Kiran S Kedlaya

List of Publications by Year
in descending order

36 papers	601 citations	687363 13 h-index	677142 22 g-index
39 all docs	39 docs citations	39 times ranked	136 citing authors

#	Article	IF	Citations
1	The algebraic closure of the power series field in positive characteristic. Proceedings of the American Mathematical Society, 2001, 129, 3461-3470.	0.8	55
2	Sato–Tate distributions and Galois endomorphism modules in genus 2. Compositio Mathematica, 2012, 148, 1390-1442.	0.8	55
3	Semistable reduction for overconvergent F-isocrystals I: Unipotence and logarithmic extensions. Compositio Mathematica, 2007, 143, 1164-1212.	0.8	47
4	Good formal structures for flat meromorphic connections, I: Surfaces. Duke Mathematical Journal, 2010, 154, .	1.5	42
5	Finiteness of rigid cohomology with coefficients. Duke Mathematical Journal, 2006, 134, 15.	1.5	33
6	Fourier transforms and p-adic 'Weil II'. Compositio Mathematica, 2006, 142, 1426-1450.	0.8	27
7	Semistable reduction for overconvergent F-isocrystals, IV: local semistable reduction at nonmonomial valuations. Compositio Mathematica, 2011, 147, 467-523.	0.8	26
8	Semistable reduction for overconvergent F-isocrystals, II: A valuation-theoretic approach. Compositio Mathematica, 2008, 144, 657-672.	0.8	21
9	Semistable reduction for overconvergent F-isocrystals, III: Local semistable reduction at monomial valuations. Compositio Mathematica, 2009, 145, 143-172.	0.8	19
10	LOCAL MONODROMY OF p-ADIC DIFFERENTIAL EQUATIONS: AN OVERVIEW. International Journal of Number Theory, 2005, 01, 109-154.	0.5	18
11	Quantum computation of zeta functions of curves. Computational Complexity, 2006, 15, 1-19.	0.3	16
12	Differential modules on p-adic polyannuli. Journal of the Institute of Mathematics of Jussieu, 2010, 9, 155-201.	0.7	15
13	Finite automata and algebraic extensions of function fields. Journal De Theorie Des Nombres De Bordeaux, 2006, 18, 379-420.	0.1	15
14	Nonarchimedean geometry of Witt vectors. Nagoya Mathematical Journal, 2013, 209, 111-165.	0.8	13
15	Swan conductors for <i>p</i>-adic differential modules. II Global variation. Journal of the Institute of Mathematics of Jussieu, 2011, 10, 191-224.	0.7	12
16	On the algebraicity of generalized power series. Beitrage Zur Algebra Und Geometrie, 2017, 58, 499-527.	0.5	12
17	The probability that a complete intersection is smooth. Journal De Theorie Des Nombres De Bordeaux, 2012, 24, 541-556.	0.1	12
18	On the Witt vector Frobenius. Proceedings of the American Mathematical Society, 2014, 142, 2211-2226.	0.8	11

#	Article	IF	Citations
19	Power Series and p-Adic Algebraic Closures. Journal of Number Theory, 2001, 89, 324-339.	0.4	8
20	Local and global structure of connections on nonarchimedean curves. Compositio Mathematica, 2015, 151, 1096-1156.	0.8	8
21	Noetherian Properties of Fargues-Fontaine Curves. International Mathematics Research Notices, 2016, 2016, 2544-2567.	1.0	8
22	Slopes of indecomposable F-isocrystals. Pure and Applied Mathematics Quarterly, 2017, 13, 131-192.	0.4	8
23	Differential Modules on p-Adic Polyannuliâ€"Erratum. Journal of the Institute of Mathematics of Jussieu, 2010, 9, 669-671.	0.7	7
24	New methods for $$(varphi, Gamma)$$ (Ï† , Î“) -modules. Research in Mathematical Sciences, 2015, 2, 1.	1.0	7
25	Reified valuations and adic spectra. Research in Number Theory, 2015, 1, 1.	0.4	5
26	A heuristic for the distribution of point counts for random curves over a finite field. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140310.	3.4	5
27	Orbits of automorphism groups of fields. Journal of Algebra, 2005, 293, 167-184.	0.7	4
28	Endomorphisms of power series fields and residue fields of Fargues-Fontaine curves. Proceedings of the American Mathematical Society, 2018, 146, 489-495.	0.8	4
29	On the Geometry ofp-Typical Covers in Characteristicp. Canadian Journal of Mathematics, 2008, 60, 140-163.	0.6	3
30	Almost purity and overconvergent Witt vectors. Journal of Algebra, 2015, 422, 373-412.	0.7	3
31	Endomorphism fields of abelian varieties. Research in Number Theory, 2017, 3, 1.	0.4	3
32	A census of zeta functions of quartic K surfaces over. LMS Journal of Computation and Mathematics, 2016, 19, 1-11.	0.9	2
33	Bhargavaâ€™s Early Work: The Genesis of P-Orderings. American Mathematical Monthly, 2017, 124, 773.	0.3	2
34	Every positive integer is the order of an ordinary abelian variety over $${{mathbb {F}}}_2$$. Research in Number Theory, 2021, 7, 1.	0.4	2
35	The Hochschild-Serre property for some p-adic analytic group actions. Annales Mathematiques Du Quebec, 2016, 40, 149-157.	0.2	0
36	Automorphisms of perfect power series rings. Journal of Algebra, 2018, 511, 358-363.	0.7	0