Sebastiano Battiato

List of Publications by Year
in descending order

265 papers	**3,885** citations	212478 **28** h-index	274796 **44** g-index
279 all docs	**279** docs citations	**279** times ranked	**2787** citing authors

#	Article	IF	Citations
1	Methods, Developments, and Technological Innovations for Population Surveys. Social Science Computer Review, 2022, 40, 994-1013.	2.6	5
2	Advanced eNose-Driven Pedestrian Tracking Pipeline for Intelligent Car Driver Assisting System: Preliminary Results. Sensors, 2022, 22, 674.	2.1	2
3	Development of a Web-App for the Ecological Momentary Assessment of Dietary Habits among College Students: The HEALTHY-UNICT Project. Nutrients, 2022, 14, 330.	1.7	17
4	Transfer Learning via Test-time Neural Networks Aggregation. , 2022, , .		1
5	Advanced Assisted Car Driving in Low-light Scenarios. , 2022, , .		0
6	Objects Motion Detection in Domain-adapted Assisted Driving. , 2022, , .		0
7	Towards anÂEfficient Facial Image Compression withÂNeural Networks. Lecture Notes in Computer Science, 2022, , 512-523.	1.0	0
8	User-Biased Food Recognition forÂHealth Monitoring. Lecture Notes in Computer Science, 2022, , 98-108.	1.0	1
9	Fooling a Face Recognition System with a Marker-Free Label-Consistent Backdoor Attack. Lecture Notes in Computer Science, 2022, , 176-185.	1.0	0
10	Deepfake Style Transfer Mixture: A First Forensic Ballistics Study onÂSynthetic Images. Lecture Notes in Computer Science, 2022, , 151-163.	1.0	0
11	Deep Learning Sobriety Monitoring System in Road-driven Car Driving Risk Assessment Pipeline. , 2022, , .		0
12	Exploiting objective text description of images for visual sentiment analysis. Multimedia Tools and Applications, 2021, 80, 22323-22346.	2.6	16
13	EgoCart: A Benchmark Dataset for Large-Scale Indoor Image-Based Localization in Retail Stores. IEEE Transactions on Circuits and Systems for Video Technology, 2021, 31, 1253-1267.	5.6	12
14	Pollen Grain Classification Challenge 2020. Lecture Notes in Computer Science, 2021, , 469-479.	1.0	2
15	Deep Visio-PhotoPlethysmoGraphy Reconstruction Pipeline for Non-invasive Cuff-less Blood Pressure Estimation. , 2021, , .		0
16	Anticipating Activity from Multimodal Signals. , 2021, , .		1
17	In-Depth DCT Coefficient Distribution Analysis for First Quantization Estimation. Lecture Notes in Computer Science, 2021, , 573-587.	1.0	1
18	First Quantization Estimation by a Robust Data Exploitation Strategy of DCT Coefficients. IEEE Access, 2021, 9, 73110-73120.	2.6	7

#	Article	IF	Citations
19	Advanced Car Driving Assistant System: A Deep Non-local Pipeline Combined with 1D Dilated CNN for Safety Driving. , 2021, , .		1
20	Advanced Temporal Dilated Convolutional Neural Network for a Robust Car Driver Identification. Lecture Notes in Computer Science, 2021, , 184-199.	1.0	0
21	Real-Time Deep Neuro-Vision Embedded Processing System for Saliency-based Car Driving Safety Monitoring. , 2021, , .		9
22	Estimating Previous Quantization Factors on Multiple JPEG Compressed Images. Eurasip Journal on Information Security, 2021, 2021, .	2.4	2
23	Deep Neuro-Vision Embedded Architecture for Safety Assessment in Perceptive Advanced Driver Assistance Systems: The Pedestrian Tracking System Use-Case. Frontiers in Neuroinformatics, 2021, 15, 667008.	1.3	7
24	Advanced Densely Connected System with Embedded Spatio-Temporal Features Augmentation for Immunotherapy Assessment. , 2021, , .		0
25	Fighting Deepfakes by Detecting GAN DCT Anomalies. Journal of Imaging, 2021, 7, 128.	1.7	39
26	A Robust Document Identification Framework through f-BP Fingerprint. Journal of Imaging, 2021, 7, 126.	1.7	1
27	A Benchmark Evaluation of Adaptive Image Compression for Multi Picture Object Stereoscopic Images. Journal of Imaging, 2021, 7, 160.	1.7	1
28	Semi-Supervised Domain Adaptation for Holistic Counting under Label Gap. Journal of Imaging, 2021, 7, 198.	1.7	0
29	Advanced Deep Network with Attention and Genetic-Driven Reinforcement Learning Layer for an Efficient Cancer Treatment Outcome Prediction. , 2021, , .		0
30	A survey on human-aware robot navigation. Robotics and Autonomous Systems, 2021, 145, 103837.	3.0	41
31	Food Recognition for Dietary Monitoring during Smoke Quitting. , 2021, , .		4
32	Computational Data Analysis for First Quantization Estimation on JPEG Double Compressed Images. , 2021, , .		0
33	Defamation 2.0: New Threats in Digital Media Era - An Overview on Forensics Approaches in the Social Network Ecosystem. , 2021, , .		0
34	Advanced Non-linear Generative Model with a Deep Classifier for Immunotherapy Outcome Prediction: A Bladder Cancer Case Study. Lecture Notes in Computer Science, 2021, , 227-242.	1.0	3
35	Fine-Grained Image Classification for Pollen Grain Microscope Images. Lecture Notes in Computer Science, 2021, , 341-351.	1.0	2
36	Gradient Reversal Domain Adaptation Pipeline in Advanced Driver Assistance Systems. , 2021, , .		0

