

Supriya Dhabal

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

144
citations

1477746

6
h-index

1588620

8
g-index

28
all docs

28
docs citations

28
times ranked

119
citing authors

#	ARTICLE	IF	CITATIONS
1	An efficient gbest-guided Cuckoo Search algorithm for higher order two channel filter bank design. Swarm and Evolutionary Computation, 2017, 33, 68-84.	4.5	27
2	A novel accelerated artificial bee colony algorithm for optimal design of two dimensional FIR filter. Multidimensional Systems and Signal Processing, 2017, 28, 471-493.	1.7	18
3	An improved image denoising technique using differential evolution-based salp swarm algorithm. Soft Computing, 2021, 25, 1941-1961.	2.1	18
4	Efficient design of high pass FIR filter using quantum-behaved particle swarm optimization with weighted mean best position. , 2015, , .		12
5	An Improved Global-Best-Guided Cuckoo Search Algorithm for Multiplierless Design of Two-Dimensional IIR Filters. Circuits, Systems, and Signal Processing, 2019, 38, 805-826.	1.2	10
6	Two-Dimensional IIR Filter Design Using Simulated Annealing Based Particle Swarm Optimization. Journal of Optimization, 2014, 2014, 1-10.	6.0	8
7	An improved global-best-driven flower pollination algorithm for optimal design of two-dimensional FIR filter. Soft Computing, 2019, 23, 8855-8872.	2.1	8
8	Canonical signed digit representation of Quadrature Mirror Filter using Genetic Algorithm. , 2012, , .		6
9	A novel low complexity multichannel Cosine Modulated Filter Bank using IFIR technique for Nearly Perfect Reconstruction. , 2012, , .		6
10	Effect of using Genetic Algorithm to denoise MRI images corrupted with Rician Noise. , 2013, , .		6
11	Design of higher order FIR low pass filter using Cuckoo search algorithm. , 2016, , .		5
12	An IFIR approach for designing M-band NPR Cosine Modulated Filter Bank with CSD. , 2012, , .		4
13	On Combination of Fuzzy Memberships for Medical Image Fusion using NSST based Fuzzy-PCNN. , 2018, , .		3
14	Efficient Cosine Modulated Filter Bank Using Multiplierless Masking Filter and Representation of Prototype Filter Coefficients Using CSD. International Journal of Image Graphics and Signal Processing, 2012, 4, 25-33.	0.8	3
15	An improved Cuckoo Search Algorithm for numerical optimization. , 2016, , .		2
16	An Efficient Nonuniform Cosine Modulated Filter Bank Design Using Simulated Annealing. Journal of Signal and Information Processing, 2012, 03, 330-338.	0.8	2
17	Image Registration using Bio-inspired Algorithms. , 2020, , .		2
18	An improved compensated prefilter structure using frequency response masking technique for efficient FIR filter design. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
19	An Efficient Cascaded Filter Design using Dragonfly Algorithm for Image Noise Reduction. , 2020, , .		1
20	Multilevel Thresholding based Image Segmentation using Optimization Algorithm. , 2020, , .		1
21	Design of Band-Pass Fir Filter Using Modified Social Group Optimization Algorithm and its Implementation on FPGA. , 2022, , .		1
22	Design of Higher Order Quadrature Mirror Filter Bank Using Simulated Annealing-Based Multi-swarm Cooperative Particle Swarm Optimization. Advances in Intelligent Systems and Computing, 2019, , 1-10.	0.5	0
23	Design of Band-pass FIR Filter using Improved Sine Cosine Algorithm and its Implementation on FPG. , 2019, , .		0
24	An Iterative Power Regulation Technique in Emergency Cognitive Radio Network Based on Firefly Algorithm. International Journal of Sensors, Wireless Communications and Control, 2021, 11, 592-602.	0.5	0
25	A novel sound source localization method using a global-best guided cuckoo search algorithm for drone-based search and rescue operations. , 2021, , 375-415.		0
26	Medical Image Fusion using Local IFS-Entropy in NSST Domain by Stimulating PCNN. , 2020, , .		0
27	Medical Image Enhancement using Salp Swarm Algorithm. , 2020, , .		0
28	Improved Design of IIR filter using Salp Swarm Algorithm. , 2020, , .		0