

# Ferenc Weisz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6112009/publications.pdf>

Version: 2024-02-01

141  
papers

1,909  
citations

393982

19  
h-index

344852

36  
g-index

145  
all docs

145  
docs citations

145  
times ranked

182  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real interpolation of martingale Orlicz Hardy spaces and BMO spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 505, 125565.	0.5	6
2	Cesàro summability and Lebesgue points of higher dimensional Fourier series. <i>Mathematical Foundations of Computing</i> , 2022, 5, 241.	0.7	2
3	An Analogy of the Carleson–Hunt Theorem with Respect to Vilenkin Systems. <i>Journal of Fourier Analysis and Applications</i> , 2022, 28, 1.	0.5	14
4	Dual spaces for martingale Musielak–Orlicz Lorentz Hardy spaces. <i>Bulletin Des Sciences Mathématiques</i> , 2022, 179, 103154.	0.5	5
5	Mixed Martingale Hardy Spaces. <i>Journal of Geometric Analysis</i> , 2021, 31, 3863-3888.	0.5	7
6	One-Dimensional Fourier Series. , 2021, , 1-31.		1
7	Dual spaces of mixed-norm martingale Hardy spaces. <i>Communications on Pure and Applied Analysis</i> , 2021, 20, 681-695.	0.4	2
8	Martingale Musielak–Orlicz Lorentz Hardy Spaces with Applications to Dyadic Fourier Analysis. <i>Journal of Geometric Analysis</i> , 2021, 31, 11002-11050.	0.5	18
9	Characterizations of Variable Martingale Hardy Spaces Via Maximal Functions. <i>Fractional Calculus and Applied Analysis</i> , 2021, 24, 393-420.	1.2	11
10	Lebesgue points of $\ell_1$ -Cesàro summability of d-dimensional Fourier series. <i>Advances in Operator Theory</i> , 2021, 6, 1.	0.3	2
11	Dual spaces for variable martingale Lorentz Hardy spaces. <i>Banach Journal of Mathematical Analysis</i> , 2021, 15, 1.	0.4	8
12	Lebesgue points and Cesàro summability of higher dimensional Fourier series over a cone. <i>Acta Scientiarum Mathematicarum</i> , 2021, 87, 505-515.	0.2	1
13	Summability of Fourier series in periodic Hardy spaces with variable exponent. <i>Acta Mathematica Hungarica</i> , 2020, 162, 557-583.	0.3	3
14	Applications of mixed martingale Hardy spaces in Fourier analysis. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 492, 124403.	0.5	1
15	Boundedness of dyadic maximal operators on variable Lebesgue spaces. <i>Advances in Operator Theory</i> , 2020, 5, 1588-1598.	0.3	4
16	Real interpolation for variable martingale Hardy spaces. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 491, 124267.	0.5	7
17	Cesàro and Riesz summability with varying parameters of multi-dimensional Walsh Fourier series. <i>Acta Mathematica Hungarica</i> , 2020, 161, 292-312.	0.3	5
18	Doob's and Burkholder-Davis-Gundy inequalities with variable exponent. <i>Proceedings of the American Mathematical Society</i> , 2020, 149, 875-888.	0.4	10

#	ARTICLE	IF	CITATIONS
19	Boundedness of Cesàro and Riesz means in variable dyadic Hardy spaces. <i>Banach Journal of Mathematical Analysis</i> , 2019, 13, 675-696.	0.4	4
20	New martingale inequalities and applications to Fourier analysis. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2019, 182, 143-192.	0.6	29
21	$\ell_1$ -summability and Lebesgue points of $d$ -dimensional Fourier transforms. <i>Advances in Operator Theory</i> , 2019, 4, 284-304.	0.3	1
22	Littlewood–Paley and Finite Atomic Characterizations of Anisotropic Variable Hardy–Lorentz Spaces and Their Applications. <i>Journal of Fourier Analysis and Applications</i> , 2019, 25, 874-922.	0.5	25
23	Variable Anisotropic Hardy Spaces and Their Applications. <i>Taiwanese Journal of Mathematics</i> , 2018, 22, .	0.2	29
24	Variable Hardy and Hardy-Lorentz spaces and applications in Fourier analysis. <i>Studia Universitatis Babes-Bolyai Mathematica</i> , 2018, 63, 381-393.	0.1	1
25	Walsh-Lebesgue points and restricted convergence of multi-dimensional Walsh-Fourier series. <i>Studia Scientiarum Mathematicarum Hungarica</i> , 2017, 54, 97-118.	0.1	0
26	Triangular summability and Lebesgue points of $2^d$ -dimensional Fourier transforms. <i>Banach Journal of Mathematical Analysis</i> , 2017, 11, 223-238.	0.4	6
27	Marcinkiewicz summability of Fourier series, Lebesgue points and strong summability. <i>Acta Mathematica Hungarica</i> , 2017, 153, 356-381.	0.3	2
28	Lebesgue points and restricted convergence of Fourier transforms and Fourier series. <i>Analysis and Applications</i> , 2017, 15, 107-121.	1.2	9
29	Convergence of multi-dimensional integral operators and applications. <i>Periodica Mathematica Hungarica</i> , 2017, 74, 40-66.	0.5	8
30	One-Dimensional Hardy Spaces. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 3-70.	0.1	0
31	One-Dimensional Fourier Transforms. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 71-133.	0.1	0
32	Multi-Dimensional Hardy Spaces. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 137-202.	0.1	0
33	Multi-Dimensional Fourier Transforms. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 203-227.	0.1	0
34	$\hat{\sigma}_q$ -Summability of Multi-Dimensional Fourier Transforms. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 229-382.	0.1	0
35	Rectangular Summability of Multi-Dimensional Fourier Transforms. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , 383-411.	0.1	0
36	Convergence and Summability of Fourier Transforms and Hardy Spaces. <i>Applied and Numerical Harmonic Analysis</i> , 2017, , .	0.1	13

