

# Petia I Radeva

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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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.

243  
papers

3,749  
citations

32  
h-index

51  
g-index

261  
ext. papers

4,438  
ext. citations

3.4  
avg, IF

5.55  
L-index

#	Paper	IF	Citations
243	Optimized Multimodal Neurological Image Fusion based on Low-rank Texture Prior Decomposition and Super-pixel Segmentation. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2022</b> , 1-1	5.2	2
242	Opt-SSL: An Enhanced Self-Supervised Framework for Food Recognition. <i>Lecture Notes in Computer Science</i> , <b>2022</b> , 655-666	0.9	
241	Data preparation for artificial intelligence in medical imaging: A comprehensive guide to open-access platforms and tools. <i>Physica Medica</i> , <b>2021</b> , 83, 25-37	2.7	19
240	Does our social life influence our nutritional behaviour? Understanding nutritional habits from egocentric photo-streams. <i>Expert Systems With Applications</i> , <b>2021</b> , 171, 114506	7.8	
239	CoLe-CNN: Context-learning convolutional neural network with adaptive loss function for lung nodule segmentation. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 198, 105792	6.9	16
238	S2ML-TL Framework for Multi-label Food Recognition. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 629-646	0.9	2
237	Understanding Event Boundaries for Egocentric Activity Recognition from Photo-Streams. <i>Lecture Notes in Computer Science</i> , <b>2021</b> , 334-347	0.9	
236	Behavioural and neurophysiological signatures in the retrieval of individual memories of recent and remote real-life routine episodic events. <i>Cortex</i> , <b>2021</b> , 141, 128-143	3.8	1
235	CoLe-CNN+: Context learning - Convolutional neural network for COVID-19-Ground-Glass-Opacities detection and segmentation. <i>Computers in Biology and Medicine</i> , <b>2021</b> , 136, 104689	7	3
234	SLSNet: Skin lesion segmentation using a lightweight generative adversarial network. <i>Expert Systems With Applications</i> , <b>2021</b> , 183, 115433	7.8	10
233	Egocentric vision for lifestyle understanding <b>2021</b> , 415-433		
232	Uncertainty Modeling and Deep Learning Applied to Food Image Analysis. <i>Communications in Computer and Information Science</i> , <b>2021</b> , 3-16	0.3	1
231	Activities of Daily Living Monitoring via a Wearable Camera: Toward Real-World Applications. <i>IEEE Access</i> , <b>2020</b> , 8, 77344-77363	3.5	4
230	DeepNEM: Deep Network Energy-Minimization for Agricultural Field Segmentation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2020</b> , 13, 726-737	4.7	1
229	Topic modelling for routine discovery from egocentric photo-streams. <i>Pattern Recognition</i> , <b>2020</b> , 104, 107330	7.7	6
228	Training Convolutional Nets to Detect Calcified Plaque in IVUS Sequences <b>2020</b> , 141-158		1
227	Computer-Aided Detection of Intracoronary Stent Location and Extension in Intravascular Ultrasound Sequences <b>2020</b> , 159-183		

