

Edward J Delp

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

402
papers

8,486
citations

47
h-index

79
g-index

519
ext. papers

10,525
ext. citations

3.8
avg, IF

6.3
L-index

#	Paper	IF	Citations
402	Image Compression Using Block Truncation Coding. <i>IRE Transactions on Communications Systems</i> , 1979 , 27, 1335-1342		481
401	Digital watermarking: algorithms and applications. <i>IEEE Signal Processing Magazine</i> , 2001 , 18, 33-46	9.4	354
400	. <i>Proceedings of the IEEE</i> , 1999 , 87, 1108-1126	14.3	330
399	The Use of Mobile Devices in Aiding Dietary Assessment and Evaluation. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2010 , 4, 756-766	7.5	235
398	Deepfake Video Detection Using Recurrent Neural Networks 2018 ,		209
397	Approaches to removing trans fats from the food supply in industrialized and developing countries. <i>European Journal of Clinical Nutrition</i> , 2009 , 63, S50-S67	5.2	191
396	Use of technology in children's dietary assessment. <i>European Journal of Clinical Nutrition</i> , 2009 , 63 Suppl 1, S50-7	5.2	176
395	New mobile methods for dietary assessment: review of image-assisted and image-based dietary assessment methods. <i>Proceedings of the Nutrition Society</i> , 2017 , 76, 283-294	2.9	156
394	Evidence-based development of a mobile telephone food record. <i>Journal of the American Dietetic Association</i> , 2010 , 110, 74-9		154
393	. <i>IEEE Signal Processing Letters</i> , 2017 , 24, 259-263	3.2	137
392	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1991 , 13, 163-174	13.3	130
391	Impulsive noise suppression and background normalization of electrocardiogram signals using morphological operators. <i>IEEE Transactions on Biomedical Engineering</i> , 1989 , 36, 262-73	5	121
390	A Two Stream Siamese Convolutional Neural Network for Person Re-identification 2017 ,		118
389	On detecting dominant points. <i>Pattern Recognition</i> , 1991 , 24, 441-451	7.7	107
388	Detecting left ventricular endocardial and epicardial boundaries by digital two-dimensional echocardiography. <i>IEEE Transactions on Medical Imaging</i> , 1988 , 7, 81-90	11.7	105
387	Novel technologies for assessing dietary intake: evaluating the usability of a mobile telephone food record among adults and adolescents. <i>Journal of Medical Internet Research</i> , 2012 , 14, e58	7.6	101
386	Morphological operations for color image processing. <i>Journal of Electronic Imaging</i> , 1999 , 8, 279	0.7	99

385	. <i>Proceedings of the IEEE</i> , 2005 , 93, 171-183	14.3	97
384	The EM/MPM algorithm for segmentation of textured images: analysis and further experimental results. <i>IEEE Transactions on Image Processing</i> , 2000 , 9, 1731-44	8.7	94
383	Multiple hypotheses image segmentation and classification with application to dietary assessment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015 , 19, 377-88	7.2	85
382	Segmentation of textured images using a multiresolution Gaussian autoregressive model. <i>IEEE Transactions on Image Processing</i> , 1999 , 8, 408-20	8.7	83
381	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 52	8.4	80
380	A New Human Identification Method: Sclera Recognition. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 2012 , 42, 571-583		79
379	Temporal Physical Activity Patterns and Association with Health Status Indicators and Chronic Disease. <i>Current Developments in Nutrition</i> , 2020 , 4, 1166-1166	0.4	78
378	Temporal Dietary Patterns Are Associated with Body Mass Index, Waist Circumference and Obesity. <i>Current Developments in Nutrition</i> , 2020 , 4, 518-518	0.4	78
377	An overview of multimedia content protection in consumer electronics devices. <i>Signal Processing: Image Communication</i> , 2001 , 16, 681-699	2.8	76
376	A method for a fully automatic definition of coronary arterial edges from cineangiograms. <i>IEEE Transactions on Medical Imaging</i> , 1988 , 7, 313-20	11.7	72
375	Wavelet based rate scalable video compression. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 1999 , 9, 109-122	6.4	68
374	Tampering Detection and Localization Through Clustering of Camera-Based CNN Features 2017 ,		67
373	. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1990 , 12, 470-483	13.3	67
372	Two-photon imaging within the murine thorax without respiratory and cardiac motion artifact. <i>American Journal of Pathology</i> , 2011 , 179, 75-82	5.8	59
371	. <i>IEEE Transactions on Multimedia</i> , 2006 , 8, 775-791	6.6	59
370	Multiresolution detection of spiculated lesions in digital mammograms. <i>IEEE Transactions on Image Processing</i> , 2001 , 10, 874-884	8.7	59
369	Edge linking by sequential search. <i>Pattern Recognition</i> , 1995 , 28, 611-633	7.7	57
368	The analysis of morphological filters with multiple structuring elements. <i>Computer Vision, Graphics, and Image Processing</i> , 1990 , 50, 308-328		57