#	ARTICLE	IF	CITATIONS
37	Multi-dimensional Summability Theory and Continuous Wavelet Transform. , 2016, , 241-311.		7
38	Weak- and strong-type inequality for the cone-like maximal operator in variable Lebesgue spaces. Czechoslovak Mathematical Journal, 2016, 66, 1079-1101.	0.3	2
39	Atomic subspaces of $L_1$ -martingale spaces. Acta Mathematica Hungarica, 2016, 150, 423-440.	0.3	4
40	Multi-dimensional Fourier Transforms, Lebesgue Points and Strong Summability. Mediterranean Journal of Mathematics, 2016, 13, 3557-3587.	0.4	7
41	DUAL SPACES OF MULTI-PARAMETER MARTINGALE HARDY SPACES. Quarterly Journal of Mathematics, 2016, 67, 137-145.	0.3	17
42	Almost everywhere and norm convergence of the inverse continuous wavelet transform in Pringsheim's sense. Acta Scientiarum Mathematicarum, 2016, 82, 125-146.	0.2	0
43	Strong Summability of Fourier Transforms at Lebesgue Points and Wiener Amalgam Spaces. Journal of Function Spaces, 2015, 2015, 1-10.	0.4	4
44	Convergence of the inverse continuous wavelet transform in Wiener amalgam spaces. Analysis (Germany), 2015, 35, 33-46.	0.2	8
45	Inverse continuous wavelet transform in Pringsheim's sense on Wiener amalgam spaces. Acta Mathematica Hungarica, 2015, 145, 392-415.	0.3	7
46	Lebesgue points of double Fourier series and strong summability. Journal of Mathematical Analysis and Applications, 2015, 432, 441-462.	0.5	14
47	Lebesgue Points of Two-Dimensional Fourier Transforms and Strong Summability. Journal of Fourier Analysis and Applications, 2015, 21, 885-914.	0.5	17
48	Restricted convergence of the inverse continuous wavelet transform. Acta Scientiarum Mathematicarum, 2015, 81, 535-547.	0.2	0
49	Invertibility of the Gabor frame operator on some function spaces. Acta Mathematica Hungarica, 2014, 144, 167-181.	0.3	2
50	Pointwise convergence in Pringsheim's sense of the summability of Fourier transforms on Wiener amalgam spaces. Monatshefte Fur Mathematik, 2014, 175, 143-160.	0.5	14
51	Higher Dimensional Continuous Wavelet Transform in Wiener Amalgam Spaces. Springer Optimization and Its Applications, 2014, , 747-768.	0.6	0
52	Weak type inequalities for the $\hat{a}_1$ -summability of higher dimensional Fourier transforms. Analysis Mathematica, 2013, 39, 297-320.	0.2	7
53	Inversion formulas for the continuous wavelet transform. Acta Mathematica Hungarica, 2013, 138, 237-258.	0.3	20
54	Weierstrass and Picard summability of more-dimensional Fourier transforms. Analysis (Germany), 2012, 32, 271-280.	0.2	7

