

# Michael Harris

## List of Publications by Year in descending order

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59  
papers

1,561  
citations

361413  
20  
h-index

345221  
36  
g-index

65  
all docs

65  
docs citations

65  
times ranked

269  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automorphy for some $\ell$ -adic lifts of automorphic mod $\ell$ Galois representations. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 2008, 108, 1-181.	4.3	213
2	A family of Calabi-Yau varieties and potential automorphy. Annals of Mathematics, 2010, 171, 779-813.	4.2	116
3	Theta dichotomy for unitary groups. Journal of the American Mathematical Society, 1996, 9, 941-1004.	3.9	110
4	The Central Critical Value of a Triple Product L-Function. Annals of Mathematics, 1991, 133, 605.	4.2	104
5	The Geometry and Cohomology of Some Simple Shimura Varieties. (AM-151). , 2002, , .		94
6	Construction of automorphic Galois representations, II. Cambridge Journal of Mathematics, 2013, 1, 53-73.	1.5	67
7	$\ell$ -adic representations associated to modular forms over imaginary quadratic fields. Inventiones Mathematicae, 1993, 112, 377-411.	2.5	46
8	Arithmetic vector bundles and automorphic forms on Shimura varieties. I. Inventiones Mathematicae, 1985, 82, 151-189.	2.5	45
9	Arithmetic automorphic forms for the nonholomorphic discrete series of $\mathrm{GSp}(2)$ . Duke Mathematical Journal, 1992, 66, 59.	1.5	44
10	Special values of zeta functions attached to Siegel modular forms. Annales Scientifiques De L'Ecole Normale Supérieure, 1981, 14, 77-120.	0.8	40
11	Eisenstein Series on Shimura Varieties. Annals of Mathematics, 1984, 119, 59.	4.2	39
12	Functorial Properties of Toroidal Compactifications of Locally Symmetric Varieties. Proceedings of the London Mathematical Society, 1989, s3-59, 1-22.	1.3	37
13	On the rigid cohomology of certain Shimura varieties. Research in Mathematical Sciences, 2016, 3, 1.	1.0	36
14	Special Values of Triple Product L-Functions. American Journal of Mathematics, 1993, 115, 161.	1.1	35
15	Supercuspidal representations in the cohomology of Drinfel'd upper half spaces; elaboration of Carayol's program. Inventiones Mathematicae, 1997, 129, 75-119.	2.5	31
16	Conditional Base Change for Unitary Groups. Asian Journal of Mathematics, 2004, 8, 653-684.	0.3	26
17	The local Langlands conjecture for $\mathrm{GL}(n)$ over a $p$ -adic field, $n < p$ . Inventiones Mathematicae, 1998, 134, 177-210.	2.5	25
18	Correction to $p$ -adic Representations Arising from Descent on Abelian Varieties. Compositio Mathematica, 2000, 121, 105-108.	0.8	24

#	ARTICLE	IF	CITATIONS
19	Coherent cohomology, limits of discrete series, and Galois conjugation. Duke Mathematical Journal, 1994, 73, 647.	1.5	23
20	The rationality of holomorphic Eisenstein series. Inventiones Mathematicae, 1981, 63, 305-310.	2.5	22
21	Potential Automorphy of Odd-Dimensional Symmetric Powers of Elliptic Curves and Applications. Progress in Mathematics, 2009, , 1-21.	0.3	21
22	Systematic growth of Mordell-Weil groups of abelian varieties in towers of number fields. Inventiones Mathematicae, 1979, 51, 123-141.	2.5	20
23	$\eta$ -functions of $2\tilde{A}-2$ unitary groups and factorization of periods of Hilbert modular forms. Journal of the American Mathematical Society, 1993, 6, 637-719.	3.9	20
24	Automorphic forms of $\tilde{A}_n$ -cohomology type as coherent cohomology classes. Journal of Differential Geometry, 1990, 32, .	1.1	20
25	Singular holomorphic representations and singular modular forms. Mathematische Annalen, 1982, 259, 227-244.	1.4	19
26	L-functions and periods of polarized regular motives.. Journal Fur Die Reine Und Angewandte Mathematik, 1997, 1997, 75-162.	0.9	18
27	Boundary cohomology of Shimura varieties. I. Coherent cohomology on toroidal compactifications. Annales Scientifiques De L'Ecole Normale Supérieure, 1994, 27, 249-344.	0.8	18
28	Beilinson–Bernstein Localization Over and Periods of Automorphic Forms. International Mathematics Research Notices, 2013, 2013, 2000-2053.	1.0	17
29	p-adic measures and square roots of special values of triple product L-functions. Mathematische Annalen, 2001, 320, 127-147.	1.4	16
30	Pharmacogenomic characterization of gemcitabine response – a framework for data integration to enable personalized medicine. Pharmacogenetics and Genomics, 2014, 24, 81-93.	1.5	14
31	Boundary cohomology of Shimura varieties. Inventiones Mathematicae, 1994, 116, 243-308.	2.5	13
32	WHITTAKER PERIODS, MOTIVIC PERIODS, AND SPECIAL VALUES OF TENSOR PRODUCT -FUNCTIONS. Journal of the Institute of Mathematics of Jussieu, 2016, 15, 711-769.	0.7	13
33	The Rallis inner product formula and p-adic L-functions. , 2005, , 225-256.		12
34	$\hat{G}$ -local systems on smooth projective curves are potentially automorphic. Acta Mathematica, 2019, 223, 1-111.	3.9	12
35	L-Functions of $2\tilde{A}-2$ Unitary Groups and Factorization of Periods of Hilbert Modular Forms. Journal of the American Mathematical Society, 1993, 6, 637.	3.9	11
36	L-functions and periods of adjoint motives. Algebra and Number Theory, 2013, 7, 117-155.	0.6	11

