

Edward J Delp

List of Publications by Year in descending order

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506
papers

12,653
citations

41258

49
h-index

53109

85
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519
all docs

519
docs citations

519
times ranked

7021
citing authors

#	ARTICLE	IF	CITATIONS
1	Joint temporal dietary and physical activity patterns: associations with health status indicators and chronic diseases. American Journal of Clinical Nutrition, 2022, 115, 456-470.	2.2	7
2	Deepfake Detection Using Multiple Data Modalities. Advances in Computer Vision and Pattern Recognition, 2022, , 235-254.	0.9	6
3	Forensic Analysis and Localization of Multiply Compressed MP3 Audio Using Transformers. , 2022, , .		3
4	Forensic Analysis of Synthetically Generated Western Blot Images. IEEE Access, 2022, 10, 59919-59932.	2.6	6
5	Improving Food Detection For Images From a Wearable Egocentric Camera. IS&T International Symposium on Electronic Imaging, 2021, 33, 286-1-286-7.	0.3	2
6	Integrating crop growth models with remote sensing for predicting biomass yield of sorghum. In Silico Plants, 2021, 3, .	0.8	18
7	Small Target Detection Using Optical Flow. , 2021, , .		2
8	A Machine Learning Approach to Classify Hypersonic Vehicle Trajectories. , 2021, , .		5
9	Dietary Aspects to Incorporate in the Creation of a Mobile Image-Based Dietary Assessment Tool to Manage and Improve Diabetes. Nutrients, 2021, 13, 1179.	1.7	2
10	Three Dimensional Synthetic Non-Ellipsoidal Nuclei Volume Generation Using BĂ©zier Curves. , 2021, , .		11
11	Forensic Analysis of Video Files Using Metadata. , 2021, , .		7
12	Manipulation Detection in Satellite Images Using Vision Transformer. , 2021, , .		20
13	Spacecraft Time-Series Anomaly Detection Using Transfer Learning. , 2021, , .		22
14	RCNN-SliceNet: A Slice and Cluster Approach for Nuclei Centroid Detection in Three-Dimensional Fluorescence Microscopy Images. , 2021, , .		9
15	Temporal physical activity patterns are associated with obesity in U.S. adults. Preventive Medicine, 2021, 148, 106538.	1.6	10
16	Contour-Based Detection and Quantification of Tar Spot Stromata Using Red-Green-Blue (RGB) Imagery. Frontiers in Plant Science, 2021, 12, 675975.	1.7	5
17	Nested Attention U-Net: A Splicing Detection Method for Satellite Images. Lecture Notes in Computer Science, 2021, , 516-529.	1.0	3
18	Frequency Domain-Based Detection of Generated Audio. IS&T International Symposium on Electronic Imaging, 2021, 33, 273-1-273-7.	0.3	6

#	ARTICLE	IF	CITATIONS
19	An Attention-Based System for Damage Assessment Using Satellite Imagery. , 2021, , .		16
20	Improving Building Segmentation Using Uncertainty Modeling and Metadata Injection. , 2021, , .		1
21	Accuracy and Cost-effectiveness of Technology-Assisted Dietary Assessment Comparing the Automated Self-administered Dietary Assessment Tool, Intake24, and an Image-Assisted Mobile Food Record 24-Hour Recall Relative to Observed Intake: Protocol for a Randomized Crossover Feeding Study. JMIR Research Protocols. 2021, 10, e32891.	0.5	3
22	Field-Based Plot Extraction Using UAV RGB Images. , 2021, , .		4
23	Estimating Image Quality for Person Re-Identification. , 2021, , .		3
24	Vertically Integrated Projects (VIP) Program at Purdue University: A Research Experience for Undergraduate Students. , 2021, , .		0
25	Synthesized Speech Detection Using Convolutional Transformer-Based Spectrogram Analysis. , 2021, , .		6
26	Distance metrics optimized for clustering temporal dietary patterning among U.S. adults. Appetite, 2020, 144, 104451.	1.8	10
27	Joint Temporal Dietary and Physical Activity Patterns: Associations with Health Status Indicators and Chronic Diseases. Current Developments in Nutrition, 2020, 4, nzaa047_010.	0.1	5
28	Temporal Physical Activity Patterns and Association with Health Status Indicators and Chronic Disease. Current Developments in Nutrition, 2020, 4, nzaa056_013.	0.1	4
29	Manipulation Detection in Satellite Images Using Deep Belief Networks. , 2020, , .		13
30	Deepfakes Detection with Automatic Face Weighting. , 2020, , .		74
31	Deep Transfer Learning For Plant Center Localization. , 2020, , .		10
32	Temporal Dietary Patterns Are Associated with Obesity in US Adults. Journal of Nutrition, 2020, 150, 3259-3268.	1.3	17
33	Automatic Plant Counting and Location Based on a Few-Shot Learning Technique. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 5872-5886.	2.3	31
34	Anomaly Scoring for Prediction-Based Anomaly Detection in Time Series. , 2020, , .		10
35	Temporal Dietary Patterns Are Associated with Body Mass Index, Waist Circumference and Obesity. Current Developments in Nutrition, 2020, 4, nzaa046_018.	0.1	4
36	Editorial: Media Authentication and Forensicsâ€™New Solutions and Research Opportunities. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 906-909.	7.3	0