#	ARTICLE	IF	CITATIONS
55	Maximal operator of the Fejér means of triangular partial sums of two-dimensional Walsh-Fourier series. Georgian Mathematical Journal, 2012, 19, .	0.2	2
56	Pointwise convergence of Marcinkiewicz-Fejér means of two-dimensional Walsh-Fourier series. Studia Scientiarum Mathematicarum Hungarica, 2012, 49, 236-253.	0.1	0
57	Triangular summability of two-dimensional Fourier transforms. Analysis Mathematica, 2012, 38, 65-81.	0.2	8
58	Maximal functions, Hardy spaces and Fourier multiplier theorems on unbounded Vilenkin groups. Journal of Mathematical Analysis and Applications, 2012, 390, 68-73.	0.5	4
59	Boundedness of operators on Hardy spaces. Acta Scientiarum Mathematicarum, 2012, 78, 541-557.	0.2	9
60	Triangular Cesàro summability of two dimensional Fourier series. Acta Mathematica Hungarica, 2011, 132, 27-41.	0.3	11
61	$\hat{a}_n$ -1-Summability of d-Dimensional Fourier Transforms. Constructive Approximation, 2011, 34, 421-452.	1.8	12
62	$\hat{a}_n$ -1-Summability of d-Dimensional Fourier Transforms. Constructive Approximation, 2011, 34, 421-452.	1.8	12
63	Summability of Gabor expansions and Hardy spaces. Applied and Computational Harmonic Analysis, 2011, 30, 288-306.	1.1	4
64	Marcinkiewicz-summability of multi-dimensional Fourier transforms and Fourier series. Journal of Mathematical Analysis and Applications, 2011, 379, 910-929.	0.5	17
65	APPLICATIONS OF MULTI-PARAMETER MARTINGALES IN FOURIER ANALYSIS. Stochastics and Dynamics, 2011, 11, 551-568.	0.6	0
66	Gabor Expansions and Restricted Summability. Sampling Theory in Signal and Information Processing, 2011, 10, 255-284.	0.2	1
67	Local Hardy spaces and summability of Fourier transforms. Journal of Mathematical Analysis and Applications, 2010, 362, 275-285.	0.5	4
68	Restricted summability of Fourier transforms and local Hardy spaces. Acta Mathematica Sinica, English Series, 2010, 26, 1627-1640.	0.2	7
69	On weighted uniform Cesàro summability of Jacobi-Fourier series. Acta Mathematica Hungarica, 2010, 127, 112-138.	0.3	2
70	Pointwise Summability of Gabor Expansions. Journal of Fourier Analysis and Applications, 2009, 15, 463-487.	0.5	4
71	Multi-dimensional Fejér summability and local Hardy spaces. Studia Mathematica, 2009, 194, 181-195.	0.4	1
72	Multiplier Theorems for the Short-Time Fourier Transform. Integral Equations and Operator Theory, 2008, 60, 133-149.	0.4	11

#	ARTICLE	IF	CITATIONS
73	Walsh-Lebesgue points of multi-dimensional functions. <i>Analysis Mathematica</i> , 2008, 34, 307-324.	0.2	11
74	Herz spaces and summability of Fourier transforms. <i>Mathematische Nachrichten</i> , 2008, 281, 309-324.	0.4	46
75	Weak inequalities for Cesàro and Riesz summability of Walsh-Fourier series. <i>Journal of Approximation Theory</i> , 2008, 151, 1-19.	0.5	41
76	Herz spaces and restricted summability of Fourier transforms and Fourier series. <i>Journal of Mathematical Analysis and Applications</i> , 2008, 344, 42-54.	0.5	16
77	Wiener amalgams, Hardy spaces and summability of Fourier series. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2008, 145, 419-442.	0.3	8
78	Lebesgue points of multi-dimensional functions. <i>Facta Universitatis - Series Electronics and Energetics</i> , 2008, 21, 255-265.	0.6	0
79	Inversion of the Short-Time Fourier Transform Using Riemannian Sums. <i>Journal of Fourier Analysis and Applications</i> , 2007, 13, 357-368.	0.5	14
80	Almost everywhere convergence of Banach space-valued Vilenkin-Fourier series. <i>Acta Mathematica Hungarica</i> , 2007, 116, 47-59.	0.3	4
81	Gabor Analysis on Wiener Amalgams. <i>Sampling Theory in Signal and Information Processing</i> , 2007, 6, 129-150.	0.2	19
82	The Segal Algebra $S_0(\mathbb{R}^d)$ and Norm Summability of Fourier Series and Fourier Transforms. <i>Monatshefte Fur Mathematik</i> , 2006, 148, 333-349.	0.5	59
83	Inversion formulas for the short-time Fourier transform. <i>Journal of Geometric Analysis</i> , 2006, 16, 507-521.	0.5	16
84	Wiener amalgams and pointwise summability of Fourier transforms and Fourier series. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2006, 140, 509.	0.3	63
85	Marcinkiewicz multiplier theorem and the Sunouchi operator for Ciesielski-Fourier series. <i>Journal of Approximation Theory</i> , 2005, 133, 195-220.	0.5	1
86	Hardy-Littlewood inequalities for Ciesielski-Fourier series. <i>Analysis Mathematica</i> , 2005, 31, 217-233.	0.2	2
87	$\hat{\Lambda}$ -summability of Fourier series. <i>Acta Mathematica Hungarica</i> , 2004, 103, 139-176.	0.3	46
88	Weak type inequalities for the Walsh and bounded Ciesielski systems. <i>Analysis Mathematica</i> , 2004, 30, 147-160.	0.2	15
89	Almost everywhere convergence of Ciesielski-Fourier series of $H_1$ functions. <i>Archiv Der Mathematik</i> , 2004, 83, 135.	0.3	2
90	Strong summability of Ciesielski-Fourier series. <i>Studia Mathematica</i> , 2004, 161, 269-302.	0.4	3