226	Behavioural Pattern Discovery from Collections of Egocentric Photo-Streams. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 469-484	0.9	
225	Uncertainty-aware integration of local and flat classifiers for food recognition. <i>Pattern Recognition Letters</i> , <b>2020</b> , 136, 237-243	4.7	4
224	Web-based efficient dual attention networks to detect COVID-19 from X-ray images. <i>Electronics Letters</i> , <b>2020</b> , 56, 1298-1301	1.1	5
223	NSST domain CTMR neurological image fusion using optimised biologically inspired neural network. <i>IET Image Processing</i> , <b>2020</b> , 14, 4291-4305	1.7	4
222	Hierarchical Approach to Classify Food Scenes in Egocentric Photo-Streams. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2020</b> , 24, 866-877	7.2	3
221	Social Relation Recognition in Egocentric Photostreams <b>2019</b> ,		5
220	Multiple Wavelet Pooling for CNNs. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 671-675	0.9	3
219	Recognizing Food Places in Egocentric Photo-Streams Using Multi-Scale Atrous Convolutional Networks and Self-Attention Mechanism. <i>IEEE Access</i> , <b>2019</b> , 7, 39069-39082	3.5	4
218	Acceptability of a lifelogging wearable camera in older adults with mild cognitive impairment: a mixed-method study. <i>BMC Geriatrics</i> , <b>2019</b> , 19, 110	4.1	15
217	Potential Use of Mobile Phone Applications for Self-Monitoring and Increasing Daily Fruit and Vegetable Consumption: A Systematized Review. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	17
216	Regularized uncertainty-based multi-task learning model for food analysis. <i>Journal of Visual Communication and Image Representation</i> , <b>2019</b> , 60, 360-370	2.7	15
215	MACNet: Multi-scale Atrous Convolution Networks for Food Places Classification in Egocentric Photo-Streams. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 423-433	0.9	4
214	Where and What Am I Eating? Image-Based Food Menu Recognition. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 590-605	0.9	1
213	Unsupervised Routine Discovery in Egocentric Photo-Streams. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 576-588	0.9	5
212	Class-Conditional Data Augmentation Applied to Image Classification. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 182-192	0.9	2
211	Food Recognition by Integrating Local and Flat Classifiers. <i>Lecture Notes in Computer Science</i> , <b>2019</b> , 65-74.	0.9	3
210	Seeing and Hearing Egocentric Actions: How Much Can We Learn? <b>2019</b> ,		5
209	Assessment of intracoronary stent location and extension in intravascular ultrasound sequences. <i>Medical Physics</i> , <b>2019</b> , 46, 484-493	4.4	4

208	Egocentric video description based on temporally-linked sequences. <i>Journal of Visual Communication and Image Representation</i> , <b>2018</b> , 50, 205-216	2.7	14
207	Batch-based activity recognition from egocentric photo-streams revisited. <i>Pattern Analysis and Applications</i> , <b>2018</b> , 21, 953-965	2.3	7
206	Calcium detection, its quantification, and grayscale morphology-based risk stratification using machine learning in multimodality big data coronary and carotid scans: A review. <i>Computers in Biology and Medicine</i> , <b>2018</b> , 101, 184-198	7	19
205	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 3266-3275	6.6	47
204	Towards Egocentric Sentiment Analysis. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 297-305	0.9	1
203	Calcified Plaque Detection in IVUS Sequences: Preliminary Results Using Convolutional Nets. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 34-42	0.9	7
202	Towards social pattern characterization in egocentric photo-streams. <i>Computer Vision and Image Understanding</i> , <b>2018</b> , 171, 104-117	4.3	16
201	Deep Learning Features for Wireless Capsule Endoscopy Analysis. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 326-333	0.9	1
200	Sentiment Recognition in Egocentric Photostreams. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 471-479	0.9	5
199	Well-balanced system for coronary calcium detection and volume measurement in a low resolution intravascular ultrasound videos. <i>Computers in Biology and Medicine</i> , <b>2017</b> , 84, 168-181	7	9
198	SR-clustering: Semantic regularized clustering for egocentric photo streams segmentation. <i>Computer Vision and Image Understanding</i> , <b>2017</b> , 155, 55-69	4.3	27
197	Wall-based measurement features provides an improved IVUS coronary artery risk assessment when fused with plaque texture-based features during machine learning paradigm. <i>Computers in Biology and Medicine</i> , <b>2017</b> , 91, 198-212	7	25
196	Relationship between Automated Coronary Calcium Volumes and a Set of Manual Coronary Lumen Volume, Vessel Volume and Atheroma Volume in Japanese Diabetic Cohort. <i>Journal of Clinical and Diagnostic Research JCDR</i> , <b>2017</b> , 11, TC09-TC14	0	5
195	Clothing and People - A Social Signal Processing Perspective <b>2017</b> ,		2
194	Semantic Summarization of Egocentric Photo Stream Events <b>2017</b> ,		6
193	<b>2017</b> ,		4
192	Food Ingredients Recognition Through Multi-label Learning. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 394-402	0.9	13
191	Batch-Based Activity Recognition from Egocentric Photo-Streams <b>2017</b> ,		5

