

List of publications by Haruzo HIDA

May 1, 2025

1. On the values of Hecke's L -functions at non-positive integers, J. Math. Soc. Japan, **30** (1978), 249–278.
2. On abelian varieties with complex multiplication as factors of the abelian variety attached to Hilbert modular forms, Japan. J. Math. (new series) **5** (1979), 157–208 (Master Thesis).
3. On abelian varieties with complex multiplication as factors of the jacobians of Shimura curves, Amer. J. Math. **103** (1981), 727–776 (Doctoral Thesis).
4. Congruences of cusp forms and special values of their zeta functions, Inventiones Math. **63** (1981), 225–261.
5. On congruence divisors of cusp forms as factors of the special values of their zeta functions, Inventiones Math. **64** (1981), 221–262.
6. Kummer's criterion for the special values of Hecke L -functions of imaginary quadratic fields and congruences among cusp forms, Inventiones Math. **66** (1982), 415–459.
7. Transformation equations and the special values of Shimura's zeta functions, joint work with K. Doi and Y. Maeda, Hokkaido Math. J. **13** (1984), 347–361.
8. A p -adic measure attached to the zeta functions associated with two elliptic modular forms I, Inventiones Math. **79** (1985), 159–195.
9. Congruences of cusp forms and Hecke algebras, Sémin. de Théorie des Nombres, Paris 1983-84, Progress in Math. **59** (1985) 133–146.
10. Convolution de Rankin p -adique, Sémin. de Théorie des Nombres de Bordeaux, 1984-85 Exposé no.13.
11. Iwasawa modules attached to congruences of cusp forms, Ann. Scient. Ec. Norm. Sup. 4th series **19** (1986), 231–273.
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17. On p -adic Hecke algebras for GL_2 over totally real fields, Ann. of Math. **128** (1988), 295–384.
18. On nearly ordinary Hecke algebras for $GL(2)$ over totally real fields, Advanced Studies in Pure Math. **17** (1989), 139–169.
19. Nearly ordinary Hecke algebras and Galois representations of several variables, Proc. JAMI Inaugural Conference, Supplement to Amer. J. Math. (1989), 115–134.
20. Theory of p -adic Hecke algebras and Galois representations, Sugaku Expositions **2** (1989), 75–102.
21. Le produit de Petersson et de Rankin p -adique, Sémin. Théorie de Nombre de Paris, 1988-89, 87–102.
22. p -adic L -functions for base change lifts of GL_2 to GL_3 , in Proc. of Conference on “Automorphic forms, Shimura varieties, and L -functions”, Perspectives in Math. **11** (1990), 93–142.
23. Katz p -adic L -functions, congruence modules and deformation of Galois representations, joint work with J. Tilouine, Proc. LMS Symposium on “L-functions and arithmetic”, Durham, England, July 1989, LMS Lecture notes series **153** (1991), 271–293.

24. On p -adic L -functions of $GL(2) \times GL(2)$ over totally real fields, Ann. Inst. Fourier **41** (1991), 311–391.
25. Anti-cyclotomic Katz p -adic L -functions and congruence modules, joint work with J. Tilouine, Ann. Scient. Ec. Norm. Sup. **26** (1993), 189–259.
26. p -Ordinary cohomology groups for $SL(2)$ over number fields, Duke Math. J. **69** (1993), 259–314.
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29. On the critical values of L -functions of $GL(2)$ and $GL(2) \times GL(2)$, Duke Math. J. **74** (1994), 431–529.
30. p -Adic ordinary Hecke algebras for $GL(2)$, Ann. l'insitut Fourier **44** (1994), 1289–1322.
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33. Control theorems of p -nearly ordinary cohomology groups for $SL(n)$, Bull. Soc. Math. Fr. **123** (1995) 425–475.
34. On Selmer groups of adjoint modular Galois representations, Number Theory 1993–94, Lecture notes series of LMS **235** (1996), 89–132.
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Most of preprints/reprints (through links and/or pdf files) are available at www.math.ucla.edu/~hida.