367	Image data compression using autoregressive time series models. <i>Pattern Recognition</i> , 1979 , 11, 313-323.	7	57
366	COMBINING GLOBAL AND LOCAL FEATURES FOR FOOD IDENTIFICATION IN DIETARY ASSESSMENT. <i>Proceedings International Conference on Image Processing</i> , 2011 , 2011, 1789-1792	1.6	56
365	Automatic computer processing of digital 2-dimensional echocardiograms. <i>American Journal of Cardiology</i> , 1983 , 52, 384-9	3	56
364	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1994 , 24, 455-469		55
363	A cost minimization approach to edge detection using simulated annealing. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1992 , 14, 3-18	13.3	55
362	Printer identification based on graylevel co-occurrence features for security and forensic applications 2005 ,		54
361	Rate distortion analysis of motion side estimation in Wyner-Ziv video coding. <i>IEEE Transactions on Image Processing</i> , 2007 , 16, 98-113	8.7	50
360	Error concealment in MPEG video streams over ATM networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2000 , 18, 1129-1144	14.2	49
359	A survey of forensic characterization methods for physical devices. <i>Digital Investigation</i> , 2006 , 3, 17-28	3.3	48
358	ANALYSIS OF FOOD IMAGES: FEATURES AND CLASSIFICATION. <i>Proceedings International Conference on Image Processing</i> , 2014 , 2014, 2744-2748	1.6	47
357	Scanner Identification Using Feature-Based Processing and Analysis. <i>IEEE Transactions on Information Forensics and Security</i> , 2009 , 4, 123-139	8	47
356	Forensic techniques for classifying scanner, computer generated and digital camera images. <i>Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing</i> , 2008 ,	1.6	47
355	Printer and scanner forensics. <i>IEEE Signal Processing Magazine</i> , 2009 , 26, 72-83	9.4	46
354	Benchmarking of image watermarking algorithms for digital rights management. <i>Proceedings of the IEEE</i> , 2004 , 92, 971-984	14.3	46
353	2001 , 39, 102-108		45
352	FOOD IMAGE ANALYSIS: SEGMENTATION, IDENTIFICATION AND WEIGHT ESTIMATION 2013 , 2013,		44
351	Volume Estimation Using Food Specific Shape Templates in Mobile Image-Based Dietary Assessment. <i>Proceedings of SPIE</i> , 2011 , 7873, 78730K	1.7	44
350	How willing are adolescents to record their dietary intake? The mobile food record. <i>JMIR MHealth and UHealth</i> , 2015 , 3, e47	5.5	44

