

# Ali Akbari

## List of Publications by Year in descending order

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181  
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#	ARTICLE	IF	CITATIONS
1	RAGe: Robust Age Estimation Through Subject Anchoring With Consistency Regularisation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2024, 46, 1603-1617.	13.9	1
2	A Theoretical Insight Into the Effect of Loss Function for Deep Semantic-Preserving Learning. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 119-133.	11.3	4
3	Distribution Cognisant Loss for Cross-Database Facial Age Estimation With Sensitivity Analysis. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 1869-1887.	13.9	17
4	A Novel Ground Metric for Optimal Transport-Based Chronological Age Estimation. IEEE Transactions on Cybernetics, 2022, 52, 9986-9999.	9.5	11
5	Developing a generic framework for anomaly detection. Pattern Recognition, 2022, 124, 108500.	8.1	9
6	Face spoofing detection ensemble via multistage optimisation and pruning. Pattern Recognition Letters, 2022, 158, 1-8.	4.2	9
7	A Flatter Loss for Bias Mitigation in Cross-dataset Facial Age Estimation. , 2021, , .		6
8	Compressive Imaging Using RIP-Compliant CMOS Imager Architecture and Landweber Reconstruction. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 387-399.	8.3	14
9	Joint Sparse Learning With Nonlocal and Local Image Priors for Image Error Concealment. IEEE Transactions on Circuits and Systems for Video Technology, 2020, 30, 2559-2574.	8.3	17
10	Exploiting Deep Learning in Limited-Fronthaul Cell-Free Massive MIMO Uplink. IEEE Journal on Selected Areas in Communications, 2020, 38, 1678-1697.	14.0	52
11	Resolution Invariant Face Recognition Using a Distillation Approach. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 410-420.	4.4	23
12	Deep Learning-Aided Finite-Capacity Fronthaul Cell-Free Massive MIMO with Zero Forcing. , 2020, , .		10
13	Sensitivity of Age Estimation Systems to Demographic Factors and Image Quality: Achievements and Challenges. , 2020, , .		6
14	Robust Image Reconstruction for Block-Based Compressed Sensing Using a Binary Measurement Matrix. , 2018, , .		9
15	Sparse Recovery-Based Error Concealment. IEEE Transactions on Multimedia, 2017, 19, 1339-1350.	7.2	27
16	Joint-domain dictionary learning-based error concealment using common space mapping. , 2017, , .		10
17	Image error concealment based on joint sparse representation and non-local similarity. , 2017, , .		5
18	Image error concealment using sparse representations over a trained dictionary. , 2016, , .		10

#	ARTICLE	IF	CITATIONS
19	Image compression using adaptive sparse representations over trained dictionaries. , 2016, , .		9
20	On the Application of Dictionary Learning to Image Compression. , 0, , .		3