Götz E Pfander

List of Publications by Year
in descending order

38 papers	**722** citations	567281 **15** h-index	526287 **27** g-index
38 all docs	**38** docs citations	**38** times ranked	**246** citing authors

#	Article	IF	Citations
1	Weighted Zak transforms and the dual tiling condition. Journal of Mathematical Analysis and Applications, 2020, 487, 124020.	1.0	0
2	Identification of channels with single and multiple inputs and outputs under linear constraints. Linear Algebra and Its Applications, 2019, 581, 435-470.	0.9	1
3	Robust Phase Retrieval Algorithm for Time-Frequency Structured Measurements. SIAM Journal on Imaging Sciences, 2019, 12, 736-761.	2.2	18
4	Signal transmission through an unidentified channel. , 2019, , .		5
5	Sampling and Reconstruction of Multiple-Input Multiple-Output Channels. IEEE Transactions on Signal Processing, 2019, 67, 961-976.	5.3	7
6	On the stability of sparse convolutions. Applied and Computational Harmonic Analysis, 2017, 42, 117-134.	2.2	3
7	Boundedness of Multilinear Pseudo-differential Operators on Modulation Spaces. Journal of Fourier Analysis and Applications, 2016, 22, 1381-1415.	1.0	16
8	Timeâ€"frequency shift invariance and the Amalgam Balianâ€"Low theorem. Applied and Computational Harmonic Analysis, 2016, 41, 677-691.	2.2	9
9	Sampling and Reconstruction of Operators. IEEE Transactions on Information Theory, 2016, 62, 435-458.	2.4	19
10	Regular operator sampling for parallelograms. , 2015, , .		0
11	Estimation of Overspread Scattering Functions. IEEE Transactions on Signal Processing, 2015, 63, 2451-2463.	5.3	10
12	Cornerstones of Sampling of Operator Theory. Applied and Numerical Harmonic Analysis, 2015, , 291-332.	0.3	6
13	Reconstruction of the scattering function of overspread radar targets. IET Signal Processing, 2014, 8, 1018-1024.	1.5	8
14	Sampling of Stochastic Operators. IEEE Transactions on Information Theory, 2014, 60, 2359-2372.	2.4	15
15	Local Sampling and Approximation of Operators with Bandlimited Kohnâ€"Nirenberg Symbols. Constructive Approximation, 2014, 39, 541-572.	3.0	8
16	Identification of stochastic operators. Applied and Computational Harmonic Analysis, 2014, 36, 256-279.	2.2	11
17	Sampling of Operators. Journal of Fourier Analysis and Applications, 2013, 19, 612-650.	1.0	30
18	Remarks on multivariate Gaussian Gabor frames. Monatshefte Fur Mathematik, 2013, 172, 179-187.	0.9	8

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19	The restricted isometry property for time–frequency structured random matrices. Probability Theory and Related Fields, 2013, 156, 707-737.	1.8	32
20	Gabor Frames in Finite Dimensions. Applied and Numerical Harmonic Analysis, 2013, , 193-239.	0.3	26
21	A Time-Frequency Density Criterion for Operator Identification. Sampling Theory in Signal and Information Processing, 2013, 12, 1-19.	0.2	2
22	Infinite dimensional restricted invertibility. Journal of Functional Analysis, 2012, 263, 3784-3803.	1.4	3
23	A Geometric Construction of Tight Multivariate Gabor Frames with Compactly Supported Smooth Windows. Journal of Fourier Analysis and Applications, 2012, 18, 223-239.	1.0	14
24	Sparsity in Time-Frequency Representations. Journal of Fourier Analysis and Applications, 2010, 16, 233-260.	1.0	59
25	Irregular and multi-channel sampling of operators. Applied and Computational Harmonic Analysis, 2010, 29, 214-231.	2.2	9
26	A discrete model for the efficient analysis of time-varying narrowband communication channels. Multidimensional Systems and Signal Processing, 2008, 19, 3-40.	2.6	8
27	On the invertibility of "rectangular" bi-infinite matrices and applications in time–frequency analysis. Linear Algebra and Its Applications, 2008, 429, 331-345.	0.9	10
28	Measurement of time-varying multiple-input multiple-output channels. Applied and Computational Harmonic Analysis, 2008, 24, 393-401.	2.2	17
29	Uncertainty in time–frequency representations on finite Abelian groups and applications. Applied and Computational Harmonic Analysis, 2008, 25, 209-225.	2.2	38
30	Identification of Matrices Having a Sparse Representation. IEEE Transactions on Signal Processing, 2008, 56, 5376-5388.	5.3	64
31	Frame expansions for Gabor multipliers. Applied and Computational Harmonic Analysis, 2006, 20, 26-40.	2.2	24
32	Measurement of Time-Variant Linear Channels. IEEE Transactions on Information Theory, 2006, 52, 4808-4820.	2.4	55
33	Operator Identification and Feichtinger's Algebra. Sampling Theory in Signal and Information Processing, 2006, 5, 183-200.	0.2	18
34	Linear Independence of Gabor Systems in Finite Dimensional Vector Spaces. Journal of Fourier Analysis and Applications, 2005, 11, 715-726.	1.0	68
35	Identification of Operators with Bandlimited Symbols. SIAM Journal on Mathematical Analysis, 2005, 37, 867-888.	1.9	55
36	Note on B-splines, wavelet scaling functions, and gabor frames. IEEE Transactions on Information Theory, 2003, 49, 3318-3320.	2.4	26

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37	Periodic Wavelet Transforms and Periodicity Detection. SIAM Journal on Applied Mathematics, 2002, 62, 1329-1368.	1.8	18
38	Perturbation Stability of Coherent Riesz Systems under Convolution Operators. Applied and Computational Harmonic Analysis, 2002, 12, 286-308.	2.2	2