

Kailash C Misra

List of Publications by Year in descending order

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53
papers

946
citations

687220

13
h-index

454834

30
g-index

54
all docs

54
docs citations

54
times ranked

154
citing authors

#	ARTICLE	IF	CITATIONS
1	AFFINE CRYSTALS AND VERTEX MODELS. International Journal of Modern Physics A, 1992, 07, 449-484.	0.5	195
2	Perfect crystals of quantum affine Lie algebras. Duke Mathematical Journal, 1992, 68, 499.	0.8	155
3	Crystal base for the basic representation of $U_q(\widehat{\mathfrak{sl}}(n))$. Communications in Mathematical Physics, 1990, 134, 79-88.	1.0	136
4	Combinatorics of representations of $U_q(\widehat{\mathfrak{sl}}(n))$ at $q=0$. Communications in Mathematical Physics, 1991, 136, 543-566.	1.0	110
5	Structure of certain standard modules for $An(1)$ and the Rogers-Ramanujan identities. Journal of Algebra, 1984, 88, 196-227.	0.4	30
6	Crystals for Demazure Modules of Classical Affine Lie Algebras. Journal of Algebra, 1998, 208, 185-215.	0.4	29
7	Structure of some standard modules for $C_n(1)$. Journal of Algebra, 1984, 90, 385-409.	0.4	22
8	q -Wedge Modules for Quantized Enveloping Algebras of Classical Type. Journal of Algebra, 2000, 230, 518-539.	0.4	22
9	On classification of four-dimensional nilpotent Leibniz algebras. Communications in Algebra, 2017, 45, 1012-1018.	0.3	21
10	Vertex operators for twisted quantum affine algebras. Transactions of the American Mathematical Society, 1999, 351, 1663-1690.	0.5	21
11	Demazure Modules and Perfect Crystals. Communications in Mathematical Physics, 1998, 192, 555-567.	1.0	19
12	Characters of Demazure modules and solvable lattice models. Nuclear Physics B, 1998, 510, 555-576.	0.9	18
13	Level one standard modules for affine symplectic Lie algebras. Mathematische Annalen, 1990, 287, 287-302.	0.7	13
14	Level two standard \tilde{A}_n -modules. Journal of Algebra, 1991, 137, 56-76.	0.4	11
15	Paths, Demazure crystals, and symmetric functions. Journal of Mathematical Physics, 2000, 41, 6477-6486.	0.5	11
16	Fermionic realization of toroidal Lie algebras of classical types. Journal of Algebra, 2010, 324, 183-194.	0.4	11
17	Vertex operators of level-one $U_q(\mathfrak{B}_n(1))$ -modules. Letters in Mathematical Physics, 1996, 36, 127-143.	0.5	10
18	Bosonic realization of toroidal Lie algebras of classical types. Proceedings of the American Mathematical Society, 2009, 137, 3609-3609.	0.4	9

#	ARTICLE	IF	CITATIONS
37	The Polynomial Behavior of Weight Multiplicities for the Affine Kac-Moody Algebras $A(1)_r$. <i>Compositio Mathematica</i> , 2001, 126, 91-111.	0.5	2
38	Soliton cellular automaton associated with $D_n(1)$ -crystal. <i>Journal of Mathematical Physics</i> , 2013, 54, 043301.	0.5	2
39	REALIZATION OF $\widehat{\mathfrak{sl}}_2(\mathbb{C})$ AT THE CRITICAL LEVEL. <i>Communications in Contemporary Mathematics</i> , 2014, 16, 1450006. Imaginary Verma modules for $\widehat{\mathfrak{sl}}_2(\mathbb{C})$ at the critical level. <i>Journal of Algebra</i> , 2015, 468, 1-44.	0.6	2
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