Sanju L Velani

List of Publications by Year
in descending order

43 papers	975 citations	430874 18 h-index	454955 30 g-index
43 all docs	43 docs citations	43 times ranked	139 citing authors

#	Article	IF	Citations
1	Dirichlet is not just bad and singular. Advances in Mathematics, 2022, 401, 108316.	1.1	7
2	Inhomogeneous Dual Diophantine Approximation on Affine Subspaces. International Mathematics Research Notices, 2020, 2020, 3582-3613.	1.0	4
3	Number Theory Meets Wireless Communications: An Introduction for Dummies Like Us. Mathematical Engineering, 2020, , 1-67.	0.2	1
4	Marstrand's Theorem revisited: Projecting sets of dimension zero. Journal of Mathematical Analysis and Applications, 2019, 472, 1820-1845.	1.0	0
5	Diophantine approximation in Kleinian groups: singular, extremal, and bad limit points. Journal of the London Mathematical Society, 2018, 98, 306-328.	1.0	6
6	Badly approximable points on planar curves and winning. Advances in Mathematics, 2018, 324, 148-202.	1.1	8
7	Arbeitsgemeinschaft: Diophantine Approximation, Fractal Geometry and Dynamics. Oberwolfach Reports, 2017, 13, 2749-2792.	0.0	1
8	DIOPHANTINE APPROXIMATION ON MANIFOLDS AND LOWER BOUNDS FOR HAUSDORFF DIMENSION. Mathematika, 2017, 63, 762-779.	0.5	7
9	Badly approximable points on planar curves and a problem of Davenport. Mathematische Annalen, 2014, 359, 969-1023.	1.4	18
10	The Duffin–Schaeffer conjecture with extra divergence II. Mathematische Zeitschrift, 2013, 275, 127-133.	0.9	12
11	Inhomogeneous theory of dual Diophantine approximation on manifolds. Advances in Mathematics, 2013, 232, 1-35.	1.1	20
12	Multiplicative zero-one laws and metric number theory. Acta Arithmetica, 2013, 160, 101-114.	0.4	9
13	The Duffin–Schaeffer Conjecture with extra divergence. Mathematische Annalen, 2012, 353, 259-273.	1.4	17
14	Simultaneous inhomogeneous diophantine approximation on manifolds. Journal of Mathematical Sciences, 2012, 180, 531-541.	0.4	1
15	THE MIXED SCHMIDT CONJECTURE IN THE THEORY OF DIOPHANTINE APPROXIMATION. Mathematika, 2011, 57, 239-245.	0.5	0
16	Multiplicatively badly approximable numbers and generalised Cantor sets. Advances in Mathematics, 2011, 228, 2766-2796.	1.1	24
17	Inhomogeneous Diophantine approximation on planar curves. Mathematische Annalen, 2011, 349, 929-942.	1.4	18
18	METRIC CONSIDERATIONS CONCERNING THE MIXED LITTLEWOOD CONJECTURE. International Journal of Number Theory, 2011, 07, 593-609.	0.5	8

#	Article	IF	Citations
19	On a problem in simultaneous Diophantine approximation: Schmidt's conjecture. Annals of Mathematics, 2011, 174, 1837-1883.	4.2	33
20	ON SHRINKING TARGETS FOR ℤ^m ACTIONS ON TORI. Mathematika, 2010, 56, 193-202.	0.5	21
21	An inhomogeneous transference principle and Diophantine approximation. Proceedings of the London Mathematical Society, 2010, 101, 821-851.	1.3	21
22	A note on zero-one laws in metrical Diophantine approximation. Acta Arithmetica, 2008, 133, 363-374.	0.4	20
23	A note on simultaneous Diophantine approximation on planar curves. Mathematische Annalen, 2007, 337, 769-796.	1.4	25
24	On a problem of K. Mahler: Diophantine approximation and Cantor sets. Mathematische Annalen, 2007, 338, 97-118.	1.4	43
25	Diophantine approximation on planar curves and the distribution of rational points (with an Appendix) Tj ETQq1 1 0.784314 rgBT /Over	4.2	65
26	Diophantine approximation and badly approximable sets. Advances in Mathematics, 2006, 203, 132-169.	1.1	48
27	Diophantine approximation on planar curves: the convergence theory. Inventiones Mathematicae, 2006, 166, 103-124.	2.5	53
28	Measure theoretic laws for lim sup sets. Memoirs of the American Mathematical Society, 2006, 179, 0-0.	0.9	34
29	A Mass Transference Principle and the Duffin–Schaeffer conjecture for Hausdorff measures. Annals of Mathematics, 2006, 164, 971-992.	4.2	124
30	Metric Diophantine approximation and 'absolutely friendly' measures. Selecta Mathematica, New Series, 2005, 11, 297-307.	1.0	26
31	On Simultaneously Badly Approximable Numbers. Journal of the London Mathematical Society, 2002, 66, 29-40.	1.0	26
32	A zero–infinity law for well-approximable points in Julia sets. Ergodic Theory and Dynamical Systems, 2002, 22, .	0.6	7
33	Sets of exact 'logarithmic' order in the theory of Diophantine approximation. Mathematische Annalen, 2001, 321, 253-273.	1.4	29
34	On a problem in simultaneous diophantine approximation: Littlewood's conjecture. Acta Mathematica, 2000, 185, 287-306.	3.9	31
35	The Shrinking Target Problem for Matrix Transformations of Tori. Journal of the London Mathematical Society, 1999, 60, 381-398.	1.0	21
36	The Jarník-Besicovitch Theorem for Geometrically Finite Kleinian Groups. Proceedings of the London Mathematical Society, 1998, 77, 524-550.	1.3	27

#	Article	IF	Citations
37	Metric diophantine approximation in Julia sets of expanding rational maps. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 1997, 85, 193-216.	4.3	24
38	Geometrically finite groups, Khintchine-type theorems and Hausdorff dimension. Mathematical Proceedings of the Cambridge Philosophical Society, 1996, 120, 647-662.	0.4	10
39	The ergodic theory of shrinking targets. Inventiones Mathematicae, 1995, 119, 175-198.	2.5	88
40	Diophantine approximation and Hausdorff dimension in Fuchsian groups. Mathematical Proceedings of the Cambridge Philosophical Society, 1993, 113, 343-354.	0.4	14
41	Diophantine Approximation on Manifolds and the Distribution of Rational Points: Contributions to the Convergence Theory. International Mathematics Research Notices, 0, , rnv389.	1.0	2
42	Metric Diophantine Approximation: Aspects of Recent Work. , 0, , 1-95.		20
43	Inhomogeneous Diophantine Approximation on M0-Sets with Restricted Denominators. International Mathematics Research Notices, 0, , .	1.0	2