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37	Three Dimensional Nuclei Segmentation and Classification of Fluorescence Microscopy Images. , 2020, , .		3
38	Forensic Scanner Identification Using Machine Learning. , 2020, , .		2
39	Plant Stem Segmentation Using Fast Ground Truth Generation. , 2020, , .		3
40	Introduction to the Issue on Perception-Driven 360° Video Processing. IEEE Journal on Selected Topics in Signal Processing, 2020, 14, 2-4.	7.3	2
41	The Effect of Timing of Exercise and Eating on Postprandial Response in Adults: A Systematic Review. Nutrients, 2020, 12, 221.	1.7	34
42	Extra FAT: A Photorealistic Dataset for 6D Object Pose Estimation. IS&T International Symposium on Electronic Imaging, 2020, 32, 221-1-221-7.	0.3	0
43	Sphere estimation network: three-dimensional nuclei detection of fluorescence microscopy images. Journal of Medical Imaging, 2020, 7, 044003.	0.8	4
44	2D Label Free Microscopy Imaging Analysis Using Machine Learning. IS&T International Symposium on Electronic Imaging, 2020, 2020, 341-1-341-10.	0.3	0
45	Generative Autoregressive Ensembles for Satellite Imagery Manipulation Detection. , 2020, , .		9
46	A Weakly Supervised Deep Learning Approach for Plant Center Detection and Counting. , 2020, , .		2
47	Robustness Analysis of Face Obscuration. , 2020, , .		5
48	Classification of Sleep Videos Using Deep Learning. , 2019, , .		1
49	Three Dimensional Blind Image Deconvolution for Fluorescence Microscopy using Generative Adversarial Networks. , 2019, , .		10
50	Image Anonymization Detection with Deep Handcrafted Features. , 2019, , .		4
51	Effects of Intermittent Energy Restriction Combined with a Mediterranean Diet on Reducing Visceral Adiposity: A Randomized Active Comparator Pilot Study. Nutrients, 2019, 11, 1386.	1.7	32
52	Splicing Detection and Localization In Satellite Imagery Using Conditional GANs. , 2019, , .		22
53	Image-Based Dietary Assessment and Tailored Feedback Using Mobile Technology: Mediating Behavior Change in Young Adults. Nutrients, 2019, 11, 435.	1.7	10
54	A Stacked Predictor and Dynamic Thresholding Algorithm for Anomaly Detection in Spacecraft. , 2019, , .		12

