

# Amrita rai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9146901/publications.pdf>

Version: 2024-02-01

12  
papers

88  
citations

1684188

5  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

56  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Numeric Variable Forgetting Factor RLS Algorithm for Second-Order Volterra Filtering. Circuits, Systems, and Signal Processing, 2013, 32, 223-232.                                    | 2.0 | 31        |
| 2  | Adaptive Polynomial Filtering using Generalized Variable Step-Size Least Mean pth Power (LMP) Algorithm. Circuits, Systems, and Signal Processing, 2014, 33, 3931-3947.               | 2.0 | 13        |
| 3  | Analysis of power consumption in standalone 5G network and enhancement in energy efficiency using a novel routing protocol. Sustainable Energy, Grids and Networks, 2021, 26, 100427. | 3.9 | 13        |
| 4  | Design and implementation of an elastic processor with hyperthreading technology and virtualization for elastic server models. Journal of Supercomputing, 2020, 76, 7394-7415.        | 3.6 | 9         |
| 5  | Variable Forgetting Factor LS Algorithm for Polynomial Channel Model. ISRN Signal Processing, 2011, 2011, 1-4.  | 2.9 | 7         |
| 6  | Volterra Filtering Scheme using Generalized Variable Step-size NLMS Algorithm for Nonlinear Acoustic Echo Cancellation. Acta Acustica United With Acustica, 2015, 101, 821-828.       | 0.8 | 5         |
| 7  | Simulation and Analysis of Nonlinear System Identification Using the LMS Volterra Filter. Advanced Materials Research, 0, 403-408, 3528-3537.   | 0.3 | 3         |
| 8  | Adaptive Volterra Filters for Active Control of Nonlinear Noise Processes. Lecture Notes in Electrical Engineering, 2019, , 229-235.  | 0.4 | 3         |
| 9  | Convergence Analysis of LMS based Adaptive filter. , 2010, , .  |     | 2         |
| 10 | Design and Implementation of Biometrically Activated Self-Defence Device for Womenâ€™s Safety. Algorithms for Intelligent Systems, 2020, , 113-120.                                   | 0.6 | 2         |
| 11 | Second order volterra filter with formulation and variable step-size LMS adaptation. , 2012, , .  |     | 0         |
| 12 | Feature Extraction of Face Recognition Techniques Utilizing Neural System as a Classifier. Smart Innovation, Systems and Technologies, 2022, , 313-321.                               | 0.6 | 0         |