

# Masato Tsujii

## List of Publications by Year in descending order

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30  
papers

780  
citations

430874

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h-index

501196

28  
g-index

31  
all docs

31  
docs citations

31  
times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropic Hölder and Sobolev spaces for hyperbolic diffeomorphisms. <i>Annales De L'Institut Fourier</i> , 2007, 57, 127-154.	0.6	99
2	Positive Lyapunov exponents in families of one dimensional dynamical systems. <i>Inventiones Mathematicae</i> , 1993, 111, 113-137.	2.5	58
3	Fat solenoidal attractors. <i>Nonlinearity</i> , 2001, 14, 1011-1027.	1.4	52
4	Quasi-compactness of transfer operators for contact Anosov flows. <i>Nonlinearity</i> , 2010, 23, 1495-1545.	1.4	51
5	Absolutely continuous invariant measures for expanding piecewise linear maps. <i>Inventiones Mathematicae</i> , 2001, 143, 349-373.	2.5	46
6	Physical measures for partially hyperbolic surface endomorphisms. <i>Acta Mathematica</i> , 2005, 194, 37-132.	3.9	40
7	Absolutely Continuous Invariant Measures for Piecewise Real-Analytic Expanding Maps on the Plane. <i>Communications in Mathematical Physics</i> , 2000, 208, 605-622.	2.2	38
8	Band structure of the Ruelle spectrum of contact Anosov flows. <i>Comptes Rendus Mathematique</i> , 2013, 351, 385-391.	0.3	35
9	A simple proof for monotonicity of entropy in the quadratic family. <i>Ergodic Theory and Dynamical Systems</i> , 2000, 20, 925-933.	0.6	34
10	Decay of correlations in suspension semi-flows of angle-multiplying maps. <i>Ergodic Theory and Dynamical Systems</i> , 2008, 28, 291-317.	0.6	30
11	Contact Anosov flows and the Fourier-Bros-Iagolnitzer transform. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 32, 2083-2118.	0.6	28
12	On continuity of Bowen-Ruelle-Sinai measures in families of one dimensional maps. <i>Communications in Mathematical Physics</i> , 1996, 177, 1-11.	2.2	27
13	Weakly expanding skew-products of quadratic maps. <i>Ergodic Theory and Dynamical Systems</i> , 2003, 23, 1401-1414.	0.6	24
14	The semiclassical zeta function for geodesic flows on negatively curved manifolds. <i>Inventiones Mathematicae</i> , 2017, 208, 851-998.	2.5	24
15	Smoothness of solenoidal attractors. <i>Discrete and Continuous Dynamical Systems</i> , 2006, 15, 21-35.	0.9	23
16	Piecewise expanding maps on the plane with singular ergodic properties. <i>Ergodic Theory and Dynamical Systems</i> , 2000, 20, 1851-1857.	0.6	20
17	Zeta functions and dynamical systems. <i>Nonlinearity</i> , 2006, 19, 2467-2473.	1.4	19
18	A measure on the space of smooth mappings and dynamical system theory. <i>Journal of the Mathematical Society of Japan</i> , 1992, 44, 415.	0.4	14

#	ARTICLE	IF	CITATIONS
19	A Proof of Benedicks-Carleson-Jacobson Theorem. Tokyo Journal of Mathematics, 1993, 16, .	0.1	14
20	Dual-target gas-phase biosensor (bio-sniffer) for assessment of lipid metabolism from breath acetone and isopropanol. Sensors and Actuators B: Chemical, 2021, 329, 129260.	7.8	10
21	Regular Points for Ergodic Sinai Measures. Transactions of the American Mathematical Society, 1991, 328, 747.	0.9	9
22	Rotation number and one-parameter families of circle diffeomorphisms. Ergodic Theory and Dynamical Systems, 1992, 12, 359-363.	0.6	9
23	The partial captivity condition for $U(1)$ extensions of expanding maps on the circle. Nonlinearity, 2016, 29, 1917-1925.	1.4	9
24	Exponential mixing for generic volume-preserving Anosov flows in dimension three. Journal of the Mathematical Society of Japan, 2018, 70, .	0.4	8
25	On the Fourier transforms of self-similar measures. Dynamical Systems, 2015, 30, 468-484.	0.4	4
26	Semiclassical Approach for the Ruelle-Pollicott Spectrum of Hyperbolic Dynamics. Springer INdAM Series, 2014, , 65-135.	0.5	4
27	The error term in the prime orbit theorem for expanding semiflows. Ergodic Theory and Dynamical Systems, 2018, 38, 1954-2000.	0.6	3
28	Invariant densities for random continued fractions. Journal of Mathematical Analysis and Applications, 2022, 512, 126163.	1.0	3
29	Regular points for ergodic SinaĀ-measures. Transactions of the American Mathematical Society, 1991, 328, 747-766.	0.9	2
30	Geodesic flows on negatively curved manifolds and the semi-classical zeta function. Sugaku Expositions, 2018, 31, 69-92.	0.2	0