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37	Intelligent Road Surface Categorization for Self-Adaptive Driving Assistance Systems. , 2021, , .		1
38	Intelligent Saliency-based Deep Pedestrian Tracking System for Advanced Driving Assistance. , 2021, , .		3
39	EGO-CH: Dataset and fundamental tasks for visitors behavioral understanding using egocentric vision. Pattern Recognition Letters, 2020, 131, 150-157.	2.6	25
40	Single Architecture and Multiple task deep Neural Network for Altered Fingerprint Analysis. , 2020, , .		3
41	Modeling the Novel Coronavirus (SARS-CoV-2) Outbreak in Sicily, Italy. International Journal of Environmental Research and Public Health, 2020, 17, 4964.	1.2	25
42	Detection and Classification of Pollen Grain Microscope Images. , 2020, , .		18
43	DeepFake Detection by Analyzing Convolutional Traces. , 2020, , .		108
44	POLLEN13K: A Large Scale Microscope Pollen Grain Image Dataset. , 2020, , .		12
45	Fighting Deepfake by Exposing the Convolutional Traces on Images. IEEE Access, 2020, 8, 165085-165098.	2.6	47
46	Survey on visual sentiment analysis. IET Image Processing, 2020, 14, 1440-1456.	1.4	50
47	3D Non-Local Neural Network: A Non-Invasive Biomarker for Immunotherapy Treatment Outcome Prediction. Case-Study: Metastatic Urothelial Carcinoma. Journal of Imaging, 2020, 6, 133.	1.7	11
48	Animated Gif Optimization By Adaptive Color Local Table Management. , 2020, , .		0
49	Estimation of Unreported Novel Coronavirus (SARS-CoV-2) Infections from Reported Deaths: A Susceptible–Exposed–Infectious–Recovered–Dead Model. Journal of Clinical Medicine, 2020, 9, 1350.	1.0	46
50	SceneAdapt: Scene-based domain adaptation for semantic segmentation using adversarial learning. Pattern Recognition Letters, 2020, 136, 175-182.	2.6	12
51	A Report on Smoking Detection and Quitting Technologies. International Journal of Environmental Research and Public Health, 2020, 17, 2614.	1.2	20
52	Car-Driver Drowsiness Monitoring by Multi-layers Deep Learning Framework and Motion Analysis. Lecture Notes in Electrical Engineering, 2020, , 169-175.	0.3	4
53	Advanced 1D Temporal Deep Dilated Convolutional Embedded Perceptual System for Fast Car-Driver Drowsiness Monitoring. , 2020, , .		7
54	Deep Bio-Sensing Embedded System for a Robust Car-Driving Safety Assessment. , 2020, , .		1