190	Recognizing Activities of Daily Living from Egocentric Images. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 87-95	0.9	9
189	Leveraging Activity Indexing for Egocentric Image Retrieval. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 295-303	0.9	6
188	VIBIKNet: Visual Bidirectional Kernelized Network for Visual Question Answering. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 372-380	0.9	2
187	Intra-coronary Stent Localization in Intravascular Ultrasound Sequences, A Preliminary Study. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 12-19	0.9	2
186	Food Recognition Using Fusion of Classifiers Based on CNNs. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 213-224	0.9	20
185	Multi-face tracking by extended bag-of-tracklets in egocentric photo-streams. <i>Computer Vision and Image Understanding</i> , <b>2016</b> , 149, 146-156	4.3	14
184	Generic feature learning for wireless capsule endoscopy analysis. <i>Computers in Biology and Medicine</i> , <b>2016</b> , 79, 163-172	7	62
183	Reliable and Accurate Calcium Volume Measurement in Coronary Artery Using Intravascular Ultrasound Videos. <i>Journal of Medical Systems</i> , <b>2016</b> , 40, 51	5.1	18
182	Simultaneous food localization and recognition <b>2016</b> ,		31
181	Five multiresolution-based calcium volume measurement techniques from coronary IVUS videos: A comparative approach. <i>Computer Methods and Programs in Biomedicine</i> , <b>2016</b> , 134, 237-58	6.9	17
180	Computer-aided detection of intracoronary stent in intravascular ultrasound sequences. <i>Medical Physics</i> , <b>2016</b> , 43, 5616	4.4	8
179	With whom do I interact? Detecting social interactions in egocentric photo-streams <b>2016</b> ,		10
178	Motility bar: A new tool for motility analysis of endoluminal videos. <i>Computers in Biology and Medicine</i> , <b>2015</b> , 65, 320-30	7	5
177	Meta-Parameter Free Unsupervised Sparse Feature Learning. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2015</b> , 37, 1716-22	13.3	50
176	Classification of functional bowel disorders by objective physiological criteria based on endoluminal image analysis. <i>American Journal of Physiology - Renal Physiology</i> , <b>2015</b> , 309, G413-9	5.1	26
175	Visual summary of egocentric photostreams by representative keyframes <b>2015</b> ,		12
174	Towards social interaction detection in egocentric photo-streams <b>2015</b> ,		2
173	A comparative approach of four different image registration techniques for quantitative assessment of coronary artery calcium lesions using intravascular ultrasound. <i>Computer Methods and Programs in Biomedicine</i> , <b>2015</b> , 118, 158-72	6.9	38

