

Jennifer S Balakrishnan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quadratic Chabauty and rational points, I: p -adic heights. Duke Mathematical Journal, 2018, 167, .	1.5	26
2	Explicit Coleman Integration for Hyperelliptic Curves. Lecture Notes in Computer Science, 2010, , 16-31.	1.3	20
3	Quadratic Chabauty: p -adic heights and integral points on hyperelliptic curves. Journal Fur Die Reine Und Angewandte Mathematik, 2016, 2016, 51-79.	0.9	19
4	A non-abelian conjecture of Tate-Shafarevich type for hyperbolic curves. Mathematische Annalen, 2018, 372, 369-428.	1.4	18
5	Appendix and erratum to "Massey products for elliptic curves of rank 1", Journal of the American Mathematical Society, 2011, 24, 281-291.	3.9	12
6	Computing integral points on hyperelliptic curves using quadratic Chabauty. Mathematics of Computation, 2016, 86, 1403-1434.	2.1	12
7	Quadratic Chabauty and Rational Points II: Generalised Height Functions on Selmer Varieties. International Mathematics Research Notices, 2020, , .	1.0	11
8	Coleman's Gross height pairings and the p -adic sigma function. Journal Fur Die Reine Und Angewandte Mathematik, 2015, 2015, 89-104.	0.9	10
9	Explicit quadratic Chabauty over number fields. Israel Journal of Mathematics, 2021, 243, 185-232.	0.8	10
10	An effective Chabauty-Kim theorem. Compositio Mathematica, 2019, 155, 1057-1075.	0.8	9
11	Coleman integration for even-degree models of hyperelliptic curves. LMS Journal of Computation and Mathematics, 2015, 18, 258-265.	0.9	8
12	A p -adic analogue of the conjecture of Birch and Swinnerton-Dyer for modular abelian varieties. Mathematics of Computation, 2015, 85, 983-1016.	2.1	6
13	Even Values of Ramanujan's Tau-Function. La Matematica, 2022, 1, 395-403.	0.7	3