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## Journal articles

1. [Linearly-Involved Moreau-Enhanced-Over-Subspace Model: Debiased Sparse Modeling and Stable Outlier-Robust Regression](#)

Masahiro Yukawa, Hiroyuki Kaneko, **Kyohei Suzuki**, and Isao Yamada

IEEE Trans. Signal Processing, vol.71, pp. 1232--1247, 2023

2. [Sparse Stable Outlier-Robust Signal Recovery Under Gaussian Noise](#)

**Kyohei Suzuki** and Masahiro Yukawa

IEEE Trans. Signal Processing, vol.71, pp. 372--387, 2023

3. [Robust Recovery of Jointly-Sparse Signals Using Minimax Concave Loss Function](#)

**Kyohei Suzuki** and Masahiro Yukawa

IEEE Trans. Signal Processing, vol.69, pp. 669--681, 2021 (Publication: December 2020)

## Peer-Reviewed Conference Proceedings

1. External Division of Two Proximity Operators: An Application to Signal Recovery with Structured Sparsity

**Kyohei Suzuki** and Masahiro Yukawa

in Proceedings of IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), April 2024, Seoul, Korea, to be presented.

2. [Stable Robust Regression under Sparse Outlier and Gaussian Noise](#)

Masahiro Yukawa, **Kyohei Suzuki**, Isao Yamada

in Proceedings of European Signal Processing Conference (EUSIPCO), pp.2236--2240, August--September 2022

3. [Sparse Stable Outlier-Robust Regression with Minimax Concave Function](#)

**Kyohei Suzuki** and Masahiro Yukawa

in Proceedings of IEEE International Workshop on Machine Learning for Signal Processing (MLSP), 6 pages, August 2022

4. [On Grouping Effect of Sparse Stable Outlier-Robust Regression](#)

**Kyohei Suzuki** and Masahiro Yukawa

in Proceedings of IEEE International Workshop on Machine Learning for Signal Processing (MLSP), 6 pages, August 2022

5. [Robust Jointly-Sparse Signal Recovery Based on Minimax Concave Loss Function](#)

**Kyohei Suzuki** and Masahiro Yukawa

in Proceedings of European Signal Processing Conference (EUSIPCO), pp. 2070--2074, January 2021

## Non-Peer-Reviewed Articles

1. Debiased Estimation of Signals with Structured Sparsity Based on External Division of Two Proximity Operators

**Kyohei Suzuki** and Masahiro Yukawa

Proc. IEICE Signal Processing Symposium, 6 pages, Kyoto, Japan, Nov. 2023.

## 2. Multiscale Manifold Clustering and Embedding with Multiple Kernels

**Kyohei Suzuki** and Masahiro Yukawa

Proc. Technical Report of IEICE, pp.276--281, Okinawa, Mar. 2023

## 3. Sparse Stable Outlier-Robust Regression Using Minimax Concave Function

**Kyohei Suzuki** and Masahiro Yukawa

Proc. IEICE Signal Processing Symposium, pp.96--101, Zoom (fully virtual), Nov. 2021

## 4. A Robust Approach to Jointly-Sparse Signal Recovery Based on Minimax Concave Loss Function

**Kyohei Suzuki** and Masahiro Yukawa

Proc. Technical Report of IEICE, vol. 119, no. 440, IEICE-SIP2019-124, pp. 123--128, Okinawa (Conference cancelled), Mar. 2020