172	R-Clustering for Egocentric Video Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 327-336	0.9	17
171	Object Discovery Using CNN Features in Egocentric Videos. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 67-74	0.9	4
170	Detection of wrinkle frames in endoluminal videos using betweenness centrality measures for images. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 1831-8	7.2	9
169	Standardized evaluation methodology and reference database for evaluating IVUS image segmentation. <i>Computerized Medical Imaging and Graphics</i> , <b>2014</b> , 38, 70-90	7.6	81
168	Intestinal event segmentation for endoluminal video analysis <b>2014</b> ,		2
167	ECOC-DRF: Discriminative random fields based on error correcting output codes. <i>Pattern Recognition</i> , <b>2014</b> , 47, 2193-2204	7.7	4
166	Diaphragm border detection in coronary X-ray angiographies: New method and applications. <i>Computerized Medical Imaging and Graphics</i> , <b>2014</b> , 38, 296-305	7.6	8
165	Approximate polytope ensemble for one-class classification. <i>Pattern Recognition</i> , <b>2014</b> , 47, 854-864	7.7	32
164	Video Segmentation of Life-Logging Videos. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 1-9	0.9	4
163	Label Consistent Multiclass Discriminative Dictionary Learning for MRI Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 138-147	0.9	4
162	Adaptable image cuts for motility inspection using WCE. <i>Computerized Medical Imaging and Graphics</i> , <b>2013</b> , 37, 72-80	7.6	12
161	Automatic non-rigid temporal alignment of intravascular ultrasound sequences: method and quantitative validation. <i>Ultrasound in Medicine and Biology</i> , <b>2013</b> , 39, 1698-712	3.5	6
160	A Supervised Graph-Cut Deformable Model for Brain MRI Segmentation. <i>Lecture Notes in Computational Vision and Biomechanics</i> , <b>2013</b> , 237-259	0.3	
159	Active labeling application applied to food-related object recognition <b>2013</b> ,		6
158	Robust and Accurate Diaphragm Border Detection in Cardiac X-Ray Angiographies. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 225-234	0.9	1
157	Learning to Detect Stent Struts in Intravascular Ultrasound. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 575-583	0.9	1
156	Stent shape estimation through a comprehensive interpretation of intravascular ultrasound images. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 16, 345-52	0.9	1
155	An Application for Efficient Error-Free Labeling of Medical Images. <i>Intelligent Systems Reference Library</i> , <b>2013</b> , 1-16	0.8	

154	Minimal design of error-correcting output codes. <i>Pattern Recognition Letters</i> , <b>2012</b> , 33, 693-702	4.7	36
153	Automatic bifurcation detection in coronary IVUS sequences. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2012</b> , 59, 1022-31	5	23
152	Functional gut disorders or disordered gut function? Small bowel dysmotility evidenced by an original technique. <i>Neurogastroenterology and Motility</i> , <b>2012</b> , 24, 223-8, e104-5	4	31
151	Categorization and segmentation of intestinal content frames for wireless capsule endoscopy. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2012</b> , 16, 1341-52		30
150	Automatic brain caudate nuclei segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder. <i>Computerized Medical Imaging and Graphics</i> , <b>2012</b> , 36, 591-600	7.6	18
149	Graph cuts optimization for multi-limb human segmentation in depth maps <b>2012</b> ,		25
148	Supervised brain segmentation and classification in diagnostic of Attention-Deficit/Hyperactivity Disorder <b>2012</b> ,		4
147	HoliMAB: a holistic approach for Media-Adventitia border detection in intravascular ultrasound. <i>Medical Image Analysis</i> , <b>2012</b> , 16, 1085-100	15.4	45
146	Personalization and user verification in wearable systems using biometric walking patterns. <i>Personal and Ubiquitous Computing</i> , <b>2012</b> , 16, 563-580	2.1	99
145	Social network extraction and analysis based on multimodal dyadic interaction. <i>Sensors</i> , <b>2012</b> , 12, 1702-198	1.98	8
144	Accurate coronary centerline extraction, caliber estimation and catheter detection in angiographies. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2012</b> , 16, 1332-40		40
143	Relation between plaque type, plaque thickness, blood shear stress, and plaque stress in coronary arteries assessed by X-ray angiography and intravascular ultrasound. <i>Medical Physics</i> , <b>2012</b> , 39, 7430-45	4.4	6
142	Human limb segmentation in depth maps based on spatio-temporal Graph-cuts optimization. <i>Journal of Ambient Intelligence and Smart Environments</i> , <b>2012</b> , 4, 535-546	2.2	3
141	Automatic Internal Segmentation of Caudate Nucleus for Diagnosis of Attention-Deficit/Hyperactivity Disorder. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 222-229	0.9	4
140	Automatic non-rigid temporal alignment of IVUS sequences. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 15, 642-50	0.9	3
139	Coronary Atherosclerotic Plaque Characterization By Intravascular Ultrasound <b>2012</b> , 177-201		
138	Human Relative Position Detection Based on Mutual Occlusion. <i>Lecture Notes in Computer Science</i> , <b>2012</b> , 332-339	0.9	
137	A Rayleigh Mixture Model for IVUS Imaging <b>2012</b> , 25-47		5