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55	Innovative Saliency based Deep Driving Scene Understanding System for Automatic Safety Assessment in Next-Generation Cars. , 2020, , .		4
56	Benchmarking of Computer Vision Algorithms for Driver Monitoring on Automotive-grade Devices. , 2020, , .		6
57	A review on food recognition technology for health applications. Anesthesia, Intensive Care and Pain in Neonates and Children, 2020, 8, 9297.	2.4	23
58	Estimation of unreported SARS-CoV-2 cases in Italy using a Susceptible-Exposed-Infectious-Recovered-Dead model. Journal of Global Health, 2020, 10, .	1.2	5
59	Estimation of unreported SARS-CoV-2 cases in Italy using a Susceptible-Exposed-Infectious-Recovered-Dead model. Journal of Global Health, 2020, 10, 021105.	1.2	5
60	Preliminary Forensics Analysis of DeepFake Images. , 2020, , .		17
61	A flexible virtual environment for autonomous driving agent-human interaction testing. , 2020, , .		1
62	Visual Saliency Detection guided by Neural Signals. , 2020, , .		6
63	Estimating the occupancy status of parking areas by counting cars and non-empty stalls. Journal of Visual Communication and Image Representation, 2019, 62, 234-244.	1.7	6
64	Egocentric visitors localization in natural sites. Journal of Visual Communication and Image Representation, 2019, 65, 102664.	1.7	4
65	A New Framework for Studying Tubes Rearrangement Strategies in Surveillance Video Synopsis. , 2019, , .		4
66	A New Study On Wood Fibers Textures: Documents Authentication Through LBP Fingerprint. , 2019, , .		6
67	Advanced Motion-Tracking System with Multi-Layers Deep Learning Framework for Innovative Car-Driver Drowsiness Monitoring. , 2019, , .		32
68	Egocentric Visitors Localization in Cultural Sites. Journal on Computing and Cultural Heritage, 2019, 12, 1-19.	1.2	24
69	Grid Trading System Robot (GTSbot): A Novel Mathematical Algorithm for trading FX Market. Applied Sciences (Switzerland), 2019, 9, 1796.	1.3	27
70	Advanced Markov-Based Machine Learning Framework for Making Adaptive Trading System. Computation, 2019, 7, 4.	1.0	27
71	Predicting Social Image Popularity Dynamics at Time Zero. IEEE Access, 2019, 7, 171691-171706.	2.6	9
72	Machine Learning for Quantitative Finance Applications: A Survey. Applied Sciences (Switzerland), 2019, 9, 5574.	1.3	74

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73	Leveraging Uncertainty to Rethink Loss Functions and Evaluation Measures for Egocentric Action Anticipation. Lecture Notes in Computer Science, 2019, , 389-405.	1.0	19
74	1-D DCT Domain Analysis for JPEG Double Compression Detection. Lecture Notes in Computer Science, 2019, , 716-726.	1.0	14
75	Egocentric Point of Interest Recognition in Cultural Sites. , 2019, , .		6
76	Action Anticipation from Multimodal Data. , 2019, , .		3
77	Advanced Multi-neural System for Cuff-less Blood Pressure Estimation through Nonlinear HC-features. , 2019, , .		4
78	Generalised Gradient Vector Flow for Content-Aware Image Resizing. Lecture Notes in Computer Science, 2019, , 260-270.	1.0	0
79	Image Based Localization with Simulated Egocentric Navigations. , 2019, , .		4
80	Prediction of Social Image Popularity Dynamics. Lecture Notes in Computer Science, 2019, , 572-582.	1.0	2
81	The Impact of Padding on Image Classification by Using Pre-trained Convolutional Neural Networks. Lecture Notes in Computer Science, 2019, , 337-344.	1.0	4
82	Visitors Localization in Natural Sites Exploiting EgoVision and GPS. , 2019, , .		2
83	An Overview on Image Sentiment Analysis: Methods, Datasets and Current Challenges. , 2019, , .		15
84	On-board monitoring system for road traffic safety analysis. Computers in Industry, 2018, 98, 208-217.	5.7	28
85	Personal-location-based temporal segmentation of egocentric videos for lifelogging applications. Journal of Visual Communication and Image Representation, 2018, 52, 1-12.	1.7	27
86	3-D monitoring of rubble mound breakwater damages. Measurement: Journal of the International Measurement Confederation, 2018, 117, 347-364.	2.5	9
87	A Fast Palette Reordering Technique Based on GPU-Optimized Genetic Algorithms. , 2018, , .		5
88	Egocentric Shopping Cart Localization. , 2018, , .		10
89	Visual Sentiment Analysis Based on on Objective Text Description of Images. , 2018, , .		16
90	Evaluation of Levenberg–Marquardt neural networks and stacked autoencoders clustering for skin lesion analysis, screening and follow-up. IET Computer Vision, 2018, 12, 957-962.	1.3	27

