# Hisashi Aomori

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9801403/publications.pdf

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| 16 | 37 | 2682572 2 | 1872680 6 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 17 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Sigmaâ€“delta cellular neural network for 2D modulation. Neural Networks, 2008, 21, 349-357. | 5.9 | 17 |
| 2 | Maximum-Flow Neural Network: A Novel Neural Network for the Maximum Flow Problem. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2009, E92-A, 945-951. | 0.3 | 5 |
| 3 | Noncontact heart rate measurement system on single board computer. , 2018, , . | | 3 |
| 4 | A Spatial Domiain Sigma-Delta Modulator Using Discrete-Time Cellular Neural Networks. , 2006, , . | | 2 |
| 5 | Image Resolution Upscaling via Two-Layered Discrete-Time Cellular Neural Network. , 2006, , . | | 2 |
| 6 | Node voltages in nonlinear resistive circuits enable new approach to the minimum cut problem. , 2014, , . | | 2 |
| 7 | Deep demosaicking considering inter-channel correlation and self-similarity. Nonlinear Theory and Its Applications IEICE, 2021, 12, 453-463. | 0.6 | 2 |
| 8 | A Spatial Domain Sigma-Delta Modulation via Discrete-Time Cellular Neural Networks. Neural Networks (IJCNN), International Joint Conference on, 2007, , . | 0.0 | 1 |
| 9 | Potential method of nonlinear resistive circuits to solve max-flow/min-cut problems. Nonlinear Theory and Its Applications IEICE, 2016, 7, 509-522. | 0.6 | 1 |
| 10 | Channel-Wise Predictive Filter Flow for Demosaicking. Journal of Signal Processing, 2020, 24, 187-190. | 0.3 | 1 |
| 11 | Progressive image transmission based on image spatio-temporal decomposition by sigma-delta cellular neural network. Nonlinear Theory and Its Applications IEICE, 2022, 13, 264-270. | 0.6 | 1 |
| 12 | A path searching method based on circuit analysis for nonlinear resistive networks. , 2007, , . | | 0 |
| 13 | Nonlinear synaptic Neural Network for Maximum Flow problems. , 2009, , . | | 0 |
| 14 | Deep Demosaicking with Luminance and Chrominance Estimations. Journal of Signal Processing, 2021, 25, 263-268. | 0.3 | 0 |
| 15 | Predictive Filter Flow Network for Universal Demosaicking. Journal of Signal Processing, 2021, 25, 257-261. | 0.3 | 0 |
| 16 | Filter-Flow-Based Bit-Depth Expansion. Journal of Signal Processing, 2022, 26, 115-118. | 0.3 | 0 |