

# Lihua Yang

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

369  
citations

1163117

8  
h-index

996975

15  
g-index

27  
all docs

27  
docs citations

27  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	EMD2FNN: A strategy combining empirical mode decomposition and factorization machine based neural network for stock market trend prediction. Expert Systems With Applications, 2019, 115, 136-151.	7.6	107
2	An EMD-based recognition method for Chinese fonts and styles. Pattern Recognition Letters, 2006, 27, 1692-1701.	4.2	37
3	The Bedrosian identity for $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll" \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mi} \text{mathvariant="bold"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mi} \rangle p \langle \text{mml:mi} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ functions. Journal of Mathematical Analysis and Applications, 2008, 345, 975-984.	1.0	26
4	A method to eliminate riding waves appearing in the empirical AM/FM demodulation. , 2008, 18, 488-504.		26
5	Signal Period Analysis Based on Hilbert-Huang Transform and Its Application to Texture Analysis. , 0, , .		24
6	A novel method for computing the Hilbert transform with Haar multiresolution approximation. Journal of Computational and Applied Mathematics, 2009, 223, 585-597.	2.0	24
7	Rational orthogonal bases satisfying the Bedrosian identity. Advances in Computational Mathematics, 2010, 33, 285-303.	1.6	23
8	Optimal averages for nonlinear signal decompositionsâ€”Another alternative for empirical mode decomposition. Signal Processing, 2016, 121, 17-29.	3.7	19
9	An oblique-extrema-based approach for empirical mode decomposition. , 2010, 20, 699-714.		16
10	A novel envelope model based on convex constrained optimization. , 2014, 29, 138-146.		14
11	Construction of periodic analytic signals satisfying the circular Bedrosian identity. IMA Journal of Applied Mathematics, 2010, 75, 246-256.	1.6	9
12	Vakman's analysis in $\langle i \rangle L \langle /i \rangle \langle \sup \rangle 2 \langle /sup \rangle (\hat{\alpha}, \hat{\beta})$ . International Journal of Computer Mathematics, 2011, 88, 545-554.	1.8	8
13	Efficient Node Selection Strategy for Sampling Bandlimited Signals on Graphs. IEEE Transactions on Signal Processing, 2021, 69, 5815-5829.	5.3	7
14	IRIS RECOGNITION BASED ON HILBERTâ€”HUANG TRANSFORM. Advances in Adaptive Data Analysis, 2009, 01, 623-641.	0.6	5
15	Hilbert spectrum analysis of piecewise stationary signals and its application to texture classification. , 2018, 82, 1-10.		5
16	A NEW BIDIMENSIONAL EMPIRICAL MODE DECOMPOSITION BY USING RADON TRANSFORM. International Journal of Wavelets, Multiresolution and Information Processing, 2011, 09, 387-396.	1.3	4
17	The structures of some typical intrinsic mode functions. Mathematical Methods in the Applied Sciences, 2012, 35, 2075-2084.	2.3	4
18	An Improved Empirical Mode Decomposition. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
19	Best twoâ€parameter rational approximation algorithm of given order: a variation of adaptive Fourier decomposition. <i>Mathematical Methods in the Applied Sciences</i> , 2015, 38, 2816-2829.	2.3	2
20	A Study on Performance Improvement Due to Linear Fusion in Biometric Authentication Tasks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2015, , 1-13.	9.3	2
21	Mono-frequency signals: Model and construction. , 2017, 69, 185-192.		2
22	An improved empirical AM/FM demodulation method. , 2007, , .		1
23	Constructions of $\tilde{\mu}$ -mono-components and mathematical analysis on signal decomposition algorithm. <i>Applied Mathematics and Computation</i> , 2017, 293, 555-564.	2.2	1
24	A new method of recognizing Chinese fonts. , 2005, , .		0
25	A novel texture classification method using multi-directions main frequency center. , 2007, , .		0
26	A unified mathematical treatment for Bedrosian identity. , 2016, , .		0
27	A New Prediction Method for Credit Scoring Based on Sampling Reconstruction of Signal on Graph. <i>Series on Language Processing, Pattern Recognition, and Intelligent Systems</i> , 2021, , 145-160.	0.1	0