#	ARTICLE	IF	CITATIONS
91	Marcinkiewicz-(heta)-Summability of Fourier Transforms. Acta Mathematica Hungarica, 2002, 96, 149-160.	0.3	13
92	FejÅ©r summability of multi-parameter bounded Ciesielski systems. Analysis Mathematica, 2002, 28, 135-155.	0.2	3
93	Summability of Multi-Dimensional Fourier Series and Hardy Spaces. , 2002, , .		156
94	Singular integrals on product domains. Archiv Der Mathematik, 2001, 77, 328-336.	0.3	2
95	Several Dimensional $\hat{I}_p$ -Summability and Hardy Spaces. Mathematische Nachrichten, 2001, 230, 159-180.	0.4	24
96	$(C, \hat{I}_\pm)$ Summability of Walshâ€™Fourier Series. Analysis Mathematica, 2001, 27, 141-155.	0.2	27
97	Paley Type Inequalities for Several Parameter Vilenkin Systems. Analysis Mathematica, 2001, 27, 187-199.	0.2	0
98	Free lunch and arbitrage possibilities in a financial market model with an insider. Stochastic Processes and Their Applications, 2001, 92, 103-130.	0.4	60
99	On the FejÅ©r means of bounded Ciesielski systems. Studia Mathematica, 2001, 146, 227-243.	0.4	4
100	Double points of the Brownian sheet in $R^d$ and the geometry.of the parameter space. Stochastic and Stochastics Reports, 2000, 70, 165-211.	0.6	0
101	The Maximal Riesz Operator of Two-Dimensional Fourier Transforms and Fourier Series on $H_p(R^{\vec{\lambda}}-R)$ and $H_p(T^{\vec{\lambda}}-T)$ . Journal of Approximation Theory, 2000, 102, 21-45.	0.5	2
102	$\hat{I}_p$ -Summation and Hardy Spaces. Journal of Approximation Theory, 2000, 107, 121-142.	0.5	28
103	A Generalization for Fourier Transforms of a Theorem due to Marcinkiewicz. Journal of Mathematical Analysis and Applications, 2000, 252, 675-695.	0.5	14
104	The Two-Parameter Dyadic Derivative and Dyadic Hardy Spaces. Analysis Mathematica, 2000, 26, 143-160.	0.2	3
105	Two-Dimensional Conjugate Martingale Transforms. Acta Mathematica Hungarica, 2000, 87, 11-22.	0.3	0
106	Strong Convergence Theorems for Two Parameter Vilenkin-Fourier Series. Acta Mathematica Hungarica, 2000, 86, 17-38.	0.3	1
107	The maximal $(C, \hat{I}_\pm, \hat{I}^2)$ operator of two-parameter walsh-fourier series. Journal of Fourier Analysis and Applications, 2000, 6, 389-401.	0.5	6
108	RIESZ MEANS OF d-DIMENSIONAL FOURIER TRANSFORMS AND FOURIER SERIES. Analysis (Germany), 2000, 20, 121-136.	0.2	3

