Ioannis A Kakadiaris

List of Publications by Year
in descending order

207 papers	4,718 citations	136740 32 h-index	133063 59 g-index
211 all docs	211 docs citations	211 times ranked	4275 citing authors

#	Article	IF	Citations
1	Advancing primary care with Artificial Intelligence and Machine Learning. Healthcare, 2022, 10, 100594.	0.6	11
2	Human activity recognition using robust adaptive privileged probabilistic learning. Pattern Analysis and Applications, 2021, 24, 915-932.	3.1	2
3	Primary Care Artificial Intelligence: A Branch Hiding in Plain Sight. Annals of Family Medicine, 2020, 18, 194-195.	0.9	14
4	Detecting Multi-Scale Faces Using Attention-Based Feature Fusion and Smoothed Context Enhancement. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2020, 2, 235-244.	3.8	4
5	Artificial Intelligence and Family Medicine: Better Together. Family Medicine, 2020, 52, 8-10.	0.3	18
6	SSFD+: A Robust Two-Stage Face Detector. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 181-191.	3.8	4
7	3-D Face Alignment Using A Convolutional Point-Set Representation. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 264-277.	3.8	2
8	On the Importance of Feature Aggregation for Face Reconstruction. , 2019, , .		3
9	Illumination-Invariant Face Recognition With Deep Relit Face Images. , 2019, , .		9
10	SeLENet: A Semi-Supervised Low Light Face Enhancement Method for Mobile Face Unlock. , 2019, , .		1
11	An exploratory decision tree analysis to predict physical activity compliance rates in breast cancer survivors. Ethnicity and Health, 2019, 24, 754-766.	1.5	4
12	GoDP: Globally Optimized Dual Pathway deep network architecture for facial landmark localization in-the-wild. Image and Vision Computing, 2018, 73, 1-16.	2.7	14
13	Annotated face model-based alignment: a robust landmark-free pose estimation approach for 3D model registration. Machine Vision and Applications, 2018, 29, 375-391.	1.7	2
14	SSFD: A Face Detector using A Single-scale Feature Map. , 2018, , .		4
15	Recursive Binary Template Embedding for Face Image Sets. , 2018, , .		0
16	Confidence-Driven Network for Point-to-Set Matching. , 2018, , .		0
17	Multi-view 3D face reconstruction with deep recurrent neural networks. Image and Vision Computing, 2018, 80, 80-91.	2.7	30
18	On the Fusion of RGB and Depth Information for Hand Pose Estimation. , 2018, , .		3

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19	Fully Associative Patch-Based 1-to-N Matcher for Face Recognition. , 2018, , .		0
20	Abstract 17154: Machine Learning Outperforms ACC/AHA CVD Risk Calculator in MESA Offering new opportunities for Short-Term Risk Prediction and Early Detection of the Vulnerable Patient. Circulation, 2018, 138, .	1.6	1
21	An Overview and Empirical Comparison of Distance Metric Learning Methods. IEEE Transactions on Cybernetics, 2017, 47, 612-625.	6.2	53
22	Identifying Human Behaviors Using Synchronized Audio-Visual Cues. IEEE Transactions on Affective Computing, 2017, 8, 54-66.	5.7	9
23	3D-2D face recognition with pose and illumination normalization. Computer Vision and Image Understanding, 2017, 154, 137-151.	3.0	51
24	Joint Head Pose Estimation and Face Alignment Framework Using Global and Local CNN Features. , 2017, , .		46
25	Joint prototype and metric learning for image set classification: Application to video face identification. Image and Vision Computing, 2017, 58, 204-213.	2.7	1
26	Evaluation of a 3D-aided pose invariant 2D face recognition system. , 2017, , .		19
27	UHDB31: A Dataset for Better Understanding Face Recognition Across Pose and Illumination Variation. , 2017, , .		15
28	End-to-End 3D Face Reconstruction with Deep Neural Networks. , 2017, , .		173
29	Local classifier chains for deep face recognition. , 2017, , .		4
30	Multi-view 3D face reconstruction with deep recurrent neural networks. , 2017, , .		3
31	Facial 3D model registration under occlusions with sensiblepoints-based reinforced hypothesis refinement. , 2017, , .		0
32	Inferring Human Activities Using Robust Privileged Probabilistic Learning. , 2017, , .		4
33	Adaptive SVM+: Learning with Privileged Information for Domain Adaptation. , 2017, , .		15
34	[POSTER] Holographic iRay: Exploring Augmentation for Medical Applications. , 2017, , .		6
35	Semi-automatic Initial Registration for the iRay System: A User Study. Lecture Notes in Computer Science, 2017, , 33-42.	1.0	2
36	Regression-based metric learning. , 2016, , .		0