349	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. <i>BMC Public Health</i> , 2012 , 12, 477	4.1	43
348	. <i>IEEE Transactions on Multimedia</i> , 2010 , 12, 28-41	6.6	43
347	Temporal synchronization in video watermarking. <i>IEEE Transactions on Signal Processing</i> , 2004 , 52, 3007-3022	10.2	42
346	Comparison of known food weights with image-based portion-size automated estimation and adolescents self-reported portion size. <i>Journal of Diabetes Science and Technology</i> , 2012 , 6, 428-34	4.1	41
345	Natural language watermarking 2005 , 5681, 441		41
344	Scanner identification using sensor pattern noise 2007 ,		40
343	Reported Energy Intake Accuracy Compared to Doubly Labeled Water and Usability of the Mobile Food Record among Community Dwelling Adults. <i>Nutrients</i> , 2017 , 9,	6.7	38
342	Digital forensics [From the Guest Editors]. <i>IEEE Signal Processing Magazine</i> , 2009 , 26, 14-15	9.4	35
341	. <i>IEEE Transactions on Multimedia</i> , 2004 , 6, 103-118	6.6	35
340	Technology-Assisted Dietary Assessment. <i>Proceedings of SPIE</i> , 2008 , 6814, 681411	1.7	34
339	The use of asymmetric numeral systems as an accurate replacement for Huffman coding 2015 ,		32
338	Signature-embedding in printed documents for security and forensic applications 2004 , 5306, 455		31
337	Multilevel graphics representation using block truncation coding. <i>Proceedings of the IEEE</i> , 1980 , 68, 868-873	8.7	31
336	Temporal Dietary Patterns Derived among the Adult Participants of the National Health and Nutrition Examination Survey 1999-2004 Are Associated with Diet Quality. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2016 , 116, 283-291	3.9	30
335	Image-Based Food Volume Estimation 2013 , 2013, 75-80		30
334	Merging dietary assessment with the adolescent lifestyle. <i>Journal of Human Nutrition and Dietetics</i> , 2014 , 27 Suppl 1, 82-8	3.1	30
333	DeepSynth: Three-dimensional nuclear segmentation of biological images using neural networks trained with synthetic data. <i>Scientific Reports</i> , 2019 , 9, 18295	4.9	30
332	Satellite Image Forgery Detection and Localization Using GAN and One-Class Classifier. <i>IS&T International Symposium on Electronic Imaging</i> , 2018 , 2018, 214-1-214-9	1	30

331	An Overview of The Technology Assisted Dietary Assessment Project at Purdue University 2010 , 290-295		29
330	Attacks on lexical natural language steganography systems 2006 , 6072, 97		29
329	Segmentation-Based Video Compression Using Texture and Motion Models. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2011 , 5, 1366-1377	7.5	28
328	. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1989 , 19, 1337-1349		28
327	Single-View Food Portion Estimation Based on Geometric Models 2015 , 2015, 385-390		27
326	Feasibility and Use of the Mobile Food Record for Capturing Eating Occasions among Children Ages 3-10 Years in Guam. <i>Nutrients</i> , 2015 , 7, 4403-15	6.7	27
325	A Novel Dietary Assessment Method to Measure a Healthy and Sustainable Diet Using the Mobile Food Record: Protocol and Methodology. <i>Nutrients</i> , 2015 , 7, 5375-95	6.7	27
324	AN IMAGE ANALYSIS SYSTEM FOR DIETARY ASSESSMENT AND EVALUATION. <i>Proceedings International Conference on Image Processing</i> , 2010 , 1853-1856	1.6	27
323	Security of digital entertainment content from creation to consumption. <i>Signal Processing: Image Communication</i> , 2003 , 18, 237-262	2.8	27
322	Deepfakes Detection with Automatic Face Weighting 2020 ,		27
321	. <i>IEEE Transactions on Multimedia</i> , 2011 , 13, 922-934	6.6	25
320	Preferred Tone of Nutrition Text Messages for Young Adults: Focus Group Testing. <i>JMIR MHealth and UHealth</i> , 2016 , 4, e1	5.5	25
319	MODEL-BASED FOOD VOLUME ESTIMATION USING 3D POSE. <i>Proceedings International Conference on Image Processing</i> , 2013 , 2013, 2534-2538	1.6	24
318	Automatic portion estimation and visual refinement in mobile dietary assessment. <i>Proceedings of SPIE</i> , 2010 , 7533,	1.7	24
317	Personal Dietary Assessment Using Mobile Devices. <i>Proceedings of SPIE</i> , 2009 , 7246,	1.7	24
316	Adolescents in the United States can identify familiar foods at the time of consumption and when prompted with an image 14 h postprandial, but poorly estimate portions. <i>Public Health Nutrition</i> , 2011 , 14, 1184-91	3.3	24
315	A Counter-Forensic Method for CNN-Based Camera Model Identification 2017 ,		23
314	2011 ,		23