136	Ultrasound Despeckle Methods <b>2012</b> , 49-71		2
135	Circular blurred shape model for multiclass symbol recognition. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2011</b> , 41, 497-506		28
134	Plaque type, plaque burden, and wall shear stress relation in coronary arteries assessed by x-ray angiography and intravascular ultrasound <b>2011</b> ,		1
133	Rayleigh mixture model for plaque characterization in intravascular ultrasound. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2011</b> , 58, 1314-24	5	51
132	A fully-automatic caudate nucleus segmentation of brain MRI: application in volumetric analysis of pediatric attention-deficit/hyperactivity disorder. <i>BioMedical Engineering OnLine</i> , <b>2011</b> , 10, 105	4.1	20
131	Online error correcting output codes. <i>Pattern Recognition Letters</i> , <b>2011</b> , 32, 458-467	4.7	12
130	Human Activity Recognition from Accelerometer Data Using a Wearable Device. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 289-296	0.9	151
129	Interactive Labeling of WCE Images. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 143-150	0.9	4
128	Non-rigid Multi-modal Registration of Coronary Arteries Using SIFTflow. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 159-166	0.9	7
127	Combining Growcut and Temporal Correlation for IVUS Lumen Segmentation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 556-563	0.9	12
126	Approximate Convex Hulls Family for One-Class Classification. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 106-115	0.9	25
125	Embedding Random Projections in Regularized Gradient Boosting Machines. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 201-216	0.8	3
124	Accurate and robust fully-automatic QCA: method and numerical validation. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 14, 496-503	0.9	5
123	On the Design of Low Redundancy Error-Correcting Output Codes. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 21-38	0.8	1
122	Multi-class Classification in Image Analysis via Error-Correcting Output Codes. <i>Studies in Computational Intelligence</i> , <b>2011</b> , 7-29	0.8	1
121	Automatic Branching Detection in IVUS Sequences. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 126-133	0.9	4
120	A holistic approach for the detection of media-adventitia border in IVUS. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 14, 411-9	0.9	2
119	Adding Classes Online in Error Correcting Output Codes Framework <b>2010</b> ,		1



118	A Meta-Learning Approach to Conditional Random Fields Using Error-Correcting Output Codes <b>2010</b> ,		4
117	Modelling and analyzing multimodal dyadic interactions using social networks <b>2010</b> ,		2
116	On the decoding process in ternary error-correcting output codes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2010</b> , 32, 120-34	13.3	156
115	Spatio-Temporal GrabCut human segmentation for face and pose recovery <b>2010</b> ,		16
114	Ultrasonographic plaque characterization using a rayleigh mixture model <b>2010</b> ,		5
113	Aligning endoluminal scene sequences in wireless capsule endoscopy <b>2010</b> ,		3
112	Automatic Detection of Dominance and Expected Interest. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2010</b> , 2010,	1.9	9
111	Traffic sign recognition system with E-correction. <i>Machine Vision and Applications</i> , <b>2010</b> , 21, 99-111	2.8	12
110	Fusing in-vitro and in-vivo intravascular ultrasound data for plaque characterization. <i>International Journal of Cardiovascular Imaging</i> , <b>2010</b> , 26, 763-79	2.5	19
109	Automatic detection of bioabsorbable coronary stents in IVUS images using a cascade of classifiers. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2010</b> , 14, 535-7		12
108	Intestinal motility assessment with video capsule endoscopy: automatic annotation of phasic intestinal contractions. <i>IEEE Transactions on Medical Imaging</i> , <b>2010</b> , 29, 246-59	11.7	40
107	Re-coding ECOCs without re-training. <i>Pattern Recognition Letters</i> , <b>2010</b> , 31, 555-562	4.7	13
106	SRBF: Speckle reducing bilateral filtering. <i>Ultrasound in Medicine and Biology</i> , <b>2010</b> , 36, 1353-63	3.5	70
105	Real-time gating of IVUS sequences based on motion blur analysis: method and quantitative validation. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 13, 59-67	0.9	10
104	Classification of Coronary Damage in Chronic Chagasic Patients. <i>Studies in Computational Intelligence</i> , <b>2010</b> , 461-477	0.8	
103	Circular Blurred Shape Model for symbol spotting in documents <b>2009</b> ,		7
102	Bilateral enhancers <b>2009</b> ,		7
101	Multimodal Data Fusion for Intelligent Cardiovascular Diagnosis and Treatment in the Active Vessel Medical Workstation. <i>Journal of Intelligent Systems</i> , <b>2009</b> , 18,	1.5	2