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37	iRay: Mobile AR Using Structure Sensor. , 2016, , .		4
38	Predicting privileged information for height estimation. , 2016, , .		6
39	Rendering or normalization? An analysis of the 3D-aided pose-invariant face recognition. , 2016, , .		14
40	A novel method for imaging the pharmacological effects of antibiotic treatment on Clostridium difficile. Anaerobe, 2016, 40, 10-14.	1.0	7
41	A physics-based intravascular ultrasound image reconstruction method for lumen segmentation. Computers in Biology and Medicine, 2016, 75, 19-29.	3.9	9
42	Exploiting privileged information for facial expression recognition. , 2016, , .		4
43	Show me your body: Gender classification from still images. , 2016, , .		9
44	Active privileged learning of human activities from weakly labeled samples. , 2016, , .		4
45	Face alignment via an ensemble of random ferns. , 2016, , .		4
46	Multi-scale segmentation of neurons based on one-class classification. Journal of Neuroscience Methods, 2016, 266, 94-106.	1.3	7
47	Automatic 2.5-D Facial Landmarking and Emotion Annotation for Social Interaction Assistance. IEEE Transactions on Cybernetics, 2016, 46, 2042-2055.	6.2	24
48	Joint prototype and metric learning for set-to-set matching: Application to biometrics. , 2015, , .		7
49	Can We Do Better in Unimodal Biometric Systems? A Rank-Based Score Normalization Framework. IEEE Transactions on Cybernetics, 2015, 45, 2654-2667.	6.2	4
50	Pose-robust face signature for multi-view face recognition. , 2015, , .		12
51	Towards fitting a 3D dense facial model to a 2D image: A landmark-free approach. , 2015, , .		3
52	PDM-ENLOR for segmentation of mouse brain gene expression images. Medical Image Analysis, 2015, 20, 19-33.	7.0	0
53	Automatic Morphological Reconstruction of Neurons from Multiphoton and Confocal Microscopy Images Using 3D Tubular Models. Neuroinformatics, 2015, 13, 297-320.	1.5	45
54	Improved Automatic Centerline Tracing for Dendritic and Axonal Structures. Neuroinformatics, 2015, 13, 227-244.	1.5	15

