

# Mariusz Lemanczyk

## List of Publications by Year in descending order

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57  
papers

621  
citations

687363

13  
h-index

713466

21  
g-index

59  
all docs

59  
docs citations

59  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Chowla and the Sarnak conjectures from ergodic theory point of view. <i>Discrete and Continuous Dynamical Systems</i> , 2017, 37, 2899-2944.	0.9	41
2	On spectral disjointness of powers for rank-one transformations and Möbius orthogonality. <i>Journal of Functional Analysis</i> , 2014, 266, 284-317.	1.4	38
3	A Dynamical Point of View on the Set of $\hat{\alpha}, \tau$ -Free Integers. <i>International Mathematics Research Notices</i> , 2015, 2015, 7258-7286.	1.0	38
4	Sarnak's Conjecture: What's New. <i>Lecture Notes in Mathematics</i> , 2018, , 163-235.	0.2	28
5	On invariant measures for $\hat{\alpha}, \tau$ -free systems. <i>Proceedings of the London Mathematical Society</i> , 2015, 110, 1435-1474.	1.3	27
6	0-1 sequences of the Thue-Morse type and Sarnak's conjecture. <i>Proceedings of the American Mathematical Society</i> , 2015, 144, 161-176.	0.8	25
7	$\hat{\alpha}, \tau$ -free sets and dynamics. <i>Transactions of the American Mathematical Society</i> , 2018, 370, 5425-5489.	0.9	25
8	Ergodic transformations conjugate to their inverses by involutions. <i>Ergodic Theory and Dynamical Systems</i> , 1996, 16, 97-124.	0.6	23
9	Rokhlin extensions and lifting disjointness. <i>Ergodic Theory and Dynamical Systems</i> , 2003, 23, 1525-1550.	0.6	21
10	Dynamics of $\mathcal{B}$ -Free Sets: A View Through the Window. <i>International Mathematics Research Notices</i> , 2019, 2019, 2690-2734.	1.0	21
11	On disjointness properties of some smooth flows. <i>Fundamenta Mathematicae</i> , 2005, 185, 117-142.	0.5	19
12	Generic Spectral Properties of Measure-Preserving Maps and Applications. <i>Proceedings of the American Mathematical Society</i> , 1992, 115, 725.	0.8	18
13	Koksma's Inequality and Group Extensions of Kronecker Transformations. , 1995, , 27-50.		17
14	Ergodicity of Rokhlin cocycles. <i>Journal D'Analyse Mathématique</i> , 2001, 85, 43-86.	0.8	15
15	A class of multipliers for $\mathcal{W}^{\text{ot}}$ . <i>Israel Journal of Mathematics</i> , 2005, 148, 137-168.	0.8	13
16	On disjointness properties of some parabolic flows. <i>Inventiones Mathematicae</i> , 2020, 221, 1-111.	2.5	12
17	Semisimple extensions of irrational rotations. <i>Studia Mathematica</i> , 2003, 156, 31-57.	0.7	12
18	Ergodicity of a Class of Cocycles Over Irrational Rotations. <i>Journal of the London Mathematical Society</i> , 1994, 49, 124-132.	1.0	11