313	Forensic classification of imaging sensor types 2007 ,		23
312	Locating Objects Without Bounding Boxes 2019 ,		23
311	Block artifact reduction using a transform-domain Markov random field model. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2005 , 15, 1583-1593	6.4	21
310	A study of the generalized morphological filter. <i>Circuits, Systems, and Signal Processing</i> , 1992 , 11, 229-252.	2.2	21
309	Three Dimensional Fluorescence Microscopy Image Synthesis and Segmentation 2018 ,		21
308	Classical geometrical approach to circle fitting Review and new developments. <i>Journal of Electronic Imaging</i> , 2003 , 12, 179	0.7	20
307	. <i>IEEE Transactions on Communications</i> , 1991 , 39, 1549-1558	6.9	20
306	Filtering to remove cloud cover in satellite imagery. <i>IEEE Transactions on Geoscience Electronics</i> , 1977 , 15, 137-141		20
305	A Mobile Food Record For Integrated Dietary Assessment 2016 , 2016, 53-62		20
304	Effect of Fibre Supplementation on Body Weight and Composition, Frequency of Eating and Dietary Choice in Overweight Individuals. <i>Nutrients</i> , 2017 , 9,	6.7	19
303	Food Volume Estimation in a Mobile Phone Based Dietary Assessment System 2012 ,		19
302	Efficient and Low-Complexity Surveillance Video Compression Using Backward-Channel Aware Wyner-Ziv Video Coding. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2009 , 19, 453-463.	6.4	19
301	Mobile Analytics for Emergency Response and Training. <i>Information Visualization</i> , 2008 , 7, 77-88	2.4	19
300	Preclinical ROC studies of digital stereomammography. <i>IEEE Transactions on Medical Imaging</i> , 1995 , 14, 318-27	11.7	19
299	A COMPARISON OF FOOD PORTION SIZE ESTIMATION USING GEOMETRIC MODELS AND DEPTH IMAGES. <i>Proceedings International Conference on Image Processing</i> , 2016 , 2016, 26-30	1.6	19
298	Effects of Intermittent Energy Restriction Combined with a Mediterranean Diet on Reducing Visceral Adiposity: A Randomized Active Comparator Pilot Study. <i>Nutrients</i> , 2019 , 11,	6.7	18
297	A system for large-scale analysis of distributed cameras 2014 ,		18
296	IMART software for correction of motion artifacts in images collected in intravital microscopy. <i>Intravital</i> , 2014 , 3, e28210		18

295	Digital correction of motion artefacts in microscopy image sequences collected from living animals using rigid and nonrigid registration. <i>Journal of Microscopy</i> , 2012 , 245, 148-60	1.9	18
294	Segmentation Assisted Food Classification for Dietary Assessment. <i>Proceedings of SPIE</i> , 2011 , 7873, 78730B		18
293	A wavelet watermarking algorithm based on a tree structure 2004 , 5306, 571		18
292	Viewpoint invariant recovery of visual surfaces from sparse data. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1992 , 14, 897-909	13.3	18
291	An Extreme Learning Machine-based pedestrian detection method 2013 ,		17
290	Counting plants using deep learning 2017 ,		16
289	Adaptive gray scale mapping to reduce registration noise in difference images. <i>Computer Vision, Graphics, and Image Processing</i> , 1986 , 33, 129-137		15
288	Automatic Plant Counting and Location Based on a Few-Shot Learning Technique. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020 , 13, 5872-5886	4.7	15
287	Single-View Food Portion Estimation: Learning Image-to-Energy Mappings Using Generative Adversarial Networks 2018 ,		15
286	WEAKLY SUPERVISED FOOD IMAGE SEGMENTATION USING CLASS ACTIVATION MAPS. <i>Proceedings International Conference on Image Processing</i> , 2017 , 2017, 1277-1281	1.6	14
285	Robust local and global shape context for tattoo image matching 2015 ,		14
284	Rate-distortion analysis of motion-compensated rate scalable video. <i>IEEE Transactions on Image Processing</i> , 2006 , 15, 2170-90	8.7	14
283	The Watermark Evaluation Testbed (WET) 2004 , 5306, 236		14
282	Multimedia security: the 22nd century approach. <i>Multimedia Systems</i> , 2005 , 11, 95-97	2.2	14
281	Overview of image security techniques with applications in multimedia systems 1998 ,		14
280	. <i>Computer</i> , 1992 , 25, 73-77	1.6	14
279	. <i>IEEE Transactions on Information Theory</i> , 1993 , 39, 1907-1922	2.8	14
278	A model for an intelligent operating system for executing image understanding tasks on a reconfigurable parallel architecture. <i>Journal of Parallel and Distributed Computing</i> , 1989 , 6, 598-622	4.4	14