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55	Identification of environmental chemicals that induce yolk malabsorption in zebrafish using automated image segmentation. Reproductive Toxicology, 2015, 55, 20-29.	1.3	16
56	Hierarchical multi-label framework for robust face recognition. , 2015, , .		3
57	Rank-based score normalization for multi-biometric score fusion. , 2015, , .		7
58	Addressing the illumination challenge in twoâ€dimensional face recognition: a survey. IET Computer Vision, 2015, 9, 978-992.	1.3	33
59	Segmentation of neurons based on one-class classification. , 2014, , .		2
60	Semi-coupled basis and distance metric learning for cross-domain matching: Application to low-resolution face recognition. , 2014, , .		14
61	Bidimensional empirical mode decomposition-based unlighting for face recognition. , 2014, , .		0
62	Benchmarking 3D Pose Estimation for Face Recognition. , 2014, , .		6
63	Towards intelligent decision making for risk screening. , 2014, , .		0
64	A Comparison of Supervised Machine Learning Techniques for Predicting Short-Term In-Hospital Length of Stay among Diabetic Patients. , 2014, , .		44
65	A framework for building multi-tissue atlas of zebrafish embryo. , 2014, , .		0
66	Mobile User Authentication Using Statistical Touch Dynamics Images. IEEE Transactions on Information Forensics and Security, 2014, 9, 1780-1789.	4.5	57
67	3D dense local point descriptors for mouse brain gene expression images. Computerized Medical Imaging and Graphics, 2014, 38, 326-336.	3.5	2
68	Minimizing Illumination Differences for 3D to 2D Face Recognition Using Lighting Maps. IEEE Transactions on Cybernetics, 2014, 44, 725-736.	6.2	81
69	An Explicit Shape-Constrained MRF-Based Contour Evolution Method for 2-D Medical Image Segmentation. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 120-129.	3.9	17
70	Matching mixtures of curves for human action recognition. Computer Vision and Image Understanding, 2014, 119, 27-40.	3.0	34
71	Feature fusion for facial landmark detection. Pattern Recognition, 2014, 47, 2783-2793.	5.1	34
72	Standardized evaluation methodology and reference database for evaluating IVUS image segmentation. Computerized Medical Imaging and Graphics, 2014, 38, 70-90.	3.5	105

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73	What Do I See? Modeling Human Visual Perception for Multi-person Tracking. Lecture Notes in Computer Science, 2014, , 314-329.	1.0	2
74	Empowering Imbalanced Data in Supervised Learning: A Semi-supervised Learning Approach. Lecture Notes in Computer Science, 2014, , 523-530.	1.0	2
75	UHDB11 Database for 3D-2D Face Recognition. Lecture Notes in Computer Science, 2014, , 73-86.	1.0	11
76	Robust 3D Face Shape Reconstruction from Single Images via Two-Fold Coupled Structure Learning and Off-the-Shelf Landmark Detectors. , 2014, , .		14
77	Fully Associative Ensemble Learning for Hierarchical Multi-Label Classification. , 2014, , .		4
78	Computational Methods for the Analysis of Intravascular Ultrasound Data. , 2014, , 427-444.		0
79	Color constancy in 3D-2D face recognition. , 2013, , .		0
80	The impact of specular highlights on 3D-2D face recognition. Proceedings of SPIE, 2013, , .	0.8	5
81	Segmentation of the Thoracic Aorta in Noncontrast Cardiac CT Images. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 936-949.	3.9	23
82	Automated, Foot-Bone Registration Using Subdivision-Embedded Atlases for Spatial Mapping of Bone Mineral Density. Journal of Digital Imaging, 2013, 26, 554-562.	1.6	5
83	3D face recognition for partial data using Semi-Coupled Dictionary Learning. , 2013, , .		1
84	Illumination alignment using lighting ratio: Application to 3D-2D face recognition. , 2013, , .		8
85	Can we do better in unimodal biometric systems? A novel rank-based score normalization framework for multi-sample galleries. , 2013, , .		3
86	3D Facial Landmark Detection under Large Yaw and Expression Variations. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 1552-1564.	9.7	159
87	3D Face Discriminant Analysis Using Gauss-Markov Posterior Marginals. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 728-739.	9.7	39
88	Segmentation of the luminal border in intravascular ultrasound B-mode images using a probabilistic approach. Medical Image Analysis, 2013, 17, 649-670.	7.0	49
89	PDM-ENLOR: Learning Ensemble of Local PDM-Based Regressions. , 2013, , .		4
90	Improved automatic centerline tracing for dendritic structures. , 2013, , .		6

