	Towards topological quantum computer. Nuclear Physics B, 2018, 926, 491-508.	2.5	22
8	Generalized Knizhnik-Zamolodchikov equation for Ding-Iohara-Miki algebra. Physical Review D, 2017, 96, .	4.7	19
9	Tangle blocks in the theory of link invariants. Journal of High Energy Physics, 2018, 2018, 1.	4.7	17
10	From topological to quantum entanglement. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
11	HOMFLY polynomials in representation [3, 1] for 3-strand braids. Journal of High Energy Physics, 2016, 2016, 1.	4.7	13
12	Differential expansion for link polynomials. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 197-206.	4.1	13
13	Multi-colored Links From 3-Strand Braids Carrying Arbitrary Symmetric Representations. Annales Henri Poincare, 2019, 20, 4033-4054.	1.7	12
14	Eigenvalue hypothesis for multistrand braids. Physical Review D, 2018, 97, .	4.7	11
15	Evolution method and HOMFLY polynomials for virtual knots. International Journal of Modern Physics A, 2015, 30, 1550074.	1.5	10
16	Checks of integrality properties in topological strings. Journal of High Energy Physics, 2017, 2017, 1.	4.7	10
17	Multiplicity-free $U(\mathfrak{sl})$ 6-j symbols: Relations, asymptotics, symmetries. Nuclear Physics B, 2020, 960, 115164.	2.5	10
18	On the block structure of the quantum \hat{R} -matrix in the three-strand braids. International Journal of Modern Physics A, 2018, 33, 1850105.	1.5	9

#	ARTICLE	IF	CITATIONS
19	Distinguishing Mutant knots. Journal of Geometry and Physics, 2021, 159, 103928.	1.4	9
20	Nontorus link from topological vertex. Physical Review D, 2018, 98, .	4.7	8
21	Quantum Racah matrices up to level 3 and multicolored link invariants. Journal of Geometry and Physics, 2018, 132, 155-180.	1.4	8
22	Gaussian distribution of LMOV numbers. Nuclear Physics B, 2017, 924, 1-32.	2.5	7
23	Difference of Mutant Knot Invariants and Their Differential Expansion. JETP Letters, 2020, 111, 494-499.	1.4	7
24	Quantum \hat{sl}_2 -Matrices as Universal Qubit Gates. JETP Letters, 2020, 111, 519-524.	1.4	7
25	Interplay between symmetries of quantum 6j-symbols and the eigenvalue hypothesis. Letters in Mathematical Physics, 2021, 111, 1.	1.1	4