Supriya Dhabal

List of Publications by Year in descending order

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SUDDIVA ΠΗΛΒΑΙ

| # | 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. | 8.1 | 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. | 2.6 | 18 |
| 3 | An improved image denoising technique using differential evolution-based salp swarm algorithm. Soft Computing, 2021, 25, 1941-1961. | 3.6 | 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. | 2.0 | 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. | 3.6 | 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. | 1.2 | 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. | 0.4 | 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 |

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| # | 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. | 0.6 | 0 |
| 23 | Design of Band-pass FIR Filter using Improved Sine Cosine Algorithm and its Implementation on FPG. , 2019, , . | | Ο |
| 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. | 0.7 | 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. | | Ο |
| 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, , . | | Ο |
| 28 | Improved Design of IIR filter using Salp Swarm Algorithm. , 2020, , . | | 0 |