

# Toshikazu Sunada

## List of Publications by Year in descending order

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46  
papers

1,461  
citations

331259

21  
h-index

329751

37  
g-index

49  
all docs

49  
docs citations

49  
times ranked

338  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Crystallography. , 2013, , .		54
2	Topological Crystals. , 2013, , 73-92.		3
3	Covering Graphs. , 2013, , 53-70.		0
4	Standard Realizations. , 2013, , 93-124.		0
5	Generalities on Graphs. , 2013, , 21-35.		0
6	Random Walks on Topological Crystals. , 2013, , 155-180.		0
7	Homology Groups of Graphs. , 2013, , 37-51.		1
8	Quotient Objects. , 2013, , 11-20.		0
9	Explicit Construction. , 2013, , 125-152.		0
10	Discrete Abelâ€“Jacobi Maps. , 2013, , 181-200.		0
11	Lecture on topological crystallography. Japanese Journal of Mathematics, 2012, 7, 1-39.	0.8	32
12	Asymptotic behavior of quantum walks on the line. Journal of Functional Analysis, 2012, 262, 2608-2645.	0.7	35
13	Large deviation and the tangent cone at infinity of a crystal lattice. Mathematische Zeitschrift, 2006, 254, 837-870.	0.4	31
14	Geometric Theory of Lattice Vibrations and Specific Heat. Pure and Applied Mathematics Quarterly, 2006, 2, 745-777.	0.2	16
15	Standard realizations of crystal lattices via harmonic maps. Transactions of the American Mathematical Society, 2000, 353, 1-20.	0.5	64
16	Jacobian Tori Associated with a Finite Graph and Its Abelian Covering Graphs. Advances in Applied Mathematics, 2000, 24, 89-110.	0.4	41
17	Albanese Maps and Off Diagonal Long Time Asymptotics for the Heat Kernel. Communications in Mathematical Physics, 2000, 209, 633-670.	1.0	58
18	Asymptotic Behavior of the Transition Probability of a Random Walk on an Infinite Graph. Journal of Functional Analysis, 1998, 159, 664-689.	0.7	33

#	ARTICLE	IF	CITATIONS
19	Density of states in spectral geometry. Commentarii Mathematici Helvetici, 1993, 68, 480-493.	0.4	22
20	Discrete Schrödinger operators on a graph. Nagoya Mathematical Journal, 1992, 125, 141-150.	0.6	27
21	On the spectrum of periodic elliptic operators. Nagoya Mathematical Journal, 1992, 126, 159-171.	0.6	29
22	Group C*-Algebras and the Spectrum of a Periodic Schrödinger Operator on a Manifold. Canadian Journal of Mathematics, 1992, 44, 180-193.	0.3	19
23	Homology, Wiener integrals, and integrated densities of states. Journal of Functional Analysis, 1992, 106, 50-58.	0.7	4
24	Closed orbits in homology classes. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 1990, 71, 5-32.	2.2	85
25	Dynamical L-functions and homology of closed orbits. Bulletin of the American Mathematical Society, 1989, 20, 73-78.	0.8	2
26	Periodic Schrödinger Operators on a Manifold. Forum Mathematicum, 1989, 1, .	0.3	26
27	Unitary representations of fundamental groups and the spectrum of twisted Laplacians. Topology, 1989, 28, 125-132.	0.4	27
28	Homology and Closed Geodesics in a Compact Riemann Surface. American Journal of Mathematics, 1988, 110, 145.	0.5	36
29	Fundamental groups and Laplacians. Lecture Notes in Mathematics, 1988, , 248-277.	0.1	77
30	Twisted Perron-Frobenius theorem and L-functions. Journal of Functional Analysis, 1987, 71, 1-46.	0.7	25
31	Homology of closed geodesics in a negatively curved manifold. Journal of Differential Geometry, 1987, 26, .	0.5	26
32	L-functions in geometry and some applications. Lecture Notes in Mathematics, 1986, , 266-284.	0.1	98
33	Homology of closed geodesics in certain Riemannian manifolds. Proceedings of the American Mathematical Society, 1986, 96, 657-660.	0.4	7
34	Gel'fand's problem on unitary representations associated with discrete subgroups of $SO_2(\mathbb{Z})$ . Bulletin of the American Mathematical Society, 1985, 12, 237-238.	0.8	4
35	Riemannian Coverings and Isospectral Manifolds. Annals of Mathematics, 1985, 121, 169.	2.1	386
36	Finiteness of the Family of Rational and Meromorphic Mappings Into Algebraic Varieties. American Journal of Mathematics, 1982, 104, 887.	0.5	20

#	ARTICLE	IF	CITATIONS
37	Trace formula for Hill's operators. <i>Duke Mathematical Journal</i> , 1980, 47, 529.	0.8	11
38	Rigidity of certain harmonic mappings. <i>Inventiones Mathematicae</i> , 1979, 51, 297-307.	1.3	20
39	Spectrum of a compact flat manifold. <i>Commentarii Mathematici Helvetici</i> , 1978, 53, 613-621.	0.4	14
40	Holomorphic equivalence problem for bounded Reinhardt domains. <i>Mathematische Annalen</i> , 1978, 235, 111-128.	0.7	59
41	Closed geodesics in a locally symmetric space. <i>Tohoku Mathematical Journal</i> , 1978, 30, .	0.4	5
42	Holomorphic mappings into a compact quotient of symmetric bounded domain. <i>Nagoya Mathematical Journal</i> , 1976, 64, 159-175.	0.6	19
43	Non-linear elliptic operators on a compact manifold and an implicit function theorem. <i>Nagoya Mathematical Journal</i> , 1975, 56, 175-200.	0.6	2
44	On bounded Reinhardt domains. <i>Proceedings of the Japan Academy Series A: Mathematical Sciences</i> , 1974, 50, .	0.3	5
45	The solution spaces of non-linear partial differential equations of elliptic type on compact manifolds. <i>Proceedings of the Japan Academy Series A: Mathematical Sciences</i> , 1973, 49, 385.	0.3	1
46	Topics on Mathematical Crystallography. , 0, , 475-519.		3