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37	A Simple Proof of Rationality of Siegel-Weil Eisenstein Series. , 2008, , 149-185.		10
38	A note on three lemmas of Shimura. Duke Mathematical Journal, 1979, 46, 871.	1.5	9
39	COHOMOLOGICAL AUTOMORPHIC FORMS ON UNITARY GROUPS, II: PERIOD RELATIONS AND VALUES OF L-FUNCTIONS. Lecture Notes Series, Institute for Mathematical Sciences, 2007, , 89-149.	0.2	9
40	Galois representations, automorphic forms, and the Sato-Tate Conjecture. Indian Journal of Pure and Applied Mathematics, 2014, 45, 707-746.	0.5	9
41	Local Langlands Correspondences and Vanishing Cycles on Shimura Varieties. , 2001, , 407-427.		8
42	The Taylorâ€Wiles method for coherent cohomology. Journal Fur Die Reine Und Angewandte Mathematik, 2013, 2013, 125-153.	0.9	8
43	-ADIC -FUNCTIONS FOR UNITARY GROUPS. Forum of Mathematics, Pi, 2020, 8, .	2.0	8
44	Maass operators and Eisenstein series. Mathematische Annalen, 1981, 258, 135-144.	1.4	7
45	Arithmetic applications of the Langlands program. Japanese Journal of Mathematics, 2010, 5, 1-71.	2.1	6
46	Derived Hecke Algebra for Weight One Forms. Experimental Mathematics, 2019, 28, 342-361.	0.7	6
47	The annihilators of p-adic induced modules. Journal of Algebra, 1980, 67, 68-71.	0.7	5
48	Non-vanishing of L-functions of $2\tilde{A}-2$ unitary groups. Forum Mathematicum, 1993, 5, .	0.7	5
49	Covariant differential operators. , 1983, , 16-34.		4
50	Chern classes of automorphic vector bundles. Pure and Applied Mathematics Quarterly, 2017, 13, 193-213.	0.4	4
51	P-adic measures for spherical representations of reductive P-adic groups. Duke Mathematical Journal, 1982, 49, 497.	1.5	3
52	Galois properties of cohomological automorphic forms on $GL(n)$ . Kyoto Journal of Mathematics, 1999, 39, 299.	0.3	2
53	Beilinsonâ€Bernstein Localization Over $\hat{\mathbb{Z}}$ and Periods of Automorphic Forms: Erratum. International Mathematics Research Notices, 2020, 2020, 957-960.	1.0	2
54	Period Relations and Special Values of Rankin-Selberg L-Functions. Progress in Mathematics, 2017, , 235-264.	0.3	2

#	ARTICLE	IF	CITATIONS
55	Weight zero Eisenstein cohomology of Shimura varieties via Berkovich spaces. Pacific Journal of Mathematics, 2014, 268, 275-281.	0.5	1
56	p-Adic and analytic properties of period integrals and values of L-functions. Annales Mathematiques Du Quebec, 2016, 40, 435-452.	0.2	1
57	Shimura Varieties for Unitary Groups and the Doubling Method. Simons Symposia, 2021, , 217-251.	0.3	1
58	Square root p-adic L-functions, I : Construction of a one-variable measure. Tunisian Journal of Mathematics, 2021, 3, 657-688.	0.6	1
59	A sometimes funny book supposedly about infinity: a review of Everything and More. Lettera Matematica, 2015, 3, 259-265.	0.1	0