# Amir Adler

## List of Publications by Year in descending order

| | | | |
|---|---|---|---|
| 30<br>papers | 1,031<br>citations | 840776<br>11<br>h-index | 642732<br>23<br>g-index |
| 30<br>all docs | 30<br>docs citations | 30<br>times ranked | 904<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Detection of the Number of Signals in Uniform Arrays by Invariant-Signal-Subspace Matching. IEEE Transactions on Signal Processing, 2022, 70, 1270-1281. | 5.3 | 10 |
| 2 | Detection of the Number of Exponentials by Invariant-Signal-Subspace Matching. IEEE Transactions on Information Theory, 2022, 68, 4892-4900. | 2.4 | 1 |
| 3 | Brain Source Localization by Alternating Projection. , 2022, , . | | 4 |
| 4 | Character-level HyperNetworks for Hate Speech Detection. Expert Systems With Applications, 2022, 205, 117571. | 7.6 | 3 |
| 5 | Direction of arrival estimation in the presence of model errors by signal subspace matching. Signal Processing, 2021, 181, 107900. | 3.7 | 9 |
| 6 | Detection of the Number of Signals by Signal Subspace Matching. IEEE Transactions on Signal Processing, 2021, 69, 973-985. | 5.3 | 33 |
| 7 | Deep Learning for Seismic Inverse Problems: Toward the Acceleration of Geophysical Analysis Workflows. IEEE Signal Processing Magazine, 2021, 38, 89-119. | 5.6 | 65 |
| 8 | Towards Hate Speech Detection at Large via Deep Generative Modeling. IEEE Internet Computing, 2021, 25, 48-57. | 3.3 | 23 |
| 9 | Localization of Multiple Sources in the Presence of Model Errors by Total Least Squares. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 1949-1955. | 4.7 | 6 |
| 10 | MEG Source Localization via Deep Learning. Sensors, 2021, 21, 4278. | 3.8 | 16 |
| 11 | Subspace-Constrained Array Response Estimation in the Presence of Model Errors. IEEE Transactions on Signal Processing, 2021, 69, 417-427. | 5.3 | 1 |
| 12 | Localization of multiple sources with known waveforms by array response matching. Signal Processing, 2020, 177, 107721. | 3.7 | 1 |
| 13 | Fast and Accurate Seismic Tomography via Deep Learning. Studies in Computational Intelligence, 2020, , 129-156. | 0.9 | 14 |
| 14 | Blind Constant Modulus Multiuser Detection via Low-Rank Approximation. IEEE Signal Processing Letters, 2019, 26, 1290-1294. | 3.6 | 6 |
| 15 | Constant modulus algorithms via low-rank approximation. Signal Processing, 2019, 160, 263-270. | 3.7 | 6 |
| 16 | Direct Localization by Partly Calibrated Arrays: A Relaxed Maximum Likelihood Solution. , 2019, , . | | 6 |
| 17 | Deep-learning tomography. The Leading Edge, 2018, 37, 58-66. | 0.7 | 374 |
| 18 | Compressed Learning for Image Classification: A Deep Neural Network Approach. Handbook of Numerical Analysis, 2018, 19, 3-17. | 1.8 | 25 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Constant Modulus Beamforming Via Low-Rank Approximation. , 2018, , . | | 2 |
| 20 | Block-based compressed sensing of images via deep learning. , 2017, , . | | 43 |
| 21 | Covariance-Assisted Matching Pursuit. IEEE Signal Processing Letters, 2016, 23, 149-153. | 3.6 | 8 |
| 22 | Sparse Coding with Anomaly Detection. Journal of Signal Processing Systems, 2015, 79, 179-188. | 2.1 | 77 |
| 23 | Linear-Time Subspace Clustering via Bipartite Graph Modeling. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2234-2246. | 11.3 | 31 |
| 24 | Sparse coding with anomaly detection. , 2013, , . | | 21 |
| 25 | Probabilistic Subspace Clustering Via Sparse Representations. IEEE Signal Processing Letters, 2013, 20, 63-66. | 3.6 | 28 |
| 26 | Audio Inpainting. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 922-932. | 3.2 | 156 |
| 27 | A constrained matching pursuit approach to audio declipping. , 2011, , . | | 37 |
| 28 | A weighted discriminative approach for image denoising with overcomplete representations. , 2010, , . | | 7 |
| 29 | A Shrinkage Learning Approach for Single Image Super-Resolution with Overcomplete Representations. Lecture Notes in Computer Science, 2010, , 622-635. | 1.3 | 14 |
| 30 | A carrier-grade wireless lan network implementation [application notes]. IEEE Microwave Magazine, 2008, 9, 108-119. | 0.8 | 4 |