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55	Characterizing the Utility of Surveillance Video for Person Re-Identification. , 2019, , .		1
56	Camera-Aware Image-To-Image Translation Using Similarity Preserving StarGAN for Person Re-Identification. , 2019, , .		6
57	Leaf Segmentation by Functional Modeling. , 2019, , .		12
58	Locating Objects Without Bounding Boxes. , 2019, , .		57
59	Center-Extraction-Based Three Dimensional Nuclei Instance Segmentation of Fluorescence Microscopy Images. , 2019, , .		4
60	DeepSynth: Three-dimensional nuclear segmentation of biological images using neural networks trained with synthetic data. Scientific Reports, 2019, 9, 18295.	1.6	70
61	Improving Nutrition and Activity Behaviors Using Digital Technology and Tailored Feedback: Protocol for the Tailored Diet and Activity (ToDAy) Randomized Controlled Trial. JMIR Research Protocols, 2019, 8, e12782.	0.5	14
62	Counting Bites With Bits: Expert Workshop Addressing Calorie and Macronutrient Intake Monitoring. Journal of Medical Internet Research, 2019, 21, e14904.	2.1	19
63	Nuclei counting in microscopy images with three dimensional generative adversarial networks. , 2019, , .		5
64	Context based image analysis with application in dietary assessment and evaluation. Multimedia Tools and Applications, 2018, 77, 19769-19794.	2.6	25
65	Digital watermarking for camera-captured images based on just noticeable distortion and Wiener filtering. Journal of Visual Communication and Image Representation, 2018, 53, 146-160.	1.7	16
66	Deepfake Video Detection Using Recurrent Neural Networks. , 2018, , .		435
67	Three Dimensional Fluorescence Microscopy Image Synthesis and Segmentation. , 2018, , .		40
68	Tubule Segmentation of Fluorescence Microscopy Images Based on Convolutional Neural Networks With Inhomogeneity Correction. IS&T International Symposium on Electronic Imaging, 2018, 30, 199-1-199-8.	0.3	8
69	Multi-Reference Video Coding Using Stillness Detection. IS&T International Symposium on Electronic Imaging, 2018, 30, 156-1-156-4.	0.3	1
70	Texture Segmentation Based Video Compression Using Convolutional Neural Networks. IS&T International Symposium on Electronic Imaging, 2018, 2018, 155-1-155-6.	0.3	4
71	Estimating Plant Centers Using A Deep Binary Classifier. , 2018, , .		2
72	Sleep Analysis Using Motion and Head Detection. , 2018, , .		2

#	ARTICLE	IF	CITATIONS
73	cTADA: The Design of a Crowdsourcing Tool for Online Food Image Identification and Segmentation. , 2018, , .		13
74	Fooling PRNU-Based Detectors Through Convolutional Neural Networks. , 2018, , .		15
75	Satellite Image Forgery Detection and Localization Using GAN and One-Class Classifier. IS&T International Symposium on Electronic Imaging, 2018, 30, 214-1-214-9.	0.3	40
76	Perception of 3D Symmetrical and Nearly Symmetrical Shapes. Symmetry, 2018, 10, 344.	1.1	11
77	Technology-Based Dietary Assessment in Youth with and Without Developmental Disabilities. Nutrients, 2018, 10, 1482.	1.7	13
78	Reliability Map Estimation for CNN-Based Camera Model Attribution. , 2018, , .		17
79	Association between Cognitive Restraint, Uncontrolled Eating, Emotional Eating and BMI and the Amount of Food Wasted in Early Adolescent Girls. Nutrients, 2018, 10, 1279.	1.7	23
80	Single-View Food Portion Estimation: Learning Image-to-Energy Mappings Using Generative Adversarial Networks. , 2018, , .		35
81	Scalable Logo Detection and Recognition with Minimal Labeling. , 2018, , .		2
82	Pediatric Videosomnography: Can Signal/Video Processing Distinguish Sleep and Wake States?. Frontiers in Pediatrics, 2018, 6, 158.	0.9	19
83	Logo detection and recognition with synthetic images. IS&T International Symposium on Electronic Imaging, 2018, 30, 337-1-337-7.	0.3	15
84	Nuclei detection and segmentation of fluorescence microscopy images using three dimensional convolutional neural networks. , 2018, , .		16
85	Development of screening echocardiogram for detection of asymptomatic left ventricular dysfunction. IS&T International Symposium on Electronic Imaging, 2018, 30, 200-1-200-7.	0.3	0
86	Deep Gang Graffiti Component Analysis. IS&T International Symposium on Electronic Imaging, 2018, 30, 201-1-201-4.	0.3	1
87	Monocular and binocular recovery of 3D symmetrical and near-symmetrical shapes. Journal of Vision, 2018, 18, 719.	0.1	0
88	Segmentation of biological images containing multitarget labeling using the jelly filling framework. Journal of Medical Imaging, 2018, 5, 1.	0.8	1
89	First Steps Toward Camera Model Identification With Convolutional Neural Networks. IEEE Signal Processing Letters, 2017, 24, 259-263.	2.1	192
90	Dietary Intervention for Glucose Tolerance In Teens (DIG IT): Protocol of a randomized controlled trial using health coaching to prevent youth-onset type 2 diabetes. Contemporary Clinical Trials, 2017, 53, 171-177.	0.8	3

