

# Shu-Li Mei

## List of Publications by Year in descending order

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20  
papers

192  
citations

1478505

6  
h-index

1125743

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g-index

22  
all docs

22  
docs citations

22  
times ranked

137  
citing authors

#	ARTICLE	IF	CITATIONS
1	Haar wavelet transform and variational iteration method for fractional option pricing models. <i>Mathematical Methods in the Applied Sciences</i> , 2023, 46, 8408-8417.	2.3	5
2	Coupling technology of OpenSURF and Shannon-Cosine wavelet interpolation for locust slice images inpainting. <i>Computers and Electronics in Agriculture</i> , 2022, 198, 107110.	7.7	8
3	Coupling Technique of Haar Wavelet Transform and Variational Iteration Method for a Nonlinear Option Pricing Model. <i>Mathematics</i> , 2021, 9, 1642.	2.2	1
4	Hermite Interpolation Based Interval Shannon-Cosine Wavelet and Its Application in Sparse Representation of Curve. <i>Mathematics</i> , 2021, 9, 1.	2.2	108
5	Research on a Dynamic Algorithm for Cow Weighing Based on an SVM and Empirical Wavelet Transform. <i>Sensors</i> , 2020, 20, 5363.	3.8	9
6	Shannon-Cosine Wavelet Precise Integration Method for Locust Slice Image Mixed Denoising. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-17.	1.1	2
7	Point-Symmetric Extension-Based Interval Shannon-Cosine Spectral Method for Fractional PDEs. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-10.	0.9	4
8	A high-sensitivity multilayer soil moisture monitoring sensor based on a double high-frequency tuning detection circuit. <i>International Journal of Distributed Sensor Networks</i> , 2020, 16, 155014772090782.	2.2	2
9	Cell-filtering-based multi-scale Shannon-Cosine wavelet denoising method for locust slice images. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2019, 17, 1950035.	1.3	3
10	Shannon-Cosine wavelet spectral method for solving fractional Fokker-Planck equations. <i>International Journal of Wavelets, Multiresolution and Information Processing</i> , 2018, 16, 1850021.	1.3	11
11	HPM-Based Dynamic Sparse Grid Approach for Perona-Malik Equation. <i>Scientific World Journal</i> , The, 2014, 2014, 1-15.	2.1	4
12	VIM-Based Dynamic Sparse Grid Approach to Partial Differential Equations. <i>Scientific World Journal</i> , The, 2014, 2014, 1-14.	2.1	0
13	Faber-Schauder Wavelet Sparse Grid Approach for Option Pricing with Transactions Cost. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-9.	0.7	2
14	Shannon Wavelet Precision Integration Method for Pathologic Onion Image Segmentation Based on Homotopy Perturbation Technology. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-10.	1.1	2
15	HAM-Based Adaptive Multiscale Meshless Method for Burgers Equation. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-10.	0.9	5
16	HPM-Based Dynamic Wavelet Transform and Its Application in Image Denoising. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-10.	1.1	6
17	Interval Shannon Wavelet Collocation Method for Fractional Fokker-Planck Equation. <i>Advances in Mathematical Physics</i> , 2013, 2013, 1-12.	0.8	9
18	Application of Microscopic Image Segmentation Technology in Locust-Control Pesticide Research. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
19	Construction of Quasi Interval Wavelet Based on Constrained Variational Principle. , 2009, , .		0
20	Construction of Interval Wavelet Based on Restricted Variational Principle and Its Application for Solving Differential Equations. Mathematical Problems in Engineering, 2008, 2008, 1-14.	1.1	10