Aykut Koç

List of Publications by Year
in descending order

16 papers	189 citations	1307594 7 h-index	1125743 13 g-index
16 all docs	16 docs citations	16 times ranked	156 citing authors

#	Article	IF	Citations
1	Multi-Label Sentiment Analysis on 100 Languages With Dynamic Weighting for Label Imbalance. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 331-343.	11.3	10
2	Gender bias in legal corpora and debiasing it. Natural Language Engineering, 2023, 29, 449-482.	2.5	6
3	Learning interpretable word embeddings via bidirectional alignment of dimensions with semantic concepts. Information Processing and Management, 2022, 59, 102925.	8.6	5
4	Imparting interpretability to word embeddings while preserving semantic structure. Natural Language Engineering, 2021, 27, 721-746.	2.5	7
5	Discrete scaling based on operator theory. , 2021, 108, 102904.		2
6	Graph Signal Processing: Vertex Multiplication. IEEE Signal Processing Letters, 2021, 28, 1270-1274.	3.6	2
7	Optimal Fractional Fourier Filtering for Graph Signals. IEEE Transactions on Signal Processing, 2021, 69, 2902-2912.	5.3	10
8	Operator theory-based computation of linear canonical transforms. Signal Processing, 2021, 189, 108291.	3.7	2
9	Semantic Change Detection with Gaussian Word Embeddings. IEEE/ACM Transactions on Audio Speech and Language Processing, 2021, , 1-1.	5.8	2
10	Factorized sensitivity estimation for artifact suppression in phase‑cycled bSSFP MRI. NMR in Biomedicine, 2020, 33, e4228.	2.8	3
11	Operator theory-based discrete fractional Fourier transform. Signal, Image and Video Processing, 2019, 13, 1461-1468.	2.7	3
12	Discrete Linear Canonical Transform Based on Hyperdifferential Operators. IEEE Transactions on Signal Processing, 2019, 67, 2237-2248.	5.3	25
13	Statistically Segregated k-Space Sampling for Accelerating Multiple-Acquisition MRI. IEEE Transactions on Medical Imaging, 2019, 38, 1701-1714.	8.9	17
14	Deep iterative reconstruction for phase retrieval. Applied Optics, 2019, 58, 5422.	1.8	32
15	Resolution enhancement of wide-field interferometric microscopy by coupled deep autoencoders. Applied Optics, 2018, 57, 2545.	1.8	7
16	Semantic Structure and Interpretability of Word Embeddings. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 1769-1779.	5.8	56