277	Context Based Image Analysis With Application in Dietary Assessment and Evaluation. <i>Multimedia Tools and Applications</i> , 2018 , 77, 19769-19794	2.5	13
276	Nuclei Segmentation of Fluorescence Microscopy Images Using Three Dimensional Convolutional Neural Networks 2017 ,		13
275	. <i>IEEE Transactions on Signal Processing</i> , 1991 , 39, 967-971	4.8	13
274	Accuracy of automatically determined borders in digital two-dimensional echocardiography using a cardiac phantom. <i>IEEE Transactions on Medical Imaging</i> , 1987 , 6, 292-6	11.7	13
273	Survey of Scanner and Printer Forensics at Purdue University. <i>Lecture Notes in Computer Science</i> , 2008 , 22-34	0.9	13
272	Association between Cognitive Restraint, Uncontrolled Eating, Emotional Eating and BMI and the Amount of Food Wasted in Early Adolescent Girls. <i>Nutrients</i> , 2018 , 10,	6.7	13
271	Nuclei segmentation of fluorescence microscopy images using convolutional neural networks 2017 ,		12
270	The Effect of Timing of Exercise and Eating on Postprandial Response in Adults: A Systematic Review. <i>Nutrients</i> , 2020 , 12,	6.7	12
269	A comprehensive multimodal eye recognition. <i>Signal, Image and Video Processing</i> , 2013 , 7, 619-631	1.6	12
268	. <i>IEEE Transactions on Multimedia</i> , 2017 , 19, 544-558	6.6	12
267	Quality fusion based multimodal eye recognition 2012 ,		12
266	Image Enhancement and Quality Measures for Dietary Assessment Using Mobile Devices. <i>Proceedings of SPIE</i> , 2012 , 8296,	1.7	12
265	Scanner identification with extension to forgery detection 2008 ,		12
264	Streaming video and rate-scalable compression: What are the challenges for watermarking? 2001 , 4314, 116		12
263	Temporal synchronization in video watermarking 2002 , 4675, 478		12
262	Multilevel Segmentation for Food Classification in Dietary Assessment. <i>Proc Int Symp Image Signal Process Anal</i> , 2011 , 337-342		12
261	Color difference weighted adaptive residual preprocessing using perceptual modeling for video compression. <i>Signal Processing: Image Communication</i> , 2015 , 39, 355-368	2.8	11
260	Pediatric Videosomnography: Can Signal/Video Processing Distinguish Sleep and Wake States?. <i>Frontiers in Pediatrics</i> , 2018 , 6, 158	3.4	11

