

# Martin Ehler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3950485/publications.pdf>

Version: 2024-02-01

20  
papers

147  
citations

1478505

6  
h-index

1199594

12  
g-index

20  
all docs

20  
docs citations

20  
times ranked

93  
citing authors

#	ARTICLE	IF	CITATIONS
1	Curve Based Approximation of Measures on Manifolds by Discrepancy Minimization. Foundations of Computational Mathematics, 2021, 21, 1595-1642.	2.5	8
2	Asymptotically optimal cubature formulas on manifolds for prefixed weights. Journal of Approximation Theory, 2021, 271, 105632.	0.8	4
3	Orthogonal projections for image quality analyses applied to MRI. Proceedings in Applied Mathematics and Mechanics, 2021, 20, e202000159.	0.2	0
4	Automated Quantification of Photoreceptor alteration in macular disease using Optical Coherence Tomography and Deep Learning. Scientific Reports, 2020, 10, 5619.	3.3	21
5	Optimal Monte Carlo integration on closed manifolds. Statistics and Computing, 2019, 29, 1203-1214.	1.5	7
6	Reproducing Kernels for the Irreducible Components of Polynomial Spaces on Unions of Grassmannians. Constructive Approximation, 2019, 49, 29-58.	3.0	5
7	Metric entropy, $n$ -widths, and sampling of functions on manifolds. Journal of Approximation Theory, 2018, 225, 41-57.	0.8	1
8	From Low- to High-Dimensional Moments Without Magic. Journal of Theoretical Probability, 2018, 31, 2167-2193.	0.8	2
9	Points on manifolds with asymptotically optimal covering radius. Journal of Complexity, 2018, 48, 1-14.	1.3	11
10	Optimal configurations of lines and a statistical application. Advances in Computational Mathematics, 2017, 43, 113-126.	1.6	2
11	Sampling in Grassmannians. , 2017, , .		0
12	Numerically Optimizing Weights for Monte Carlo Integration on Smooth Compact Manifolds. , 2017, , .		1
13	Quasi Monte Carlo Integration and Kernel-Based Function Approximation on Grassmannians. Applied and Numerical Harmonic Analysis, 2017, , 333-353.	0.3	9
14	Cubatures on Grassmannians: Moments, Dimension Reduction, and Related Topics. Applied and Numerical Harmonic Analysis, 2017, , 235-259.	0.3	2
15	Preconditioning Filter Bank Decomposition Using Structured Normalized Tight Frames. Journal of Applied Mathematics, 2015, 2015, 1-12.	0.9	1
16	Modeling Photo-Bleaching Kinetics to Create High Resolution Maps of Rod Rhodopsin in the Human Retina. PLoS ONE, 2015, 10, e0131881.	2.5	5
17	Scaling, Self-Similarity, and Systems of Fractional Order. Abstract and Applied Analysis, 2014, 2014, 1-2.	0.7	1
18	$\hat{\mu}$ -Coverings of HÃ¶lder-Zygmund Type Spaces on Data-Defined Manifolds. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Wavelet packets for time-frequency analysis of multispectral imagery. GEM - International Journal on Geomathematics, 2013, 4, 137-154.	1.6	6
20	On Multivariate Compactly Supported Bi-Frames. Journal of Fourier Analysis and Applications, 2007, 13, 511-532.	1.0	59