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91	Benchmarking asymmetric 3D-2D face recognition systems. , 2013, , .		7
92	Cardiovascular Informatics: A Perspective on Promises and Challenges of IVUS Data Analysis. Fields Institute Communications, 2013, , 117-130.	0.6	0
93	A Harmonic Analysis View on Neuroscience Imaging. , 2013, , 423-450.		0
94	Segmentation of zebrafish embryonic images using a geometric atlas deformation. , 2012, 2012, 3998-4001.		1
95	Analysis of Contrast-Enhanced Intravascular Ultrasound Images for the Assessment of Coronary Plaque Neoangiogenesis: Another Step Closer to the Identification of the Vulnerable Plaque. Current Pharmaceutical Design, 2012, 18, 2207-2213.	0.9	12
96	3D/4D facial expression analysis: An advanced annotated face model approach. Image and Vision Computing, 2012, 30, 738-749.	2.7	67
97	To Track or To Detect? An Ensemble Framework for Optimal Selection. Lecture Notes in Computer Science, 2012, , 594-607.	1.0	31
98	Profile-based 3D-aided face recognition. Pattern Recognition, 2012, 45, 43-53.	5.1	18
99	Similarity-Based Appearance-Prior for Fitting a Subdivision Mesh in Gene Expression Images. Lecture Notes in Computer Science, 2012, 15, 577-584.	1.0	5
100	Probabilistic Segmentation of the Lumen from Intravascular Ultrasound Radio Frequency Data. Lecture Notes in Computer Science, 2012, 15, 454-461.	1.0	4
101	Semi-automatic Discrimination of Normal Tissue and Liver Cancer Lesions in Contrast Enhanced X-Ray CT-Scans. Lecture Notes in Computer Science, 2012, , 158-167.	1.0	4
102	Illumination Normalization Using Self-lighting Ratios for 3D2D Face Recognition. Lecture Notes in Computer Science, 2012, , 220-229.	1.0	10
103	Fusion of Human Posture Features for Continuous Action Recognition. Lecture Notes in Computer Science, 2012, , 244-257.	1.0	3
104	Pupil detection under lighting and pose variations in the visible and active infrared bands. , 2011, , .		12
105	Fine-grained categorization of fish motion patterns in underwater videos. , 2011, , .		9
106	Twins 3D face recognition challenge. , 2011, , .		43
107	4D facial expression recognition. , 2011, , .		30
108	Improved face recognition using super-resolution. , 2011, , .		11

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109	UR3D-C: Linear dimensionality reduction for efficient 3D face recognition. , 2011, , .		24
110	Expressive Maps for 3D Facial Expression Recognition. , 2011, , .		14
111	Using Facial Symmetry to Handle Pose Variations in Real-World 3D Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1938-1951.	9.7	207
112	Accurate Landmarking of Three-Dimensional Facial Data in the Presence of Facial Expressions and Occlusions Using a Three-Dimensional Statistical Facial Feature Model. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1417-1428.	5.5	49
113	Landmark/image-based deformable registration of gene expression data. , 2011, , 1089-1096.		14
114	Markov Random Field-based fitting of a subdivision-based geometric atlas. , 2011, 2011, 2540-2547.		7
115	Which parts of the face give out your identity?. , 2011, , .		26
116	Cascaded regression for CT slice localization. , 2011, , .		1
117	Viewpoint invariant 3D landmark model inference from monocular 2D images using higher-order priors. , 2011, , .		9
118	Automatic segmentation of time-lapse microscopy images depicting a live Dharma embryo. , 2011, 2011, 8082-5.		0
119	Lossless 3-D reconstruction and registration of semi-quantitative gene expression data in the mouse brain. , 2011, 2011, 8086-9.		2
120	Comprehensive Non-contrast CT Imaging of the Vulnerable Patient. , 2011, , 375-391.		1
121	Predicting Social Interactions for Visual Tracking. , 2011, , .		4
122	Sparse Representation-Based Super Resolution for Face Recognition At a Distance. , 2011, , .		5
123	Modeling Motion of Body Parts for Action Recognition. , 2011, , .		16
124	Vasa Vasorum Imaging. , 2011, , 507-515.		0
125	Biomedical Computing in Complex Advanced Systems. , 2011, , 177-190.		0
126	Personalized 3D-Aided 2D Facial Landmark Localization. Lecture Notes in Computer Science, 2011, , 633-646.	1.0	0