259	A study on the effect of camera motion on human visual attention 2008 ,		11
258	Robust and efficient image segmentation approaches using Markov random field models. <i>Journal of Electronic Imaging</i> , 2003 , 12, 50	0.7	11
257	Color image coding using morphological pyramid decomposition. <i>IEEE Transactions on Image Processing</i> , 1995 , 4, 177-85	8.7	11
256	. <i>IEEE Transactions on Communications</i> , 1993 , 41, 70-82	6.9	11
255	Fooling PRNU-Based Detectors Through Convolutional Neural Networks 2018 ,		11
254	Reliability Map Estimation for CNN-Based Camera Model Attribution 2018 ,		11
253	Splicing Detection and Localization In Satellite Imagery Using Conditional GANs 2019 ,		10
252	Nuclei detection and segmentation of fluorescence microscopy images using three dimensional convolutional neural networks 2018 ,		10
251	Development of a Mobile User Interface for Image-based Dietary Assessment 2010 , 2010, 13		10
250	Crowd flow estimation using multiple visual features for scenes with changing crowd densities 2011 ,		10
249	Temporal Dietary Patterns Using Kernel k-Means Clustering 2011 , 2011, 375-380		10
248	Decomposing parameters of mixture Gaussian model using genetic and maximum likelihood algorithms on dental images. <i>Pattern Recognition Letters</i> , 2006 , 27, 1522-1536	4.7	10
247	An automatic face detection and recognition system for video indexing applications 2002 ,		10
246	Video scene change detection using the generalized sequence trace		10
245	Issues in the design of studies to test the effectiveness of stereo imaging. <i>IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans</i> , 1996 , 26, 810-819		10
244	An Investigation of Scalable SIMD I/O Techniques with Application to Parallel JPEG Compression. <i>Journal of Parallel and Distributed Computing</i> , 1995 , 30, 111-128	4.4	10
243	Image segmentation based on composite random field models. <i>Optical Engineering</i> , 1992 , 31, 2594	1.1	10
242	CONTEXT BASED FOOD IMAGE ANALYSIS. <i>Proceedings International Conference on Image Processing</i> , 2013 , 2013, 2748-2752	1.6	9

241	BMI is Associated with the Willingness to Record Diet with a Mobile Food Record among Adults Participating in Dietary Interventions. <i>Nutrients</i> , 2017 , 9,	6.7	9
240	Three dimensional segmentation of fluorescence microscopy images using active surfaces 2013 ,		9
239	Image Segmentation for Image-Based Dietary Assessment: A Comparative Study 2013 , 2013,		9
238	INTEGRATED DATABASE SYSTEM FOR MOBILE DIETARY ASSESSMENT AND ANALYSIS 2011 , 2011,		9
237	Object tracking initialization using automatic moving object detection 2010 ,		9
236	Characterization of RF Devices using Two-Tone Probe Signals 2007 ,		9
235	Wyner's Video Coding With Universal Prediction. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2006 , 16, 1430-1436	6.4	9
234	A key transport protocol based on secret sharing applications to information security. <i>IEEE Transactions on Consumer Electronics</i> , 2003 , 48, 816-824	4.8	9
233			9
232	Estimating displacement vectors from an image sequence. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1989 , 6, 871	1.8	9
231	Improving Nutrition and Activity Behaviors Using Digital Technology and Tailored Feedback: Protocol for the Tailored Diet and Activity (ToDAy) Randomized Controlled Trial. <i>JMIR Research Protocols</i> , 2019 , 8, e12782	2	9
230	Counting Bites With Bits: Expert Workshop Addressing Calorie and Macronutrient Intake Monitoring. <i>Journal of Medical Internet Research</i> , 2019 , 21, e14904	7.6	9
229	On Tree Structured Classifiers. <i>Machine Intelligence and Pattern Recognition</i> , 1991 , 51-70		9
228	Nuclei segmentation of fluorescence microscopy images based on midpoint analysis and marked point process 2016 ,		9
227	Dietary Assessment of domoic acid Exposure: What can be learned from traditional methods and new applications for a technology assisted device. <i>Harmful Algae</i> , 2016 , 57, 51-55	5.3	9
226	Three Dimensional Blind Image Deconvolution for Fluorescence Microscopy using Generative Adversarial Networks 2019 ,		8
225	Digital watermarking for camera-captured images based on just noticeable distortion and Wiener filtering. <i>Journal of Visual Communication and Image Representation</i> , 2018 , 53, 146-160	2.7	8
224	Perception v. actual intakes of junk food and sugar-sweetened beverages in Australian young adults: assessed using the mobile food record. <i>Public Health Nutrition</i> , 2017 , 20, 2300-2307	3.3	8

