

Zhihua Yang

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

566
citations

933410

10
h-index

713444

21
g-index

40
all docs

40
docs citations

40
times ranked

411
citing authors

#	ARTICLE	IF	CITATIONS
19	Vakman's analysis in $L^2(\hat{\alpha}, \beta)$. International Journal of Computer Mathematics, 2011, 88, 545-554.	1.8	8
20	Approximation by the nonlinear Fourier basis. Science China Mathematics, 2011, 54, 1207-1214.	1.7	7
21	Efficient Node Selection Strategy for Sampling Bandlimited Signals on Graphs. IEEE Transactions on Signal Processing, 2021, 69, 5815-5829.	5.3	7
22	A Reconstruction Method for Graph Signals Based on the Power Spectral Density Estimation. , 2021, 122, 103347.		7
23	ϵ -Mono-Component: Its Characterization and Construction. IEEE Transactions on Signal Processing, 2015, 63, 234-243.	5.3	6
24	The model and construction of weak IMFs. Computational and Applied Mathematics, 2015, 34, 661-670.	1.3	5
25	Hilbert spectrum analysis of piecewise stationary signals and its application to texture classification. , 2018, 82, 1-10.		5
26	Major depressive disorder identification by referenced multiset canonical correlation analysis with clinical scores. Medical Image Analysis, 2020, 60, 101600.	11.6	5
27	A new prediction method for recommendation system based on sampling reconstruction of signal on graph. Expert Systems With Applications, 2020, 159, 113587.	7.6	5
28	The structures of some typical intrinsic mode functions. Mathematical Methods in the Applied Sciences, 2012, 35, 2075-2084.	2.3	4
29	An orthogonal partition selection strategy for the sampling of graph signals with successive local aggregations. Signal Processing, 2021, 188, 108211.	3.7	4
30	Approximation properties of Gaussian-binary restricted Boltzmann machines and Gaussian-binary deep belief networks. Neural Networks, 2022, 153, 49-63.	5.9	4
31	Towards the representational power of restricted Boltzmann machines. Neurocomputing, 2020, 415, 358-367.	5.9	3
32	Approximation theorems on graphs. Journal of Approximation Theory, 2021, 270, 105620.	0.8	3
33	Best two-parameter rational approximation algorithm of given order: a variation of adaptive Fourier decomposition. Mathematical Methods in the Applied Sciences, 2015, 38, 2816-2829.	2.3	2
34	The theoretical analysis for an iterative envelope algorithm. , 2015, 38, 32-42.		2
35	Mono-frequency signals: Model and construction. , 2017, 69, 185-192.		2
36	Orthogonality in Banach spaces and orthogonal multiscale L^1 -approximation. Science Bulletin, 1999, 44, 25-35.	1.7	1

#	ARTICLE	IF	CITATIONS
37	Constructions of $\tilde{\mu}$ -mono-components and mathematical analysis on signal decomposition algorithm. Applied Mathematics and Computation, 2017, 293, 555-564.	2.2	1
38	A new bidimensional EMD algorithm and its applications. , 2014, , .		0
39	A unified mathematical treatment for Bedrosian identity. , 2016, , .		0
40	Hilbert-Huang Transform: Its Background, Algorithms and Applications. Series in Contemporary Applied Mathematics, 2010, , 138-178.	0.8	0