

Jennifer S Balakrishnan

List of Publications by Year in descending order

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