# Akira Sasou

List of Publications by Year
in descending order

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|---|---|---|---|
| **18** papers | **104** citations | 1937685<br>**4** h-index | 1588992<br>**8** g-index |
| **20** all docs | **20** docs citations | **20** times ranked | **43** citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | AURORA-2J: An Evaluation Framework for Japanese Noisy Speech Recognition. IEICE Transactions on Information and Systems, 2005, E88-D, 535-544. | 0.7 | 49 |
| 2 | HMM-based noise-robust feature compensation. Speech Communication, 2006, 48, 1100-1111. | 2.8 | 12 |
| 3 | Noise Robust Speech Recognition Applied to Voice-Driven Wheelchair. Eurasip Journal on Advances in Signal Processing, 2009, 2009, . | 1.7 | 9 |
| 4 | Speech Emotion and Naturalness Recognitions With Multitask and Single-Task Learnings. IEEE Access, 2022, 10, 72381-72387. | 4.2 | 9 |
| 5 | Head-Orientation-Estimation-Integrated Speech Recognition for the Smart-Chair. , 2008, , . | | 4 |
| 6 | Glottal inverse filtering by combining a constrained LP and an HMM-based generative model of glottal flow derivative. Speech Communication, 2018, 104, 113-128. | 2.8 | 3 |
| 7 | Noise robust speech recognition for voice driven wheelchair. , 0, , . | | 3 |
| 8 | Deep Residual Learning With Dilated Causal Convolution Extreme Learning Machine. IEEE Access, 2021, 9, 165708-165718. | 4.2 | 3 |
| 9 | A waveform generation model-based approach for segregation of monaural mixed sound. Signal Processing, 2003, 83, 561-574. | 3.7 | 2 |
| 10 | Voice-pathology analysis based on AR-HMM. , 2016, , . | | 2 |
| 11 | Automatic topology generation of glottal source HMM. , 0, , . | | 2 |
| 12 | Acoustic based abnormal event detection using robust feature compensation. , 2011, , . | | 1 |
| 13 | Acoustic surveillance based on Higher-order Local Auto-Correlation. , 2011, , . | | 1 |
| 14 | Acoustic novelty detection based on AHLAC and NMF. , 2012, , . | | 1 |
| 15 | Powered wheelchair control using acoustic-based recognition of head gesture accompanying speech. , 0, , . | | 1 |
| 16 | Development of a 3D pointing voice interface using a three-axis microphone array. , 2009, , . | | 0 |
| 17 | Activity recognition support for the severely disabled by using inarticulate speech. Journal of Life Support Engineering, 2005, 17, 136-136. | 0.0 | 0 |
| 18 | Acoustic-based recognition of head gestures accompanying speech. , 0, , . | | 0 |