223	Segmentation of fluorescence microscopy images using three dimensional active contours with inhomogeneity correction 2017 ,		8
222	Analysis of Large-Scale Distributed Cameras Using the Cloud. <i>IEEE Cloud Computing</i> , 2015 , 2, 54-62		8
221	Automatic detection of abnormal human events on train platforms 2014 ,		8
220	A New Texture Feature for Improved Food Recognition Accuracy in a Mobile Phone Based Dietary Assessment System 2012 ,		8
219	A comprehensive approach for sclera image quality measure. <i>International Journal of Biometrics</i> , 2013 , 5, 181	0.4	8
218	Intrinsic signatures for scanned documents forensics : Effect of font shape and size 2010 ,		8
217	Printer and Scanner Forensics: Models and Methods. <i>Studies in Computational Intelligence</i> , 2010 , 145-187.	0.8	8
216	Forensic printer detection using intrinsic signatures 2011 ,		8
215	Adaptive lossless video compression using an integer wavelet transform		8
214	Guest editorial special issue on signal processing for data hiding in digital media and secure content delivery. <i>IEEE Transactions on Signal Processing</i> , 2003 , 51, 897-897	4.8	8
213	On the distribution of a deforming triangle. <i>Pattern Recognition</i> , 1990 , 23, 1333-1341	7.7	8
212	Temporal Dietary Patterns Are Associated with Obesity in US Adults. <i>Journal of Nutrition</i> , 2020 , 150, 3259-3268	4.1	8
211	Perception of 3D Symmetrical and Nearly Symmetrical Shapes. <i>Symmetry</i> , 2018 , 10, 344	2.7	8
210	Binocular 3D Object Recovery Using a Symmetry Prior. <i>Symmetry</i> , 2017 , 9, 64	2.7	7
209	Characterizing Early Adolescent Plate Waste Using the Mobile Food Record. <i>Nutrients</i> , 2017 , 9,	6.7	7
208	A Mobile Phone User Interface for Image-Based Dietary Assessment. <i>Proceedings of SPIE</i> , 2014 , 9030,	1.7	7
207	Spatial subsampling-based multiple description video coding with adaptive temporal-spatial error concealment 2015 ,		7
206	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2011 , 5, 1277-1281	7.5	7

205	Low Complexity Image Quality Measures for Dietary Assessment Using Mobile Devices 2011 , 2011, 351-356	7
204	Source scanner identification for scanned documents 2009 ,	7
203	Video coding using motion classification 2008 ,	7
202	. <i>IEEE Signal Processing Magazine</i> , 2006 , 23, 76-82	9.4 7
201	Protection of multicast scalable video by secret sharing: simulation results 2003 , 5020, 505	7
200	Streaming video and rate scalable compression: what are the challenges for watermarking?. <i>Journal of Electronic Imaging</i> , 2004 , 13, 198	0.7 7
199	Further progress in watermark evaluation testbed (WET) 2005 ,	7
198	Detecting edge segments. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1985 , SMC-15, 144-152	7
197	The Use of Temporal Information in Food Image Analysis. <i>Lecture Notes in Computer Science</i> , 2015 , 9281, 317-325	0.9 7
196	Integrating crop growth models with remote sensing for predicting biomass yield of sorghum. <i>In Silico Plants</i> , 2021 , 3,	3.2 7
195	Feasibility of Assessing Diet with a Mobile Food Record for Adolescents and Young Adults with Down Syndrome. <i>Nutrients</i> , 2017 , 9,	6.7 6
194	Recognition, segmentation and retrieval of gang graffiti images on a mobile device 2013 ,	6
193	THE USE OF CO-OCCURRENCE PATTERNS IN SINGLE IMAGE BASED FOOD PORTION ESTIMATION 2017 , 2017, 462-466	6
192	Locating Crop Plant Centers from UAV-Based RGB Imagery 2017 ,	6
191	Robust image watermarking based on luminance modification. <i>Journal of Electronic Imaging</i> , 2013 , 22, 033009	0.7 6
190	Neighborhood matching for object recognition algorithms based on local image features 2011 ,	6
189	User generated video annotation using Geo-tagged image databases 2009 ,	6
188	Background subtraction using a pixel-wise adaptive learning rate for object tracking initialization 2011 ,	6

187	Situational Awareness and Visual Analytics for Emergency Response and Training 2008 ,		6
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