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91	Boundary segmentation for fluorescence microscopy using steerable filters. Proceedings of SPIE, 2017, , .	0.8	1
92	Nuclei segmentation of fluorescence microscopy images using convolutional neural networks. , 2017, , .		22
93	New mobile methods for dietary assessment: review of image-assisted and image-based dietary assessment methods. Proceedings of the Nutrition Society, 2017, 76, 283-294.	0.4	237
94	Tampering Detection and Localization Through Clustering of Camera-Based CNN Features. , 2017, , .		118
95	A Counter-Forensic Method for CNN-Based Camera Model Identification. , 2017, , .		32
96	Nuclei Segmentation of Fluorescence Microscopy Images Using Three Dimensional Convolutional Neural Networks. , 2017, , .		28
97	Perception v. actual intakes of junk food and sugar-sweetened beverages in Australian young adults: assessed using the mobile food record. Public Health Nutrition, 2017, 20, 2300-2307.	1.1	11
98	Segmentation of fluorescence microscopy images using three dimensional active contours with inhomogeneity correction. , 2017, , .		13
99	Neighborhood Matching for Image Retrieval. IEEE Transactions on Multimedia, 2017, 19, 544-558.	5.2	19
100	Plant leaf segmentation for estimating phenotypic traits. , 2017, , .		9
101	Quality-adaptive deep learning for pedestrian detection. , 2017, , .		7
102	Accuracy prediction for pedestrian detection. , 2017, , .		8
103	Spatial pyramid alignment for sparse coding based object classification. , 2017, , .		1
104	The use of co-occurrence patterns in single image based food portion estimation. , 2017, 2017, 462-466.		8
105	Counting plants using deep learning. , 2017, , .		27
106	Modified dynamic time warping (MDTW) for estimating temporal dietary patterns. , 2017, , .		5
107	Weakly supervised food image segmentation using class activation maps. , 2017, 2017, 1277-1281.		20
108	A Two Stream Siamese Convolutional Neural Network for Person Re-identification. , 2017, , .		179

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109	Locating Crop Plant Centers from UAV-Based RGB Imagery. , 2017, , .		7
110	3D Shape Recovery From Real Images Using a Symmetry Prior. IS&T International Symposium on Electronic Imaging, 2017, 2017, 106-115.	0.3	3
111	Effect of Fibre Supplementation on Body Weight and Composition, Frequency of Eating and Dietary Choice in Overweight Individuals. Nutrients, 2017, 9, 149.	1.7	36
112	BMI is Associated with the Willingness to Record Diet with a Mobile Food Record among Adults Participating in Dietary Interventions. Nutrients, 2017, 9, 244.	1.7	13
113	Reported Energy Intake Accuracy Compared to Doubly Labeled Water and Usability of the Mobile Food Record among Community Dwelling Adults. Nutrients, 2017, 9, 312.	1.7	62
114	Response to Comments by Vuksan V. et al., Nutrients 2017, 9, 398, Regarding an Article by Solah V.A. et al., Nutrients 2017, 9, 149. Nutrients, 2017, 9, 408.	1.7	0
115	Binocular 3D Object Recovery Using a Symmetry Prior. Symmetry, 2017, 9, 64.	1.1	9
116	Feasibility of Assessing Diet with a Mobile Food Record for Adolescents and Young Adults with Down Syndrome. Nutrients, 2017, 9, 273.	1.7	13
117	Characterizing Early Adolescent Plate Waste Using the Mobile Food Record. Nutrients, 2017, 9, 93.	1.7	8
118	Automatic gang graffiti recognition and interpretation. Journal of Electronic Imaging, 2017, 26, 1.	0.5	5
119	Special Section Guest Editorial: Video Analytics for Public Safety. Journal of Electronic Imaging, 2017, 26, 1.	0.5	0
120	Improving Video-Based Heart Rate Estimation. IS&T International Symposium on Electronic Imaging, 2016, 2016, 1-6.	0.3	0
121	Touch Event Recognition For Human Interaction. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-6.	0.3	4
122	VPx Error Resilient Video Coding Using Duplicated Prediction Information. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-6.	0.3	2
123	HAZMAT SIGN LOCATION DETECTION BASED ON FOURIER SHAPE DESCRIPTORS. IS&T International Symposium on Electronic Imaging, 2016, 28, 1-5.	0.3	0
124	Food image analysis: The big data problem you can eat!. , 2016, 2016, 1263-1267.		2
125	A Mobile Food Record For Integrated Dietary Assessment. , 2016, 2016, 53-62.		37
126	Person re-identification using a patch-based appearance model. , 2016, , .		4

