

Thierry Pun

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

3,899
citations

331538

21
h-index

243529

44
g-index

66
all docs

66
docs citations

66
times ranked

2474
citing authors

#	ARTICLE	IF	CITATIONS
1	A Comparative Survey of Methods for Remote Heart Rate Detection From Frontal Face Videos. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 33.	2.0	64
2	Recognizing induced emotions of movie audiences: Are induced and perceived emotions the same?. , 2017, , .		32
3	Multiple users' emotion recognition: Improving performance by joint modeling of affective reactions. , 2017, , .		7
4	Toolbox for Emotional feAture extraction from Physiological signals (TEAP). <i>Frontiers in ICT</i> , 2017, 4, .	3.6	54
5	Best of affective computing and intelligent interaction 2013 in multimodal interactions. <i>Journal on Multimodal User Interfaces</i> , 2015, 9, 1-2.	2.0	6
6	See CoLOr: an extended sensory substitution device for the visually impaired. <i>Journal of Assistive Technologies</i> , 2014, 8, 77-94.	0.9	9
7	Multimodal Emotion Recognition in Response to Videos. <i>IEEE Transactions on Affective Computing</i> , 2012, 3, 211-223.	5.7	496
8	Real-Time Image Registration of RGB Webcams and Colorless 3D Time-of-Flight Cameras. <i>Lecture Notes in Computer Science</i> , 2012, , 589-592.	1.0	0
9	Continuous emotion detection in response to music videos. , 2011, , .		50
10	Toward local and global perception modules for vision substitution. <i>Neurocomputing</i> , 2011, 74, 1182-1190.	3.5	13
11	Queries and tags in affect-based multimedia retrieval. , 2009, , .		34
12	AFFECTIVE CHARACTERIZATION OF MOVIE SCENES BASED ON CONTENT ANALYSIS AND PHYSIOLOGICAL CHANGES. <i>International Journal of Semantic Computing</i> , 2009, 03, 235-254.	0.4	49
13	Short-term emotion assessment in a recall paradigm. <i>International Journal of Human Computer Studies</i> , 2009, 67, 607-627.	3.7	297
14	A collaborative personalized affective video retrieval system. , 2009, , .		15
15	A Bayesian framework for video affective representation. , 2009, , .		51
16	Simultaneous exploitation of explicit and implicit tags in affect-based multimedia retrieval. , 2009, , .		2
17	Affective ranking of movie scenes using physiological signals and content analysis. , 2008, , .		64
18	Affective Characterization of Movie Scenes Based on Multimedia Content Analysis and User's Physiological Emotional Responses. , 2008, , .		69

#	ARTICLE	IF	CITATIONS
19	Transforming 3D Coloured Pixels into Musical Instrument Notes for Vision Substitution Applications. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-14.	1.7	24
20	Image and Video Processing for Visually Handicapped People. Eurasip Journal on Image and Video Processing, 2007, 2007, 1-12.	1.7	20
21	Valence-arousal evaluation using physiological signals in an emotion recall paradigm. , 2007, , .		76
22	EEG-Based Synchronized Brain-Computer Interfaces: A Model for Optimizing the Number of Mental Tasks. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2007, 15, 50-58.	2.7	59
23	Information-theoretic temporal segmentation of video and applications: multiscale keyframes selection and shot boundaries detection. Multimedia Tools and Applications, 2006, 30, 273-288.	2.6	23
24	Multilevel 2-D Bar Codes: Toward High-Capacity Storage Modules for Multimedia Security and Management. IEEE Transactions on Information Forensics and Security, 2006, 1, 405-420.	4.5	59
25	Brain-computer interaction research at the computer vision and multimedia laboratory, University of Geneva. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2006, 14, 210-213.	2.7	44
26	Towards geometrically robust data-hiding with structured codebooks. Multimedia Systems, 2005, 11, 121-132.	3.0	2
27	Soft/hard focalization in the EEG inverse problem. , 2005, , .		3
28	Learning from User Behavior in Image Retrieval: Application of Market Basket Analysis. International Journal of Computer Vision, 2004, 56, 65-77.	10.9	44
29	<title>Interactive segmentation with hidden object-based annotations: toward smart media</title>. , 2003, , .		6
30	Metadata Representation for Semantic-Based Multimedia Security and Management. Lecture Notes in Computer Science, 2003, , 769-778.	1.0	2
31	<title>Method for the estimation and recovering from general affine transforms in digital watermarking applications</title>. , 2002, 4675, 313.		46
32	A Comparison of Three Nonvisual Methods for Presenting Scientific Graphs. Journal of Visual Impairment and Blindness, 2002, 96, 420-428.	0.4	15
33	The Truth about Corel - Evaluation in Image Retrieval. Lecture Notes in Computer Science, 2002, , 38-49.	1.0	100
34	Evaluating image browsers using structured annotation. Journal of the Association for Information Science and Technology, 2001, 52, 961-968.	2.6	1
35	<title>Optimal adaptive diversity watermarking with channel state estimation</title>. , 2001, , .		23
36	Performance evaluation in content-based image retrieval: overview and proposals. Pattern Recognition Letters, 2001, 22, 593-601.	2.6	431