100	Fast rigid registration of vascular structures in IVUS sequences. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2009</b> , 13, 1006-11		22
99	Approaching artery rigid dynamics in IVUS. <i>IEEE Transactions on Medical Imaging</i> , <b>2009</b> , 28, 1670-80	11.7	14
98	Separability of ternary codes for sparse designs of error-correcting output codes. <i>Pattern Recognition Letters</i> , <b>2009</b> , 30, 285-297	4.7	73
97	Blurred Shape Model for binary and grey-level symbol recognition. <i>Pattern Recognition Letters</i> , <b>2009</b> , 30, 1424-1433	4.7	60
96	Intravascular Ultrasound Tissue Characterization with Sub-class Error-Correcting Output Codes. <i>Journal of Signal Processing Systems</i> , <b>2009</b> , 55, 35-47	1.4	26
95	Modelling of image-catheter motion for 3-D IVUS. <i>Medical Image Analysis</i> , <b>2009</b> , 13, 91-104	15.4	16
94	Traffic Sign Recognition Using Evolutionary Adaboost Detection and Forest-ECOC Classification. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2009</b> , 10, 113-126	6.1	128
93	Toward Robust Myocardial Blush Grade Estimation in Contrast Angiography. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 249-256	0.9	1
92	Multi-modal laughter recognition in video conversations <b>2009</b> ,		1
91	Automatic Discrimination of Duodenum in Wireless Capsule Video Endoscopy. <i>IFMBE Proceedings</i> , <b>2009</b> , 1536-1539	0.2	5
90	Enhancing In-Vitro IVUS Data for Tissue Characterization. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 241-248	0.9	3
89	Face-to-Face Social Activity Detection Using Data Collected with a Wearable Device. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 56-63	0.9	4
88	Quality Enhancement Based on Reinforcement Learning and Feature Weighting for a Critiquing-Based Recommender. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 298-312	0.9	2
87	Contextual-Guided Bag-of-Visual-Words Model for Multi-class Object Categorization. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 748-756	0.9	5
86	Multi-class Binary Symbol Classification with Circular Blurred Shape Models. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1005-1014	0.9	1
85	ECOC random fields for lumen segmentation in radial artery IVUS sequences. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 12, 869-76	0.9	9
84	Recoding Error-Correcting Output Codes. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 11-21	0.9	7
83	Myocardial perfusion characterization from contrast angiography spectral distribution. <i>IEEE Transactions on Medical Imaging</i> , <b>2008</b> , 27, 641-9	11.7	12

82	New insight into intestinal motor function via noninvasive endoluminal image analysis. <i>Gastroenterology</i> , <b>2008</b> , 135, 1155-62	13.3	72
81	Late stent recoil of the bioabsorbable everolimus-eluting coronary stent and its relationship with plaque morphology. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 52, 1616-20	15.1	82
80	Distance learning for similarity estimation. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2008</b> , 30, 451-62	13.3	50
79	Subclass problem-dependent design for error-correcting output codes. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , <b>2008</b> , 30, 1041-54	13.3	83
78	Separability of ternary Error-Correcting Output Codes <b>2008</b> ,		3
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