

Parham Aarabi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

726
citations

759233

12
h-index

996975

15
g-index

38
all docs

38
docs citations

38
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	The Fusion of Distributed Microphone Arrays for Sound Localization. Eurasip Journal on Advances in Signal Processing, 2003, 2003, 1.	1.7	92
2	Phase-Based Dual-Microphone Robust Speech Enhancement. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 1763-1773.	5.0	88
3	Real-time face detection and lip feature extraction using field-programmable gate arrays. IEEE Transactions on Systems, Man, and Cybernetics, 2006, 36, 902-912.	5.0	74
4	Robust sound localization using multi-source audiovisual information fusion. Information Fusion, 2001, 2, 209-223.	19.1	65
5	FLoSS: Facility location for subspace segmentation. , 2009, , .		56
6	Adversarial Attacks on Face Detectors Using Neural Net Based Constrained Optimization. , 2018, , .		51
7	Acoustic robot navigation using distributed microphone arrays. Information Fusion, 2004, 5, 131-140.	19.1	45
8	Evaluating real-time audio localization algorithms for artificial audition in robotics. , 2009, , .		34
9	A new procedure, free from human assessment that automatically grades some facial skin structural signs. Comparison with assessments by experts, using referential atlases of skin ageing. International Journal of Cosmetic Science, 2019, 41, 67-78.	2.6	33
10	Low-Power Dual-Microphone Speech Enhancement Using Field Programmable Gate Arrays. IEEE Transactions on Signal Processing, 2007, 55, 3526-3535.	5.3	24
11	Post Recognition Speech Localization. Journal of Sol-Gel Science and Technology, 1997, 8, 173-180.	2.4	23
12	Robust sound localization using conditional timeâ€“frequency histograms. Information Fusion, 2003, 4, 111-122.	19.1	20
13	Phase-Based Dual-Microphone Speech Enhancement Using A Prior Speech Model. IEEE Transactions on Audio Speech and Language Processing, 2007, 15, 109-118.	3.2	20
14	The continuous development of a complete and objective automatic grading system of facial signs from selfie pictures: Asian validation study and application to women of three ethnic origins, differently aged. Skin Research and Technology, 2021, 27, 183-190.	1.6	20
15	Robust speech processing using multi-sensor multi-source information fusionâ€“an overview of the state of the art. Information Fusion, 2004, 5, 77-80.	19.1	13
16	The fusion of visual lip movements and mixed speech signals for robust speech separation. Information Fusion, 2004, 5, 103-117.	19.1	9
17	Variational Probabilistic Speech Separation Using Microphone Arrays. IEEE Transactions on Audio Speech and Language Processing, 2007, 15, 135-149.	3.2	8
18	Comparing the self-perceived effects of a facial anti-aging product to those automatically detected from selfie images of Chinese women of different ages and cities. Skin Research and Technology, 2021, 27, 880-890.	1.6	8

#	ARTICLE	IF	CITATIONS
19	<title>Robust speech separation using visually constructed speech signals</title>. , 2002, , .		6
20	<title>Application of spatial likelihood functions to multicamera object localization</title>. , 2001, , .		4
21	<title>Robust multisource sound localization using temporal power fusion</title>. , 2001, 4385, 255.		4
22	Importance of Feature Locations in Bag-of-Words Image Classification. , 2007, , .		4
23	Rotation Invariance in Images. , 2007, , .		4
24	Fourier-based Rotation Invariant image features. , 2009, , .		4
25	Multi-channel heart-beat detection. , 2013, , .		4
26	Virtual cardiologist — A conversational system for medical diagnosis. , 2013, , .		3
27	Relational Social Image Search. , 2013, , .		3
28	A Novel Interface for Audio Search. , 2006, , .		2
29	<title>Equivalency of Bayesian multisensor information fusion and neural networks</title>. , 2001, 4385, 67.		1
30	Post Recognition Speech Localization. International Journal of Speech Technology, 2005, 8, 173-180.	2.2	1
31	Automated audience polling on iPhone. , 2013, , .		1
32	Skin lens: Skin assessment video filters. , 2014, , .		1
33	Mobile circular keyboards. , 2014, , .		1
34	The relation between speech segment selectivity and source localization accuracy. , 2002, , .		0
35	Extracting deep social relationships from photos. , 2014, , .		0
36	Information theoretic design of space-constrained touch-based user interfaces. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
37	Quantitative Evaluation of Hair Texture. , 2015, , .		0
38	Empirical mode decomposition analysis of alcohol withdrawal tremor signals. , 2016, , .		0