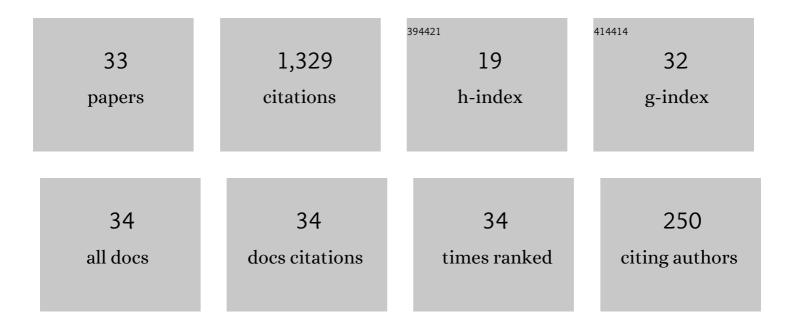
John Smillie

List of Publications by Year in descending order

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IOHN SMILLE

#	Article	IF	CITATIONS
1	Ergodicity of Billiard Flows and Quadratic Differentials. Annals of Mathematics, 1986, 124, 293.	4.2	213
2	Polynomial diffeomorphisms of C2: currents, equilibrium measure and hyperbolicity. Inventiones Mathematicae, 1991, 103, 69-99.	2.5	143
3	Polynomial diffeomorphisms ofC 2. IV: The measure of maximal entropy and laminar currents. Inventiones Mathematicae, 1993, 112, 77-125.	2.5	127
4	Hausdorff Dimension of Sets of Nonergodic Measured Foliations. Annals of Mathematics, 1991, 134, 455.	4.2	114
5	Polynomial diffeomorphisms ofC 2. Mathematische Annalen, 1992, 294, 395-420.	1.4	91
6	Polynomial diffeomorphisms of ?². II. Stable manifolds and recurrence. Journal of the American Mathematical Society, 1991, 4, 657-679.	3.9	59
7	Real polynomial diffeomorphisms with maximal entropy: Tangencies. Annals of Mathematics, 2004, 160, 1-26.	4.2	58
8	Quadratic differentials with prescribed singularities and pseudo-Anosov diffeomorphisms. Commentarii Mathematici Helvetici, 1993, 68, 289-307.	0.7	51
9	The Dynamics of Rayleigh Quotient Iteration. SIAM Journal on Numerical Analysis, 1989, 26, 624-636.	2.3	38
10	Characterizations of lattice surfaces. Inventiones Mathematicae, 2010, 180, 535-557.	2.5	37
11	Minimal sets for flows on moduli space. Israel Journal of Mathematics, 2004, 142, 249-260.	0.8	32
12	Polynomial Diffeomorphisms of C 2 : VI. Connectivity of J. Annals of Mathematics, 1998, 148, 695.	4.2	31
13	An obstruction to the existence of affine structures. Inventiones Mathematicae, 1981, 64, 411-415.	2.5	28
14	Polynomial diffeomorphisms of C2: VII. Hyperbolicity and external rays. Annales Scientifiques De L'Ecole Normale Superieure, 1999, 32, 455-497.	0.8	28
15	A generating function for the Euler characteristic of out(Fn). Journal of Pure and Applied Algebra, 1987, 44, 329-348.	0.6	27
16	Polynomial diffeomorphisms of C2: V. critical points and Lyapunov exponents. Journal of Geometric Analysis, 1998, 8, 349.	1.0	25
17	Real polynomial diffeomorphisms with maximal entropy: II. Small Jacobian. Ergodic Theory and Dynamical Systems, 2006, 26, 1259.	0.6	25
18	Flat manifolds with non-zero euler characteristics. Commentarii Mathematici Helvetici, 1977, 52, 453-455.	0.7	22

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#	Article	IF	CITATIONS
19	The entropy of polynomial diffeomorphisms of C2. Ergodic Theory and Dynamical Systems, 1990, 10, 823-827.	0.6	21
20	Polynomial Diffeomorphisms of C 2 . II: Stable Manifolds and Recurrence. Journal of the American Mathematical Society, 1991, 4, 657.	3.9	20
21	Polynomial diffeomorphisms of C 2. VIII: quasi-expansion. American Journal of Mathematics, 2002, 124, 221-271.	1.1	19
22	Beyond Sturmian sequences: coding linear trajectories in the regular octagon. Proceedings of the London Mathematical Society, 2011, 102, 291-340.	1.3	19
23	Rayleigh quotient iteration for nonsymmetric matrices. Mathematics of Computation, 1990, 55, 169-178.	2.1	18
24	Title is missing!. Indiana University Mathematics Journal, 1991, 40, 789.	0.9	18
25	Homotopy shadowing. American Journal of Mathematics, 2010, 132, 987-1029.	1.1	11
26	Automorphisms of graphs, p-subgroups of out(Fn) and the Euler characteristics of Out(Fn). Journal of Pure and Applied Algebra, 1987, 49, 187-200.	0.6	10
27	Semi-parabolic Bifurcations in Complex Dimension Two. Communications in Mathematical Physics, 2017, 350, 1-29.	2.2	10
28	Rayleigh quotient iteration fails for nonsymmetric matrices. Applied Mathematics Letters, 1989, 2, 19-20.	2.7	9
29	Veech's dichotomy and the lattice property. Ergodic Theory and Dynamical Systems, 2008, 28, 1959.	0.6	8
30	A symbolic characterization of the horseshoe locus in the Hénon family. Ergodic Theory and Dynamical Systems, 2017, 37, 1389-1412.	0.6	5
31	Smale diffeomorphisms and surface topology. Ergodic Theory and Dynamical Systems, 1985, 5, 519-529.	0.6	2
32	Trends and Developments in Complex Dynamics. Oberwolfach Reports, 2009, 5, 2703-2762.	0.0	0
33	Hyperbolicity and quasi-hyperbolicity in polynomial diffeomorphisms of \$C^2\$. Pure and Applied Mathematics Quarterly, 2022, 18, 5-32.	0.4	0