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19	Non-reversibility and self-joinings of higher orders for ergodic flows. <i>Journal D'Analyse Mathematique</i> , 2014, 122, 163-227.	0.8	11
20	K-property for Maharam extensions of non-singular Bernoulli and Markov shifts. <i>Ergodic Theory and Dynamical Systems</i> , 2019, 39, 3292-3321.	0.6	11
21	<i>Spectral Theory of Dynamical Systems.</i> , 2009, , 8554-8575.		11
22	Topological Ergodicity of Real Cocycles over Minimal Rotations. <i>Monatshefte Fur Mathematik</i> , 2002, 134, 227-246.	0.9	10
23	Spectral multiplicities for ergodic flows. <i>Discrete and Continuous Dynamical Systems</i> , 2013, 33, 4271-4289.	0.9	10
24	Möbius disjointness for models of an ergodic system and beyond. <i>Israel Journal of Mathematics</i> , 2018, 228, 707-751.	0.8	10
25	Compact subgroups in the centralizer of natural factors of an ergodic group extension of a rotation determine all factors. <i>Ergodic Theory and Dynamical Systems</i> , 1990, 10, 763-776.	0.6	9
26	Joining primeness and disjointness from infinitely divisible systems. <i>Proceedings of the American Mathematical Society</i> , 2011, 139, 185-185.	0.8	9
27	Ratner's property and mild mixing for special flows over two-dimensional rotations. <i>Journal of Modern Dynamics</i> , 2010, 4, 609-635.	0.5	9
28	A cut salad of cocycles. <i>Fundamenta Mathematicae</i> , 1998, 157, 99-119.	0.5	9
29	IP-rigidity and eigenvalue groups. <i>Ergodic Theory and Dynamical Systems</i> , 2014, 34, 1057-1076.	0.6	8
30	A class of not local rank one automorphisms arising from continuous substitutions. <i>Probability Theory and Related Fields</i> , 1987, 76, 421-428.	1.8	7
31	Spectral analysis of certain compact factors for Gaussian dynamical systems. <i>Israel Journal of Mathematics</i> , 1997, 98, 307-328.	0.8	7
32	On analytic flows on the torus which are disjoint from systems of probabilistic origin. <i>Fundamenta Mathematicae</i> , 2007, 195, 97-124.	0.5	7
33	Lifting mixing properties by Rokhlin cocycles. <i>Ergodic Theory and Dynamical Systems</i> , 2012, 32, 763-784.	0.6	6
34	Ergodic cocycles of IDPFT systems and non-singular Gaussian actions. <i>Ergodic Theory and Dynamical Systems</i> , 2022, 42, 1624-1654.	0.6	6
35	Approximate orthogonality of powers for ergodic affine unipotent diffeomorphisms on nilmanifolds. <i>Studia Mathematica</i> , 2019, 244, 43-97.	0.7	6
36	On the weak isomorphism of strictly ergodic homeomorphisms. <i>Monatshefte Fur Mathematik</i> , 1989, 108, 39-46.	0.9	5

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37	Coalescence of circle extensions of measure-preserving transformations. Ergodic Theory and Dynamical Systems, 1992, 12, 769-789.	0.6	5
38	Automorphisms with Quasi-discrete Spectrum, Multiplicative Functions and Average Orthogonality Along Short Intervals. International Mathematics Research Notices, 2016, , rnw146.	1.0	5
39	Sarnak's Conjecture Implies the Chowla Conjecture Along a Subsequence. Lecture Notes in Mathematics, 2018, , 237-247.	0.2	5
40	Sarnak's Conjecture from the Ergodic Theory Point of View. , 2020, , 1-19.		5
41	Random ergodic theorems and real cocycles. Israel Journal of Mathematics, 2002, 130, 285-321.	0.8	4
42	On the self-similarity problem for Gaussian-Kronecker flows. Proceedings of the American Mathematical Society, 2013, 141, 4275-4291.	0.8	4
43	Spectral Theory of Dynamical Systems. , 2012, , 1618-1638.		4
44	Entropy of Gaussian actions for countable Abelian groups. Fundamenta Mathematicae, 1998, 157, 277-286.	0.5	4
45	Spectral Theory of Dynamical Systems. , 2020, , 1-40.		4
46	Odometer actions of the Heisenberg group. Journal D'Analyse Mathematique, 2016, 128, 107-157.	0.8	3
47	Flows with Ratner's property have discrete essential centralizer. Studia Mathematica, 2017, 237, 185-194.	0.7	3
48	The rank of regular morse dynamical systems. Probability Theory and Related Fields, 1985, 70, 33-48.	1.8	2
49	Möbius disjointness along ergodic sequences for uniquely ergodic actions. Ergodic Theory and Dynamical Systems, 2019, 39, 2793-2826.	0.6	2
50	A Structure Theorem for Level Sets of Multiplicative Functions and Applications. International Mathematics Research Notices, 2020, 2020, 1300-1345.	1.0	2
51	On Furstenberg systems of aperiodic multiplicative functions of Matomáki, Radziwiłł, and Tao. Journal of Modern Dynamics, 2021, 17, 529.	0.5	2
52	Relatively finite measure-preserving extensions and lifting multipliers by Rokhlin cocycles. Journal of Fixed Point Theory and Applications, 2009, 6, 115-131.	1.1	1
53	Centralizer and liftable centralizer of special flows over rotations. Nonlinearity, 2018, 31, 3939-3972.	1.4	1
54	Prime number theorem for regular Toeplitz subshifts. Ergodic Theory and Dynamical Systems, 0, , 1-28.	0.6	1

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55	A generalization of KÅıtai's orthogonality criterion with applications. Discrete and Continuous Dynamical Systems, 2019, 39, 2581-2612.	0.9	1
56	A class of mixing special flows over two-dimensional rotations. Discrete and Continuous Dynamical Systems, 2015, 35, 4823-4829.	0.9	0
57	Ergodicity, mixing, Ratner's properties and disjointness for classical flows: On the research of Corinna Ulcigrai. Journal of Modern Dynamics, 2022, 18, 103.	0.5	0