#	ARTICLE	IF	CITATIONS
109	Maximal estimates for the $(C, \alpha)$ means of $d$ -dimensional Walsh-Fourier series. Proceedings of the American Mathematical Society, 1999, 128, 2337-2345.	0.4	4
110	Title is missing!. Journal of Theoretical Probability, 1999, 12, 721-737.	0.4	2
111	The maximal Fejér operator on the spaces $H^p(\mathbb{R}^n)$ . Analysis Mathematica, 1999, 25, 315-324.	0.2	0
112	Atomic Decompositions and Inequalities for Vector-Valued Discrete-Time Martingales. Theory of Probability and Its Applications, 1999, 43, 487-496.	0.1	5
113	Bounded Operators on Weak Hardy Spaces and Applications. Acta Mathematica Hungarica, 1998, 80, 249-264.	0.3	33
114	Martingale Hardy spaces and the dyadic derivative. Analysis Mathematica, 1998, 24, 59-77.	0.2	10
115	Hardy-Littlewood type inequalities for Vilenkin-Fourier coefficients. Analysis Mathematica, 1998, 24, 131-150.	0.2	4
116	The maximal Cesàro operator on Hardy spaces. Analysis (Germany), 1998, 18, 157-166.	0.2	6
117	Riesz means of Fourier transforms and Fourier series on Hardy spaces. Studia Mathematica, 1998, 131, 253-270.	0.4	5
118	Inequalities and duality results with respect to two-parameter strong martingales. Analysis Mathematica, 1997, 23, 45-75.	0.2	1
119	Cesàro Summability of Two-Parameter Walsh-Fourier Series. Journal of Approximation Theory, 1997, 88, 168-192.	0.5	10
120	Cesàro Summability of Two-Parameter Trigonometric-Fourier Series. Journal of Approximation Theory, 1997, 90, 30-45.	0.5	5
121	Cesàro summability of one- and two-dimensional trigonometric-Fourier series. Colloquium Mathematicum, 1997, 74, 123-133.	0.2	8
122	Cesàro Summability of Two-dimensional Walsh-Fourier Series. Transactions of the American Mathematical Society, 1996, 348, 2169-2181.	0.5	52
123	Cesàro summability of one- and two-dimensional Walsh-Fourier series. Analysis Mathematica, 1996, 22, 229-242.	0.2	72
124	Duality results and inequalities with respect to Hardy spaces containing function sequences. Journal of Theoretical Probability, 1996, 9, 301-316.	0.4	1
125	Martingale BMO spaces with continuous time. Analysis Mathematica, 1996, 22, 65-79.	0.2	2
126	Cesàro Summability of Multi-dimensional Trigonometric-Fourier Series. Journal of Mathematical Analysis and Applications, 1996, 204, 419-431.	0.5	20



#	ARTICLE	IF	CITATIONS
127	The boundedness of the two-parameter Sunouchi operators on Hardy spaces. Acta Mathematica Hungarica, 1996, 72, 121-152.	0.3	11
128	Interpolation between continuous parameter martingale spaces: The real method. Acta Mathematica Hungarica, 1995, 68, 37-54.	0.3	2
129	The asymptotic behaviour of local times and occupation integrals of the $N$ -parameter Wiener process in $\mathbb{R}^d$ . Probability Theory and Related Fields, 1994, 98, 47-75.	0.9	22
130	Atomic Hardy spaces. Analysis Mathematica, 1994, 20, 65-80.	0.2	4
131	Hardy spaces of predictable martingales. Analysis Mathematica, 1994, 20, 225-233.	0.2	8
132	An application of two-parameter martingales in harmonic analysis. Studia Mathematica, 1993, 107, 115-126.	0.4	4
133	On the equivalence of some rearrangements of the two-parameter Haar system. Analysis Mathematica, 1992, 18, 153-166.	0.2	0
134	Martingale Hardy Spaces with Continuous Time. , 1992, , 47-75.		5
135	Conjugate martingale transforms. Studia Mathematica, 1992, 103, 207-220.	0.4	5
136	Inequalities relative to two-parameter Vilenkin-Fourier coefficients. Studia Mathematica, 1991, 99, 221-233.	0.4	11
137	Martingale Hardy spaces, BMO and VMO spaces with nonlinearly ordered stochastic basis. Analysis Mathematica, 1990, 16, 227-239.	0.2	4
138	Dyadic martingale Hardy and VMO spaces on the plane. Acta Mathematica Hungarica, 1990, 56, 143-154.	0.3	5
139	Martingale hardy spaces for $0 < p \leq 1$ . Probability Theory and Related Fields, 1990, 84, 361-376.	0.9	74
140	Unrestricted Cesàro summability of $d$ -dimensional Fourier series and Lebesgue points. Constructive Mathematical Analysis, 0, , .	0.3	0
141	Variable martingale Hardy spaces and their applications in Fourier analysis. Dissertationes Mathematicae, 0, 550, 1-67.	1.0	22