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91	Advanced Bio-Inspired System for Noninvasive Cuff-Less Blood Pressure Estimation from Physiological Signal Analysis. Computation, 2018, 6, 46.	1.0	44
92	An Advanced Bio-Inspired PhotoPlethysmoGraphy (PPG) and ECG Pattern Recognition System for Medical Assessment. Sensors, 2018, 18, 405.	2.1	110
93	Market basket analysis from egocentric videos. Pattern Recognition Letters, 2018, 112, 83-90.	2.6	12
94	Low cost rototranslational video stabilization algorithm. Journal of Electronic Imaging, 2018, 27, 1.	0.5	2
95	Forensic analysis of handwritten documents with GRAPHJ. Journal of Electronic Imaging, 2018, 27, 1.	0.5	1
96	Forensic analysis of handwritten documents with GRAPHJ (Erratum). Journal of Electronic Imaging, 2018, 27, 1.	0.5	0
97	Distortion adaptive Sobel filters for the gradient estimation of wide angle images. Journal of Visual Communication and Image Representation, 2017, 46, 165-175.	1.7	18
98	Next-active-object prediction from egocentric videos. Journal of Visual Communication and Image Representation, 2017, 49, 401-411.	1.7	57
99	Recognizing Context for Privacy Preserving ofÂFirst Person Vision Image Sequences. Lecture Notes in Computer Science, 2017, , 580-590.	1.0	1
100	On the Exploitation of Hidden Markov Models to Improve Location-Based Temporal Segmentation of Egocentric Videos. , 2017, , .		2
101	Organizing egocentric videos of daily living activities. Pattern Recognition, 2017, 72, 207-218.	5.1	30
102	Affine Covariant Features for Fisheye Distortion Local Modeling. IEEE Transactions on Image Processing, 2017, 26, 696-710.	6.0	17
103	Advanced skin lesion discrimination pipeline for early melanoma cancer diagnosis towards PoC devices. , 2017, , .		13
104	Bio-Inspired Feed-Forward System for Skin Lesion Analysis, Screening and Follow-Up. Lecture Notes in Computer Science, 2017, , 399-409.	1.0	2
105	On the Estimation of Children's Poses. Lecture Notes in Computer Science, 2017, , 410-421.	1.0	10
106	A Classification Engine for Image Ballistics of Social Data. Lecture Notes in Computer Science, 2017, , 625-636.	1.0	33
107	A System for Autonomous Landing of a UAV onÂa Moving Vehicle. Lecture Notes in Computer Science, 2017, , 129-139.	1.0	11
108	Organizing Videos Streams for Clustering and Estimation of Popular Scenes. Lecture Notes in Computer Science, 2017, , 51-61.	1.0	1

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109	GRAPHJ: A Forensics Tool for Handwriting Analysis. Lecture Notes in Computer Science, 2017, , 591-601.	1.0	2
110	Organizing Egocentric Videos for Daily Living Monitoring. , 2016, , .		9
111	Multimedia Forensics. , 2016, , .		27
112	Food vs Non-Food Classification. , 2016, , .		23
113	Retrieval and classification of food images. Computers in Biology and Medicine, 2016, 77, 23-39.	3.9	87
114	Learning Approaches for Parking Lots Classification. Lecture Notes in Computer Science, 2016, , 410-418.	1.0	6
115	Recognizing Personal Locations From Egocentric Videos. IEEE Transactions on Human-Machine Systems, 2016, , 1-13.	2.5	13
116	Semantic segmentation of images exploiting DCT based features and random forest. Pattern Recognition, 2016, 52, 260-273.	5.1	62
117	Aligning shapes for symbol classification and retrieval. Multimedia Tools and Applications, 2016, 75, 5513-5531.	2.6	6
118	Temporal Segmentation of Egocentric Videos to Highlight Personal Locations of Interest. Lecture Notes in Computer Science, 2016, , 474-489.	1.0	17
119	The Social Picture. , 2016, , .		12
120	Egocentric Vision for Visual Market Basket Analysis. Lecture Notes in Computer Science, 2016, , 518-531.	1.0	2
121	RECfusion: Automatic Scene Clustering and Tracking in Videos from Multiple Sources. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-6.	0.3	2
122	Generalized Sobel Filters for gradient estimation of distorted images. , 2015, , .		7
123	Recognizing Personal Contexts from Egocentric Images. , 2015, , .		13
124	Exploiting time-multiplexing structured light with picoprojectors. , 2015, , .		0
125	Special Section Guest Editorial:Special Section on Ultrawide Context- and Content-Aware Imaging. Journal of Electronic Imaging, 2015, 24, 061201.	0.5	0
126	A new fast matching method for adaptive compression of stereoscopic images. , 2015, , .		1

