

Zhihua Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9237859/publications.pdf>

Version: 2024-02-01

40
papers

566
citations

933447

10
h-index

713466

21
g-index

40
all docs

40
docs citations

40
times ranked

411
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Vakman's analysis in $L^2(\hat{\alpha}, \hat{\beta})$. 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 |