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127	Four Dimensional Image Registration for Intravital Microscopy. , 2016, , .		0
128	Efficient superpixel based segmentation for food image analysis. , 2016, 2016, 2544-2548.		14
129	Automatic and manual tattoo localization. , 2016, , .		4
130	Shape matching using a self similar affine invariant descriptor. , 2016, , .		1
131	A comparison of food portion size estimation using geometric models and depth images. , 2016, 2016, 26-30.		32
132	Figure-ground organization based on three-dimensional symmetry. Journal of Electronic Imaging, 2016, 25, 061606.	0.5	9
133	Nuclei segmentation of fluorescence microscopy images based on midpoint analysis and marked point process. , 2016, , .		10
134	Dietary assessment of domoic acid exposure: What can be learned from traditional methods and new applications for a technology assisted device. Harmful Algae, 2016, 57, 51-55.	2.2	12
135	Adaptive error concealment for temporalâ€šspatial multiple description video coding. Signal Processing: Image Communication, 2016, 47, 313-331.	1.8	4
136	Jelly filling segmentation of fluorescence microscopy images containing incomplete labeling. , 2016, , .		4
137	Tattoo image retrieval for region of interest. , 2016, , .		3
138	VPx video coding for lossy transmission channels using error resilience packets. , 2016, , .		1
139	Superpixels shape analysis for carried object detection. , 2016, , .		3
140	The connecting health and technology study: a 6-month randomized controlled trial to improve nutrition behaviours using a mobile food record and text messaging support in young adults. International Journal of Behavioral Nutrition and Physical Activity, 2016, 13, 52.	2.0	117
141	Image-Like 2D Barcodes Using Generalizations of the Kuznetsovâ€šTsybakov Problem. IEEE Transactions on Information Forensics and Security, 2016, 11, 691-703.	4.5	4
142	Temporal Dietary Patterns Derived among the Adult Participants of the National Health and Nutrition Examination Survey 1999-2004 Are Associated with Diet Quality. Journal of the Academy of Nutrition and Dietetics, 2016, 116, 283-291.	0.4	43
143	Preferred Tone of Nutrition Text Messages for Young Adults: Focus Group Testing. JMIR MHealth and UHealth, 2016, 4, e1.	1.8	36
144	Single-View Food Portion Estimation Based on Geometric Models. , 2015, 2015, 385-390.		49

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145	Robust local and global shape context for tattoo image matching. , 2015, , .		14
146	Feasibility and Use of the Mobile Food Record for Capturing Eating Occasions among Children Ages 3â€“10 Years in Guam. Nutrients, 2015, 7, 4403-4415.	1.7	39
147	A Novel Dietary Assessment Method to Measure a Healthy and Sustainable Diet Using the Mobile Food Record: Protocol and Methodology. Nutrients, 2015, 7, 5375-5395.	1.7	41
148	Webcam classification using simple features. Proceedings of SPIE, 2015, , .	0.8	1
149	Boundary fitting based segmentation of fluorescence microscopy images. Proceedings of SPIE, 2015, , .	0.8	1
150	Multimedia content creation using global network cameras: The making of CAM2. , 2015, , .		4
151	Spatial subsampling-based multiple description video coding with adaptive temporal-spatial error concealment. , 2015, , .		8
152	Content based video retrieval on mobile devices: How much content is enough?. , 2015, , .		1
153	Visual Saliency Models Based on Spectrum Processing. , 2015, , .		1
154	Analysis of Large-Scale Distributed Cameras Using the Cloud. IEEE Cloud Computing, 2015, 2, 54-62.	5.3	9
155	Characterizing the uncertainty of classification methods and its impact on the performance of crowdsourcing. , 2015, , .		0
156	An interactive web-based system using cloud for large-scale visual analytics. Proceedings of SPIE, 2015, , .	0.8	2
157	Multiple Hypotheses Image Segmentation and Classification With Application to Dietary Assessment. IEEE Journal of Biomedical and Health Informatics, 2015, 19, 377-388.	3.9	124
158	An intelligent crowdsourcing system for forensic analysis of surveillance video. Proceedings of SPIE, 2015, , .	0.8	3
159	Mobile image based color correction using deblurring. Proceedings of SPIE, 2015, 9401, .	0.8	2
160	Color difference weighted adaptive residual preprocessing using perceptual modeling for video compression. Signal Processing: Image Communication, 2015, 39, 355-368.	1.8	16
161	Efficient graph-cut tattoo segmentation. , 2015, , .		5
162	The use of asymmetric numeral systems as an accurate replacement for Huffman coding. , 2015, , .		60