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127	An integrated system for vehicle tracking and classification. Expert Systems With Applications, 2015, 42, 7263-7275.	4.4	45
128	The future of consumer cameras. , 2015, , .		1
129	Gender recognition: Methods, datasets and results. , 2015, , .		15
130	Selecting discriminative CLBP patterns for age estimation. , 2015, , .		6
131	Representing scenes for real-time context classification on mobile devices. Pattern Recognition, 2015, 48, 1086-1100.	5.1	37
132	On the Exploitation of One Class Classification to Distinguish Food Vs Non-Food Images. Lecture Notes in Computer Science, 2015, , 375-383.	1.0	11
133	Food Recognition Using Consensus Vocabularies. Lecture Notes in Computer Science, 2015, , 384-392.	1.0	5
134	Distortion Adaptive Descriptors: Extending Gradient-Based Descriptors to Wide Angle Images. Lecture Notes in Computer Science, 2015, , 205-215.	1.0	2
135	RECfusion. , 2015, , .		14
136	Computer Vision, Imaging and Computer Graphics - Theory and Applications. Communications in Computer and Information Science, 2015, , .	0.4	1
137	An Experimental Analysis of Saliency Detection with Respect to Three Saliency Levels. Lecture Notes in Computer Science, 2015, , 806-821.	1.0	4
138	Image Manipulation on Facebook for Forensics Evidence. Lecture Notes in Computer Science, 2015, , 506-517.	1.0	22
139	Fast and Low Power Consumption Outliers Removal for Motion Vector Estimation. Lecture Notes in Computer Science, 2015, , 70-80.	1.0	2
140	Registration and Recognition in Images and Videos. Studies in Computational Intelligence, 2014, , .	0.7	1
141	Image sensor noise profiling by voting based curve fitting. Proceedings of SPIE, 2014, , .	0.8	0
142	Affine region detectors on the fisheye domain. , 2014, , .		11
143	Classifying food images represented as Bag of Textons. , 2014, , .		52
144	Aligning codebooks for near duplicate image detection. Multimedia Tools and Applications, 2014, 72, 1483-1506.	2.6	12

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145	Saliency-Based Selection of Gradient Vector Flow Paths for Content Aware Image Resizing. IEEE Transactions on Image Processing, 2014, 23, 2081-2095.	6.0	42
146	First Quantization Matrix Estimation From Double Compressed JPEG Images. IEEE Transactions on Information Forensics and Security, 2014, 9, 1299-1310.	4.5	50
147	Face Re-Identification for Digital Signage Applications. Lecture Notes in Computer Science, 2014, , 40-52.	1.0	11
148	Computer Vision, Imaging and Computer Graphics -- Theory and Applications. Communications in Computer and Information Science, 2014, , .	0.4	0
149	PCA based shape recognition for capacitive touch display. , 2013, , .		6
150	Stereo Vision for Bus Traffic Conflict Investigation. Applied Mechanics and Materials, 2013, 392, 799-802.	0.2	0
151	Artificial Mosaic Generation with Gradient Vector Flow and Tile Cutting. Journal of Electrical and Computer Engineering, 2013, 2013, 1-12.	0.6	4
152	Shape recognition for capacitive touch display. , 2013, , .		3
153	Forgery Detection and Value Identification of Euro Banknotes. Sensors, 2013, 13, 2515-2529.	2.1	40
154	Aesthetic scoring of digital portraits for consumer applications. Proceedings of SPIE, 2013, , .	0.8	6
155	First JPEG quantization matrix estimation based on histogram analysis. , 2013, , .		3
156	Front Matter: Volume 8660. , 2013, , .		0
157	Road Traffic Conflict Analysis from Geo-referenced Stereo Sequences. Lecture Notes in Computer Science, 2013, , 381-390.	1.0	7
158	Adaptive Compression of Stereoscopic Images. Lecture Notes in Computer Science, 2013, , 391-399.	1.0	12
159	A Cluster-Based Boosting Strategy for Red Eye Removal. , 2013, , 217-249.		0
160	First Quantization Coefficient Extraction from Double Compressed JPEG Images. Lecture Notes in Computer Science, 2013, , 783-792.	1.0	4
161	Measuring Sandy Bottom Dynamics by Exploiting Depth from Stereo Video Sequences. Lecture Notes in Computer Science, 2013, , 420-430.	1.0	1
162	Multimedia in Forensics, Security, and Intelligence. IEEE MultiMedia, 2012, 19, 17-19.	1.5	19