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127	Towards Extra-Luminal Blood Detection from Intravascular Ultrasound Radio Frequency Data. Lecture Notes in Computer Science, 2011, 14, 396-403.	1.0	1
128	A supervised classification-based method for coronary calcium detection in non-contrast CT. International Journal of Cardiovascular Imaging, 2010, 26, 817-828.	0.7	49
129	Toward the automatic detection of coronary artery calcification in non-contrast computed tomography data. International Journal of Cardiovascular Imaging, 2010, 26, 829-838.	0.7	50
130	Ethnicity- and Gender-based Subject Retrieval UsingÂ3-DÂFace-Recognition Techniques. International Journal of Computer Vision, 2010, 89, 382-391.	10.9	31
131	Functional Morphology Analysis of the Left Anterior Descending Coronary Artery in EBCT Images. IEEE Transactions on Biomedical Engineering, 2010, 57, 1886-1896.	2.5	2
132	Automatic segmentation of the diaphragm in non-contrast CT images. , 2010, , .		10
133	Computer-aided planning for endovascular treatment of intracranial aneurysms (CAPETA). Proceedings of SPIE, 2010, , .	0.8	9
134	Knowledge-based quantification of pericardial fat in non-contrast CT data. Proceedings of SPIE, 2010, , .	0.8	10
135	Aorta segmentation in non-contrast cardiac CT images using an entropy-based cost function. , 2010, , .		9
136	Subdivision meshes for organizing spatial biomedical data. Methods, 2010, 50, 70-76.	1.9	13
137	Automated pipeline for atlas-based annotation of gene expression patterns: Application to postnatal day 7 mouse brain. Methods, 2010, 50, 85-95.	1.9	18
138	Computer-aided non-contrast CT-based quantification of pericardial and thoracic fat and their associations with coronary calcium and metabolic syndrome. Atherosclerosis, 2010, 209, 136-141.	0.4	123
139	Patch-Cuts: A Graph-Based Image Segmentation Method Using Patch Features and Spatial Relations. , 2010, , .		6
140	Local Feature Hashing for face recognition. , 2009, , .		8
141	Localization and Segmentation of Left Ventricle in Cardiac Cine-MR Images. IEEE Transactions on Biomedical Engineering, 2009, 56, 1360-1370.	2.5	65
142	In-vivo imaging of carotid plaque neoangiogenesis with contrast-enhanced harmonic ultrasound. International Journal of Cardiology, 2009, 134, e110-e112.	0.8	25
143	Kernel active contour. , 2009, , .		0
144	An Inverse Scattering Algorithm for the Segmentation of the Luminal Border on Intravascular Ultrasound Data. Lecture Notes in Computer Science, 2009, 12, 885-892.	1.0	11