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37	Second Generation Benchmarking and Application Oriented Evaluation. Lecture Notes in Computer Science, 2001, , 340-353.	1.0	128
38	Content-based query of image databases: inspirations from text retrieval. Pattern Recognition Letters, 2000, 21, 1193-1198.	2.6	130
39	An iterative template matching algorithm using the Chirp-Z transform for digital image watermarking. Pattern Recognition, 2000, 33, 173-175.	5.1	27
40	<title>Countermeasures for unintentional and intentional video watermarking attacks</title>. , 2000, , .		19
41	Fast Robust Template Matching for Affine Resistant Image Watermarks. Lecture Notes in Computer Science, 2000, , 199-210.	1.0	50
42	A Bayesian Approach to Affine Transformation Resistant Image and Video Watermarking. Lecture Notes in Computer Science, 2000, , 270-285.	1.0	19
43	<title>Robust 3D DFT video watermarking</title>. , 1999, , .		98
44	<title>Secure robust digital watermarking using the lapped orthogonal transform</title>. , 1999, 3657, 21.		22
45	<title>Efficient access methods for content-based image retrieval with inverted files</title>. , 1999, , .		17
46	<title>Hunting moving targets: extension to Bayesian methods in multimedia databases</title>. , 1999, , .		8
47	Rotation, scale and translation invariant spread spectrum digital image watermarking. Signal Processing, 1998, 66, 303-317.	2.1	665
48	Secure Copyright Protection Techniques for Digital Images. Lecture Notes in Computer Science, 1998, , 169-190.	1.0	64
49	Projective and illumination invariant representation of disjoint shapes. Lecture Notes in Computer Science, 1998, , 264-280.	1.0	4
50	Asynchronous Perceptual Grouping: From Contours to Relevant 2-D Structures. Computer Vision and Image Understanding, 1997, 66, 1-24.	3.0	11
51	Statistical structuring of pictorial databases for content-based image retrieval systems. Pattern Recognition Letters, 1996, 17, 1299-1310.	2.6	14
52	Image analysis and computer vision in medicine. Computerized Medical Imaging and Graphics, 1994, 18, 85-96.	3.5	29
53	Asynchrony in image analysis: using the luminance-to-response-latency relationship to improve segmentation. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 1994, 11, 1720.	0.8	14
54	LABOIMAGE: AN EXPERIMENTAL WINDOW-BASED ENVIRONMENT FOR TEACHING AND RESEARCH IN IMAGE ANALYSIS. Series in Machine Perception and Artificial Intelligence, 1994, , 89-106.	0.1	1

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55	Temporal precedence in asynchronous visual indexing. Lecture Notes in Computer Science, 1993, , 468-475.	1.0	3
56	<title>Labolmage: portable window-based environment for research in image processing and analysis</title>. , 1992, , .		5
57	<title>Probabilistic approach to 3-D inference of geons from a 2-D view</title>. , 1992, , .		8
58	Colour displays and look-up tables: Real time modification of digital images. Computerized Medical Imaging and Graphics, 1991, 15, 73-84.	3.5	11
59	Labolmage: a workstation environment for research in image processing and analysis. Bioinformatics, 1991, 7, 225-232.	1.8	6
60	Relationships between Image Synthesis and Analysis Towards Unification?. Computer Graphics Forum, 1990, 9, 149-163.	1.8	9
61	Weighted least squares estimation of background in EELS imaging. Journal of Microscopy, 1985, 137, 93-100.	0.8	19
62	Application of simulated poisson statistical processes to stem imaging. Signal Processing, 1985, 8, 51-62.	2.1	4
63	Computer automated lanes detection and profiles evaluation of one-dimensional gel electrophoretic autoradiograms. Electrophoresis, 1985, 6, 268-274.	1.3	8
64	Optimized acquisition parameters and statistical detection limit in quantitative EELS. Journal of Microscopy, 1984, 135, 295-316.	0.8	17