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163	Improving video-based resting heart rate estimation: A comparison of two methods. , 2015, , .		0
164	The Use of Temporal Information in Food Image Analysis. Lecture Notes in Computer Science, 2015, 9281, 317-325.	1.0	9
165	A Printer Indexing System for Color Calibration with Applications in Dietary Assessment. Lecture Notes in Computer Science, 2015, 9281, 358-365.	1.0	1
166	How Willing Are Adolescents to Record Their Dietary Intake? The Mobile Food Record. JMIR MHealth and UHealth, 2015, 3, e47.	1.8	53
167	Dietary and Physical Activity Factors in Overweight and Obese Adolescents At Risk for Type 2 Diabetes. FASEB Journal, 2015, 29, 595.27.	0.2	0
168	Analysis of food images: Features and classification. , 2014, 2014, 2744-2748.		59
169	IMART software for correction of motion artifacts in images collected in intravital microscopy. Intravital, 2014, 3, e28210.	2.0	24
170	Video quality assessment for web content mirroring. , 2014, , .		0
171	Saliency guided adaptive residue pre-processing for perceptually based video compression. , 2014, , .		1
172	Automated crowd flow estimation enhanced by crowdsourcing. , 2014, , .		3
173	Generalizations of the Kuznetsov-Tsybakov problem for generating image-like 2D barcodes. , 2014, , .		1
174	Merging dietary assessment with the adolescent lifestyle. Journal of Human Nutrition and Dietetics, 2014, 27, 82-88.	1.3	40
175	Learning and Law Enforcement: How Community-Based Teaching Facilitates Improved Information Systems. , 2014, , .		0
176	An HEVC compressed domain content-based video signature for copy detection and video retrieval. , 2014, , .		6
177	A web-based video annotation system for crowdsourcing surveillance videos. , 2014, , .		3
178	Automatic detection of abnormal human events on train platforms. , 2014, , .		13
179	Comparing three-dimensional Bayesian segmentations for images with low signal-to-noise ratio (SNR<1) and strong attenuation. Journal of Electronic Imaging, 2014, 23, 043018.	0.5	1
180	Digital watermarking for color images in hue-saturation-value color space. Journal of Electronic Imaging, 2014, 23, 033009.	0.5	9

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181	Foundational metadata for image based cognition. , 2014, , .		0
182	Image-based geographical location estimation using web cameras. , 2014, , .		1
183	Categorization-based two-stage pedestrian detection system for naturalistic driving data. Signal, Image and Video Processing, 2014, 8, 135-144.	1.7	7
184	A system for large-scale analysis of distributed cameras. , 2014, , .		23
185	A mobile phone user interface for image-based dietary assessment. Proceedings of SPIE, 2014, 9030, .	0.8	10
186	A comprehensive multimodal eye recognition. Signal, Image and Video Processing, 2013, 7, 619-631.	1.7	14
187	Context based food image analysis. , 2013, 2013, 2748-2752.		12
188	Video-based real-time surveillance of vehicles. Journal of Electronic Imaging, 2013, 22, 041103.	0.5	13
189	Image-based food volume estimation. , 2013, 2013, 75-80.		43
190	Model-based food volume estimation using 3D pose. , 2013, 2013, 2534-2538.		35
191	Recognition, segmentation and retrieval of gang graffiti images on a mobile device. , 2013, , .		6
192	Inter-layer error concealment for scalable video coding based on motion vector averaging and slice interleaving. , 2013, , .		3
193	Food image analysis: Segmentation, identification and weight estimation. , 2013, 2013, .		67
194	The future of mobile computing. , 2013, , .		0
195	Adaptive error concealment for Multiple Description video coding using error estimation. , 2013, , .		0
196	Three dimensional segmentation of fluorescence microscopy images using active surfaces. , 2013, , .		10
197	Partial sharpness index for classifying digital camera and scanned images. , 2013, , .		0
198	Image segmentation for image-based dietary assessment: A comparative study. , 2013, 2013, .		12