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163	Content-aware image resizing with seam selection based on Gradient Vector Flow. , 2012, , .		5
164	On the performances of computer vision algorithms on mobile platforms. Proceedings of SPIE, 2012, , .	0.8	2
165	Robust Image Alignment for Tampering Detection. IEEE Transactions on Information Forensics and Security, 2012, 7, 1105-1117.	4.5	61
166	Instant Scene Recognition on Mobile Platform. Lecture Notes in Computer Science, 2012, , 655-658.	1.0	6
167	Artificial Mosaics with Irregular Tiles Based on Gradient Vector Flow. Lecture Notes in Computer Science, 2012, , 581-588.	1.0	0
168	A Robust Image Alignment Algorithm for Video Stabilization Purposes. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1390-1400.	5.6	76
169	Robust video stabilization approach based on a voting strategy. , 2011, , .		4
170	On the Application of Structured Sparse Model Selection to JPEG Compressed Images. Lecture Notes in Computer Science, 2011, , 137-151.	1.0	8
171	Fast block based local motion estimation for video stabilization. , 2011, , .		4
172	Third ACM international workshop on multimedia in forensics and intelligence (MiFor 2011). , 2011, , .		0
173	Objective estimation of body condition score by modeling cow body shape from digital images. Journal of Dairy Science, 2011, 94, 2126-2137.	1.4	76
174	Front Matter: Volume 7876. Proceedings of SPIE, 2011, , .	0.8	0
175	Random-temporal block selection for video stabilization. , 2011, , .		0
176	Scene classification in compressed and constrained domain. IET Computer Vision, 2011, 5, 320.	1.3	21
177	Robust image registration and tampering localization exploiting bag of features based forensic signature. , 2011, , .		5
178	Understanding geometric manipulations of images through bovw-based hashing. , 2011, , .		10
179	A forensic signature based on spatial distributed bag of features for image alignment and tampering detection. , 2011, , .		1
180	A Robust Forensic Hash Component for Image Alignment. Lecture Notes in Computer Science, 2011, , 473-483.	1.0	2

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181	Crop Detection through Blocking Artefacts Analysis. Lecture Notes in Computer Science, 2011, , 650-659.	1.0	10
182	Emerging Methods for Color Image and Video Quality Enhancement. Eurasip Journal on Image and Video Processing, 2010, 2010, 1-2.	1.7	1
183	Chain of evidence generation for contrast enhancement in digital image forensics. Proceedings of SPIE, 2010, , .	0.8	0
184	Bags of phrases with codebooks alignment for near duplicate image detection. , 2010, , .		11
185	Exploiting visual and text features for direct marketing learning in time and space constrained domains. Pattern Analysis and Applications, 2010, 13, 143-157.	3.1	2
186	Red-eyes removal through cluster based Linear Discriminant Analysis. , 2010, , .		4
187	A Robust Block-Based Image/Video Registration Approach for Mobile Imaging Devices. IEEE Transactions on Multimedia, 2010, 12, 622-635.	5.2	59
188	Boosting Gray Codes for Red Eyes Removal. , 2010, , .		2
189	Characterization of signal perturbation using voting based curve fitting for multispectral images. , 2010, , .		0
190	Red-Eyes Removal through Cluster-Based Boosting on Gray Codes. Eurasip Journal on Image and Video Processing, 2010, 2010, 1-11.	1.7	5
191	Signal-dependent raw image denoising using sensor noise characterization via multiple acquisitions. , 2010, , .		10
192	Exploiting Textons Distributions on Spatial Hierarchy for Scene Classification. Eurasip Journal on Image and Video Processing, 2010, 2010, 1-13.	1.7	15
193	3D ancient mosaics. , 2010, , .		7
194	Second ACM international workshop on multimedia in forensics, security and intelligence (MiFor) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2		1
195	A bio-inspired CNN with re-indexing engine for lossless DNA microarray compression and segmentation. , 2009, , .		8
196	Objective analysis of simple kidney cysts from CT images. , 2009, , .		6
197	Noise Reduction for CFA Image Sensors Exploiting HVS Behaviour. Sensors, 2009, 9, 1692-1713.	2.1	19
198	Using visual and text features for direct marketing on multimedia messaging services domain. Multimedia Tools and Applications, 2009, 42, 5-30.	2.6	10

