

# Kanehisa Takasaki

## List of Publications by Year in descending order

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24  
papers

712  
citations

933447

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752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended lattice Gelfand–Dickey hierarchy. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 305203.	2.1	2
2	Dressing operators in equivariant Gromov–Witten theory of CP <sup>1</sup> . Journal of Physics A: Mathematical and Theoretical, 2021, 54, 35LT02.	2.1	2
3	Three-Partition Hodge Integrals and the Topological Vertex. Communications in Mathematical Physics, 2020, 376, 201-234.	2.2	2
4	4D limit of melting crystal model and its integrable structure. Journal of Geometry and Physics, 2019, 137, 184-203.	1.4	0
5	Toda hierarchies and their applications. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 203001.	2.1	18
6	Hurwitz numbers and integrable hierarchy of Volterra type. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 43LT01.	2.1	3
7	Open string amplitudes of closed topological vertex. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 025201.	2.1	4
8	Orbifold melting crystal models and reductions of Toda hierarchy. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 215201.	2.1	4
9	A modified melting crystal model and the Ablowitz–Ladik hierarchy. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 245202.	2.1	13
10	Thermodynamic limit of random partitions and dispersionless Toda hierarchy. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 025403.	2.1	1
11	An $\hbar$ -expansion of the Toda hierarchy. Analysis and Mathematical Physics, 2012, 2, 171-214.	1.3	2
12	Generalized string equations for double Hurwitz numbers. Journal of Geometry and Physics, 2012, 62, 1135-1156.	1.4	14
13	KP AND TODA TAU FUNCTIONS IN BETHE ANSATZ. , 2010, , .		4
14	Melting Crystal, Quantum Torus and Toda Hierarchy. Communications in Mathematical Physics, 2009, 285, 445-468.	2.2	41
15	INTEGRABLE STRUCTURE OF 5d $\mathcal{N} = 1$ SUPERSYMMETRIC YANG-MILLS AND MELTING CRYSTAL. International Journal of Modern Physics A, 2008, 23, 2332-2342.	1.5	7
16	q-Analogue of Modified KP Hierarchy and its Quasi-Classical Limit. Letters in Mathematical Physics, 2005, 72, 165-181.	1.1	13
17	Five-Dimensional Supersymmetric Yang-Mills Theories and Random Plane Partitions. Journal of High Energy Physics, 2005, 2005, 056-056.	4.7	29
18	Landau–Lifshitz Hierarchy and Infinite-Dimensional Grassmann Variety. Letters in Mathematical Physics, 2004, 67, 141-152.	1.1	1

#	ARTICLE	IF	CITATIONS
19	Toda lattice hierarchy and generalized string equations. Communications in Mathematical Physics, 1996, 181, 131-156.	2.2	38
20	Dispersionless Toda hierarchy and two-dimensional string theory. Communications in Mathematical Physics, 1995, 170, 101-116.	2.2	52
21	INTEGRABLE HIERARCHIES AND DISPERSIONLESS LIMIT. Reviews in Mathematical Physics, 1995, 07, 743-808.	1.7	316
22	Quasi-classical limit of Toda hierarchy and $W$ -infinity symmetries. Letters in Mathematical Physics, 1993, 28, 165-176.	1.1	56
23	Initial Value Problem for the Toda Lattice Hierarchy. , 0, , .		71
24	Integrable structure of melting crystal model with external potentials. , 0, , .		19