

# Robert L Benedetto

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7547793/publications.pdf>

Version: 2024-02-01

31  
papers

642  
citations

623734

14  
h-index

580821

25  
g-index

32  
all docs

32  
docs citations

32  
times ranked

153  
citing authors

#	ARTICLE	IF	CITATIONS
1	J-stability in non-archimedean dynamics. <i>Advances in Mathematics</i> , 2022, 397, 108204.	1.1	0
2	The arithmetic basilica: A quadratic PCF arboreal Galois group. <i>Journal of Number Theory</i> , 2021, , .	0.4	0
3	Frames of Translates for Number-Theoretic Groups. <i>Journal of Geometric Analysis</i> , 2020, 30, 4126-4149.	1.0	2
4	Current trends and open problems in arithmetic dynamics. <i>Bulletin of the American Mathematical Society</i> , 2019, 56, 611-685.	1.5	16
5	Odoni's conjecture for number fields. <i>Bulletin of the London Mathematical Society</i> , 2019, 51, 237-250.	0.8	10
6	Non-archimedean connected Julia sets with branching. <i>Ergodic Theory and Dynamical Systems</i> , 2017, 37, 59-78.	0.6	0
7	A large arboreal Galois representation for a cubic postcritically finite polynomial. <i>Research in Number Theory</i> , 2017, 3, 1.	0.4	10
8	Attracting cycles in p-adic dynamics and height bounds for postcritically finite maps. <i>Duke Mathematical Journal</i> , 2014, 163, .	1.5	19
9	Small Dynamical Heights for Quadratic Polynomials and Rational Functions. <i>Experimental Mathematics</i> , 2014, 23, 433-447.	0.7	3
10	A criterion for potentially good reduction in nonarchimedean dynamics. <i>Acta Arithmetica</i> , 2014, 165, 251-256.	0.4	5
11	Periods of rational maps modulo primes. <i>Mathematische Annalen</i> , 2013, 355, 637-660.	1.4	31
12	Optimal Ambiguity Functions and Weil's Exponential Sum Bound. <i>Journal of Fourier Analysis and Applications</i> , 2012, 18, 471-487.	1.0	16
13	A case of the dynamical Mordell-Lang conjecture. <i>Mathematische Annalen</i> , 2012, 352, 1-26.	1.4	32
14	The Construction of Wavelet Sets. <i>Applied and Numerical Harmonic Analysis</i> , 2011, , 17-56.	0.3	8
15	A gap principle for dynamics. <i>Compositio Mathematica</i> , 2010, 146, 1056-1072.	0.8	14
16	Computing points of small height for cubic polynomials. <i>Involve</i> , 2009, 2, 37-64.	0.2	5
17	An Ahlfors Islands Theorem for non-archimedean meromorphic functions. <i>Transactions of the American Mathematical Society</i> , 2008, 360, 4099-4124.	0.9	2
18	Preperiodic points of polynomials over global fields. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2007, 2007, .	0.9	12

#	ARTICLE	IF	CITATIONS
19	Dynamique des polynômes quadratiques sur les corps locaux. Journal De Theorie Des Nombres De Bordeaux, 2007, 19, 325-336.	0.1	4
20	WANDERING DOMAINS IN NON-ARCHIMEDEAN POLYNOMIAL DYNAMICS. Bulletin of the London Mathematical Society, 2006, 38, 937-950.	0.8	10
21	Heights and preperiodic points of polynomials over function fields. International Mathematics Research Notices, 2005, 2005, 3855.	1.0	31
22	Wandering domains and nontrivial reduction in non-Archimedean dynamics. Illinois Journal of Mathematics, 2005, 49, .	0.1	7
23	A wavelet theory for local fields and related groups. Journal of Geometric Analysis, 2004, 14, 423-456.	1.0	135
24	Non-Archimedean holomorphic maps and the Ahlfors islands theorem. American Journal of Mathematics, 2003, 125, 581-622.	1.1	18
25	Components and Periodic Points in Non-Archimedean Dynamics. Proceedings of the London Mathematical Society, 2002, 84, 231-256.	1.3	30
26	Examples of wandering domains in p-adic polynomial dynamics. Comptes Rendus Mathematique, 2002, 335, 615-620.	0.3	19
27	Hyperbolic maps in p-adic dynamics. Ergodic Theory and Dynamical Systems, 2001, 21, 1-11.	0.6	64
28	Reduction, Dynamics, and Julia Sets of Rational Functions. Journal of Number Theory, 2001, 86, 175-195.	0.4	38
29	An Elementary Product Identity in Polynomial Dynamics. American Mathematical Monthly, 2001, 108, 860.	0.3	2
30	p-Adic Dynamics and Sullivan's No Wandering Domains Theorem. Compositio Mathematica, 2000, 122, 281-298.	0.8	34
31	The Topology of the Relative Character Varieties of a Quadruply-Punctured Sphere. Experimental Mathematics, 1999, 8, 85-103.	0.7	22