

# Kanehisa Takasaki

## List of Publications by Year in descending order

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24  
papers

712  
citations

933447

10  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	INTEGRABLE HIERARCHIES AND DISPERSIONLESS LIMIT. <i>Reviews in Mathematical Physics</i> , 1995, 07, 743-808.	1.7	316
2	Initial Value Problem for the Toda Lattice Hierarchy. , 0, , .		71
3	Quasi-classical limit of Toda hierarchy and $W$ -infinity symmetries. <i>Letters in Mathematical Physics</i> , 1993, 28, 165-176.	1.1	56
4	Dispersionless Toda hierarchy and two-dimensional string theory. <i>Communications in Mathematical Physics</i> , 1995, 170, 101-116.	2.2	52
5	Melting Crystal, Quantum Torus and Toda Hierarchy. <i>Communications in Mathematical Physics</i> , 2009, 285, 445-468.	2.2	41
6	Toda lattice hierarchy and generalized string equations. <i>Communications in Mathematical Physics</i> , 1996, 181, 131-156.	2.2	38
7	Five-Dimensional Supersymmetric Yang-Mills Theories and Random Plane Partitions. <i>Journal of High Energy Physics</i> , 2005, 2005, 056-056.	4.7	29
8	Integrable structure of melting crystal model with external potentials. , 0, , .		19
9	Toda hierarchies and their applications. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 203001.	2.1	18
10	Generalized string equations for double Hurwitz numbers. <i>Journal of Geometry and Physics</i> , 2012, 62, 1135-1156.	1.4	14
11	$q$ -Analogue of Modified KP Hierarchy and its Quasi-Classical Limit. <i>Letters in Mathematical Physics</i> , 2005, 72, 165-181.	1.1	13
12	A modified melting crystal model and the Ablowitz-Ladik hierarchy. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 245202.	2.1	13
13	INTEGRABLE STRUCTURE OF 5d $\mathcal{N} = 1$ SUPERSYMMETRIC YANG-MILLS AND MELTING CRYSTAL. <i>International Journal of Modern Physics A</i> , 2008, 23, 2332-2342.	1.5	7
14	Orbifold melting crystal models and reductions of Toda hierarchy. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 215201.	2.1	4
15	Open string amplitudes of closed topological vertex. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2016, 49, 025201.	2.1	4
16	KP AND TODA TAU FUNCTIONS IN BETHE ANSATZ. , 2010, , .		4
17	Hurwitz numbers and integrable hierarchy of Volterra type. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2018, 51, 43LT01.	2.1	3
18	An $\hbar$ -expansion of the Toda hierarchy. <i>Analysis and Mathematical Physics</i> , 2012, 2, 171-214.	1.3	2

#	ARTICLE	IF	CITATIONS
19	Three-Partition Hodge Integrals and the Topological Vertex. Communications in Mathematical Physics, 2020, 376, 201-234.	2.2	2
20	Dressing operators in equivariant Gromov-Witten theory of CP1. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 35LT02.	2.1	2
21	Extended lattice Gelfand-Dickey hierarchy. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 305203.	2.1	2
22	Landau-Lifshitz Hierarchy and Infinite-Dimensional Grassmann Variety. Letters in Mathematical Physics, 2004, 67, 141-152.	1.1	1
23	Thermodynamic limit of random partitions and dispersionless Toda hierarchy. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 025403.	2.1	1
24	4D limit of melting crystal model and its integrable structure. Journal of Geometry and Physics, 2019, 137, 184-203.	1.4	0