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199	Naturalness classification of images into DCT domain. , 2009, , .		2
200	Fuzzy-based motion estimation for video stabilization using SIFT interest points. , 2009, , .		7
201	Spatial Hierarchy of Textons Distributions for Scene Classification. Lecture Notes in Computer Science, 2009, , 333-343.	1.0	16
202	Red Eye Detection through Bag-of-Keypoints Classification. Lecture Notes in Computer Science, 2009, , 528-537.	1.0	2
203	Digital forgery estimation into DCT domain. , 2009, , .		26
204	Periodic Pattern Detection for Real-Time Application. Lecture Notes in Computer Science, 2009, , 271-278.	1.0	1
205	An Improved Image Re-indexing Technique by Self Organizing Motor Maps. Lecture Notes in Computer Science, 2009, , 62-70.	1.0	1
206	A robust video stabilization system by adaptive motion vectors filtering. , 2008, , .		33
207	Digital video stabilization through curve warping techniques. IEEE Transactions on Consumer Electronics, 2008, 54, 220-224.	3.0	51
208	A Cellular Neural Network for Zooming Digital Colour Images. , 2008, , .		3
209	Neurofuzzy segmentation of microarray images. , 2008, , .		4
210	Scene categorization using bag of Textons on spatial hierarchy. , 2008, , .		19
211	Natural Versus Artificial Scene Classification by Ordering Discrete Fourier Power Spectra. Lecture Notes in Computer Science, 2008, , 137-146.	1.0	8
212	Regular texture removal for video stabilization. , 2008, , .		3
213	Video Stabilization. , 2008, , 941-945.		6
214	Structural Simulation of a Bone-Prosthesis System of the Knee Joint. Sensors, 2008, 8, 5897-5926.	2.1	5
215	Color-Mapped Imaging. , 2008, , 83-88.		2
216	Smart Photo Sticking. Lecture Notes in Computer Science, 2008, , 211-223.	1.0	10

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217	A Cellular Neural Network for Zooming Digital Colour Images. , 2008, , .		3
218	Recent Patents on Color Demosaicing. Recent Patents on Computer Science, 2008, 1, 194-207.	0.5	8
219	A Novel Artificial Mosaic Generation Technique Driven by Local Gradient Analysis. Lecture Notes in Computer Science, 2008, , 76-85.	1.0	10
220	ALZ: Adaptive Learning for Zooming Digital Images. , 2007, , .		15
221	Video Stabilization through Dynamic Analysis of Frames Signatures. , 2007, , .		6
222	Adaptive techniques for microarray image analysis with related quality assessment. Journal of Electronic Imaging, 2007, 16, 043013.	0.5	5
223	Data mining learning bootstrap through semantic thumbnail analysis. , 2007, , .		9
224	Advanced indexing schema for imaging applications: three case studies. IET Image Processing, 2007, 1, 249.	1.4	11
225	Self Organizing Motor Maps for Color-Mapped Image Re-Indexing. IEEE Transactions on Image Processing, 2007, 16, 2905-2915.	6.0	25
226	A Novel Image Re-Indexing by Self Organizing Motor Maps. , 2007, , .		0
227	SIFT Features Tracking for Video Stabilization. , 2007, , .		132
228	Digital Mosaic Frameworks - An Overview. Computer Graphics Forum, 2007, 26, 070606074919006-???.	1.8	37
229	Cortical Bone Classification by Local Context Analysis. , 2007, , 567-578.		3
230	Ad hoc segmentation pipeline for microarray image analysis. , 2006, , .		5
231	Bezier curves approximation of triangularized surfaces using SVG. , 2006, 6061, 213.		1
232	<title>SVG rendering by watershed decomposition</title>. , 2005, , .		7
233	<title>Advanced SVG triangulation/polygonalization of digital images</title>. , 2005, , .		9
234	Natural scenes classification for color enhancement. IEEE Transactions on Consumer Electronics, 2005, 51, 234-239.	3.0	17

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235	Statistical Modeling of Huffman Tables Coding. Lecture Notes in Computer Science, 2005, , 711-718.	1.0	3
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