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145	Unified 3D face and ear recognition using wavelets on geometry images. Pattern Recognition, 2008, 41, 796-804.	5.1	68
146	Guest Editorial Introduction to the Special Section on Computer Vision for Intravascular and Intracardiac Imaging. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 273-276.	3.6	0
147	Image-Based Gating of Intravascular Ultrasound Pullback Sequences. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 299-306.	3.6	33
148	Mortality Incidence and the Severity of Coronary Atherosclerosis Assessed by Computed Tomography Angiography. Journal of the American College of Cardiology, 2008, 52, 1335-1343.	1.2	340
149	A new method for assessment of plaque vulnerability based on vasa vasorum imaging, by using contrast-enhanced intravascular ultrasound and differential image analysis. International Journal of Cardiology, 2008, 130, 23-29.	0.8	63
150	Denoising for 3-D Photon-Limited Imaging Data Using Nonseparable Filterbanks. IEEE Transactions on Image Processing, 2008, 17, 2312-2323.	6.0	9
151	Automated segmentation of thoracic aorta in non-contrast CT images. , 2008, , .		28
152	Wavelet-Based Bayesian Image Estimation: From Marginal and Bivariate Prior Models to Multivariate Prior Models. IEEE Transactions on Image Processing, 2008, 17, 469-481.	6.0	11
153	&#x201C;Quo vadis cardiovascular informatics?&#x201D;. , 2008, , .		0
154	Live Neuron Morphology Automatically Reconstructed From Multiphoton and Confocal Imaging Data. Journal of Neurophysiology, 2008, 100, 2422-2429.	0.9	35
155	A probabilistic segmentation method for the identification of luminal borders in intravascular ultrasound images. , 2008, , .		17
156	Toward Unsupervised Classification of Calcified Arterial Lesions. Lecture Notes in Computer Science, 2008, 11, 144-152.	1.0	8
157	Contrast-enhanced intravascular ultrasound: combining morphology with activity-based assessment of plaque vulnerability. Expert Review of Cardiovascular Therapy, 2007, 5, 917-925.	0.6	9
158	Image-Based Frame Gating of IVUS Pullbacks: A Surrogate for ECG. , 2007, , .		16
159	Three-Dimensional Face Recognition in the Presence of Facial Expressions: An Annotated Deformable Model Approach. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 640-649.	9.7	468
160	Intraclass Retrieval of Nonrigid 3D Objects: Application to Face Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2007, 29, 218-229.	9.7	116
161	Learning-Based Segmentation Framework for Tissue Images Containing Gene Expression Data. IEEE Transactions on Medical Imaging, 2007, 26, 728-744.	5.4	19
162	General Voxelization Algorithm with Scalable GPU Implementation. Journal of Graphics Tools, 2007, 12, 61-71.	0.5	4

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163	DETECTION OF PERIVASCULAR BLOOD FLOW IN VIVO BY CONTRAST-ENHANCED INTRACORONARY ULTRASONOGRAPHY AND IMAGE ANALYSIS: AN ANIMAL STUDY. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 1319-1323.	0.9	10
164	One-Class Acoustic Characterization Applied to Blood Detection in IVUS. , 2007, 10, 202-209.		14
165	Quo Vadis: 3D Face and Ear Recognition?. , 2007, , 139-164.		1
166	Image segmentation based on fuzzy connectedness using dynamic weights. IEEE Transactions on Image Processing, 2006, 15, 1555-1562.	6.0	59
167	Image denoising using a tight frame. IEEE Transactions on Image Processing, 2006, 15, 1254-1263.	6.0	56
168	Expression-invariant multispectral face recognition: you can smile now!. , 2006, 6202, 32.		2
169	3D volume reconstruction of a mouse brain from histological sections using warp filtering. Journal of Neuroscience Methods, 2006, 156, 84-100.	1.3	83
170	PTK: A novel depth buffer-based shape descriptor for three-dimensional object retrieval. Visual Computer, 2006, 23, 5-14.	2.5	26
171	Automated Left Ventricular Segmentation in Cardiac MRI. IEEE Transactions on Biomedical Engineering, 2006, 53, 1425-1428.	2.5	132
172	Flexible Fitting in 3D-EM Guided by the Structural Variability of Protein Superfamilies. Structure, 2006, 14, 1115-1126.	1.6	45
173	Automatic identification of the left ventricle in cardiac cine-MR images: Dual-contrast cluster analysis and scout-geometry approaches. Journal of Magnetic Resonance Imaging, 2006, 23, 641-651.	1.9	23
174	Automated Pericardial Fat Quantification in CT Data. , 2006, 2006, 932-5.		26
175	Combining Optical Imaging and Computational Modeling to Analyze Structure and Function of Living Neurons. , 2006, 2006, 668-70.		3
176	Combining Optical Imaging and Computational Modeling to Analyze Structure and Function of Living Neurons. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
177	Automated Pericardial Fat Quantification in CT Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	1
178	Parametric surface denoising. , 2005, , .		0
179	Building 3D surface networks from 2D curve networks with application to anatomical modeling. Visual Computer, 2005, 21, 764-773.	2.5	28
180	Vasa vasorum imaging: A new window to the clinical detection of vulnerable atherosclerotic plaques. Current Atherosclerosis Reports, 2005, 7, 164-169.	2.0	110