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199	A new approach of visual clutter analysis for pedestrian detection. , 2013, , .		2
200	Mobile-based hazmat sign detection and recognition. , 2013, , .		1
201	Hazardous material sign detection and recognition. , 2013, , .		4
202	An Extreme Learning Machine-based pedestrian detection method. , 2013, , .		19
203	A comprehensive approach for sclera image quality measure. International Journal of Biometrics, 2013, 5, 181.	0.3	14
204	Feature quality-based multimodal unconstrained eye recognition. , 2013, , .		0
205	Robust image watermarking based on luminance modification. Journal of Electronic Imaging, 2013, 22, 033009.	0.5	7
206	Snakes assisted food image segmentation. , 2012, , .		5
207	Specular Highlight Removal for Image-Based Dietary Assessment. , 2012, 2012, 424-428.		8
208	Macroblock-level adaptive error concealment methods for MDC. , 2012, , .		3
209	Comparison of Known Food Weights with Image-Based Portion-Size Automated Estimation and Adolescents' Self-Reported Portion Size. Journal of Diabetes Science and Technology, 2012, 6, 428-434.	1.3	55
210	Detection of symmetric shapes on a mobile device with applications to automatic sign interpretation. , 2012, , .		3
211	Image enhancement and quality measures for dietary assessment using mobile devices. , 2012, 8296, .		15
212	White synthesis with user input for color balancing on mobile camera systems. Proceedings of SPIE, 2012, , .	0.8	0
213	Location-aware gang graffiti acquisition and browsing on a mobile device. , 2012, , .		5
214	A comprehensive approach for skin recognition. International Journal of Biometrics, 2012, 4, 165.	0.3	1
215	Adaptive error concealment for Multiple Description Video Coding using motion vector analysis. , 2012, , .		3
216	Quality fusion based multimodal eye recognition. , 2012, , .		14

#	ARTICLE	IF	CITATIONS
217	A New Texture Feature for Improved Food Recognition Accuracy in a Mobile Phone Based Dietary Assessment System. , 2012, , .		12
218	A multi-resolution approach to non-rigid registration of microscopy images. , 2012, , .		3
219	Connecting Health and Technology (CHAT): protocol of a randomized controlled trial to improve nutrition behaviours using mobile devices and tailored text messaging in young adults. BMC Public Health, 2012, 12, 477.	1.2	56
220	Generalized PCM Coding of Images. IEEE Transactions on Image Processing, 2012, 21, 3801-3806.	6.0	4
221	Food Volume Estimation in a Mobile Phone Based Dietary Assessment System. , 2012, , .		26
222	Digital correction of motion artefacts in microscopy image sequences collected from living animals using rigid and nonrigid registration. Journal of Microscopy, 2012, 245, 148-160.	0.8	22
223	A New Human Identification Method: Sclera Recognition. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 571-583.	3.4	107
224	Novel Technologies for Assessing Dietary Intake: Evaluating the Usability of a Mobile Telephone Food Record Among Adults and Adolescents. Journal of Medical Internet Research, 2012, 14, e58.	2.1	140
225	An adaptable spatial-temporal error concealment method for Multiple Description Coding based on error tracking. , 2011, , .		4
226	Multi-angle sclera recognition system. , 2011, , .		24
227	Crowd flow estimation using multiple visual features for scenes with changing crowd densities. , 2011, , .		12
228	Co-ordinate mapping and analysis of vehicle trajectory for anomaly detection. , 2011, , .		6
229	Low Complexity Image Quality Measures for Dietary Assessment Using Mobile Devices. , 2011, 2011, 351-356.		9
230	Temporal Dietary Patterns Using Kernel k-Means Clustering. , 2011, 2011, 375-380.		19
231	A method for translating printed documents using a hand-held device. , 2011, , .		2
232	A Low Complexity Sign Detection and Text Localization Method for Mobile Applications. IEEE Transactions on Multimedia, 2011, 13, 922-934.	5.2	33
233	Integrated database system for mobile dietary assessment and analysis. , 2011, 2011, .		12
234	Neighborhood matching for object recognition algorithms based on local image features. , 2011, , .		10

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