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181	Intravascular Ultrasound-Based Imaging of Vasa Vasorum for the Detection of Vulnerable Atherosclerotic Plaque. Lecture Notes in Computer Science, 2005, 8, 343-351.	1.0	20
182	Hybrid Segmentation Framework for Tissue Images Containing Gene Expression Data. Lecture Notes in Computer Science, 2005, 8, 254-261.	1.0	7
183	Automatic Segmentation of Abdominal Fat from CT Data. , 2005, , .		22
184	Performance Evaluation of Abdominal Fat Burden Quantification in CT. , 2005, 2005, 3280-3.		13
185	Frames-Based Denoising in 3D Confocal Microscopy Imaging. , 2005, 2006, 290-3.		6
186	Evaluation of variability and significance of fundus camera lens distortion. , 2004, 2004, 1497-500.		3
187	Towards automatic reconstruction of dendrite morphology from live neurons. , 2004, 2004, 1798-801.		9
188	Landmark-Driven, Atlas-Based Segmentation of Mouse Brain Tissue Images Containing Gene Expression Data. Lecture Notes in Computer Science, 2004, , 192-199.	1.0	14
189	Left Ventricular Segmentation in MR Using Hierarchical Multi-class Multi-feature Fuzzy Connectedness. Lecture Notes in Computer Science, 2004, , 402-410.	1.0	7
190	Three-Dimensional Shape-Motion Analysis of the Left Anterior Descending Coronary Artery in EBCT Images. Lecture Notes in Computer Science, 2004, , 1025-1033.	1.0	1
191	On the improvement of anthropometry and pose estimation from a single uncalibrated image. Machine Vision and Applications, 2003, 14, 229-236.	1.7	14
192	Introduction to the special issue on human modeling, analysis, and synthesis. Machine Vision and Applications, 2003, 14, 197-198.	1.7	2
193	Properties of Minimum Uncertainty Wavelets and Their Relations to the Harmonic Oscillator and the Coherent States. Journal of Physical Chemistry A, 2003, 107, 7318-7327.	1.1	10
194	Nonseparable radial frame multiresolution analysis in multidimensions and isotropic fast wavelet algorithms. , 2003, 5207, 631.		5
195	A multi-sensory system for the investigation of geoscientific data. Computers and Graphics, 2002, 26, 259-269.	1.4	17
196	g-HDAF Multiresolution Deformable Models. Lecture Notes in Computer Science, 2002, , 21-31.	1.0	1
197	Estimating Anthropometry and Pose from a Single Uncalibrated Image. Computer Vision and Image Understanding, 2001, 81, 269-284.	3.0	65
198	On the Mathematical Properties of Distributed Approximating Functionals. Journal of Mathematical Chemistry, 2001, 30, 83-107.	0.7	7

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199	Tracking Methods for Medical Augmented Reality. Lecture Notes in Computer Science, 2001, , 1404-1405.	1.0	8
200	A Case Study in Multi-Sensory Investigation of Geoscientific Data. Eurographics, 2001, , 3-14.	0.4	0
201	Modeling for Plastic and Reconstructive Breast Surgery. Lecture Notes in Computer Science, 2000, , 1040-1050.	1.0	11
202	Inferring 2D Object Structure from the Deformation of Apparent Contours. Computer Vision and Image Understanding, 1997, 65, 129-147.	3.0	10
203	Passive 3D human motion capture. , 1997, , .		0
204	Elastically adaptive deformable models. Lecture Notes in Computer Science, 1996, , 550-559.	1.0	13
205	Diagram Understanding using Graphics Constraint Grammars. , 1991, , 73-81.		0
206	A third dimension in face recognition. SPIE Newsroom, 0, , .	0.1	3
207	3D Face Recognition in the Presence of Partial Data. Advances in Computational Intelligence and Robotics Book Series, 0, , 70-97.	0.4	0