

Ioannis A Kakadiaris

List of Publications by Year in descending order

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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	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
2	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
3	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
4	End-to-End 3D Face Reconstruction with Deep Neural Networks. , 2017, , .		173
5	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
6	Automated Left Ventricular Segmentation in Cardiac MRI. IEEE Transactions on Biomedical Engineering, 2006, 53, 1425-1428.	2.5	132
7	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
8	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
9	Vasa vasorum imaging: A new window to the clinical detection of vulnerable atherosclerotic plaques. Current Atherosclerosis Reports, 2005, 7, 164-169.	2.0	110
10	Standardized evaluation methodology and reference database for evaluating IVUS image segmentation. Computerized Medical Imaging and Graphics, 2014, 38, 70-90.	3.5	105
11	3D volume reconstruction of a mouse brain from histological sections using warp filtering. Journal of Neuroscience Methods, 2006, 156, 84-100.	1.3	83
12	Minimizing Illumination Differences for 3D to 2D Face Recognition Using Lighting Maps. IEEE Transactions on Cybernetics, 2014, 44, 725-736.	6.2	81
13	Unified 3D face and ear recognition using wavelets on geometry images. Pattern Recognition, 2008, 41, 796-804.	5.1	68
14	3D/4D facial expression analysis: An advanced annotated face model approach. Image and Vision Computing, 2012, 30, 738-749.	2.7	67
15	Estimating Anthropometry and Pose from a Single Uncalibrated Image. Computer Vision and Image Understanding, 2001, 81, 269-284.	3.0	65
16	Localization and Segmentation of Left Ventricle in Cardiac Cine-MR Images. IEEE Transactions on Biomedical Engineering, 2009, 56, 1360-1370.	2.5	65
17	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
18	Image segmentation based on fuzzy connectedness using dynamic weights. IEEE Transactions on Image Processing, 2006, 15, 1555-1562.	6.0	59

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19	Mobile User Authentication Using Statistical Touch Dynamics Images. IEEE Transactions on Information Forensics and Security, 2014, 9, 1780-1789.	4.5	57
20	Image denoising using a tight frame. IEEE Transactions on Image Processing, 2006, 15, 1254-1263.	6.0	56
21	An Overview and Empirical Comparison of Distance Metric Learning Methods. IEEE Transactions on Cybernetics, 2017, 47, 612-625.	6.2	53
22	3D-2D face recognition with pose and illumination normalization. Computer Vision and Image Understanding, 2017, 154, 137-151.	3.0	51
23	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
24	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
25	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
26	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
27	Joint Head Pose Estimation and Face Alignment Framework Using Global and Local CNN Features. , 2017, , .		46
28	Flexible Fitting in 3D-EM Guided by the Structural Variability of Protein Superfamilies. Structure, 2006, 14, 1115-1126.	1.6	45
29	Automatic Morphological Reconstruction of Neurons from Multiphoton and Confocal Microscopy Images Using 3D Tubular Models. Neuroinformatics, 2015, 13, 297-320.	1.5	45
30	A Comparison of Supervised Machine Learning Techniques for Predicting Short-Term In-Hospital Length of Stay among Diabetic Patients. , 2014, , .		44
31	Twins 3D face recognition challenge. , 2011, , .		43
32	3D Face Discriminant Analysis Using Gauss-Markov Posterior Marginals. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 728-739.	9.7	39
33	Live Neuron Morphology Automatically Reconstructed From Multiphoton and Confocal Imaging Data. Journal of Neurophysiology, 2008, 100, 2422-2429.	0.9	35
34	Matching mixtures of curves for human action recognition. Computer Vision and Image Understanding, 2014, 119, 27-40.	3.0	34
35	Feature fusion for facial landmark detection. Pattern Recognition, 2014, 47, 2783-2793.	5.1	34
36	Image-Based Gating of Intravascular Ultrasound Pullback Sequences. IEEE Transactions on Information Technology in Biomedicine, 2008, 12, 299-306.	3.6	33

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37	Addressing the illumination challenge in two-dimensional face recognition: a survey. <i>IET Computer Vision</i> , 2015, 9, 978-992.	1.3	33
38	Ethnicity- and Gender-based Subject Retrieval Using 3D-Face-Recognition Techniques. <i>International Journal of Computer Vision</i> , 2010, 89, 382-391.	10.9	31
39	To Track or To Detect? An Ensemble Framework for Optimal Selection. <i>Lecture Notes in Computer Science</i> , 2012, , 594-607.	1.0	31
40	4D facial expression recognition. , 2011, , .		30
41	Multi-view 3D face reconstruction with deep recurrent neural networks. <i>Image and Vision Computing</i> , 2018, 80, 80-91.	2.7	30
42	Building 3D surface networks from 2D curve networks with application to anatomical modeling. <i>Visual Computer</i> , 2005, 21, 764-773.	2.5	28
43	Automated segmentation of thoracic aorta in non-contrast CT images. , 2008, , .		28
44	PTK: A novel depth buffer-based shape descriptor for three-dimensional object retrieval. <i>Visual Computer</i> , 2006, 23, 5-14.	2.5	26
45	Automated Pericardial Fat Quantification in CT Data. , 2006, 2006, 932-5.		26
46	Which parts of the face give out your identity?. , 2011, , .		26
47	In-vivo imaging of carotid plaque neovascularization with contrast-enhanced harmonic ultrasound. <i>International Journal of Cardiology</i> , 2009, 134, e110-e112.	0.8	25
48	UR3D-C: Linear dimensionality reduction for efficient 3D face recognition. , 2011, , .		24
49	Automatic 2.5-D Facial Landmarking and Emotion Annotation for Social Interaction Assistance. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 2042-2055.	6.2	24
50	Automatic identification of the left ventricle in cardiac cine-MR images: Dual-contrast cluster analysis and scout-geometry approaches. <i>Journal of Magnetic Resonance Imaging</i> , 2006, 23, 641-651.	1.9	23
51	Segmentation of the Thoracic Aorta in Noncontrast Cardiac CT Images. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013, 17, 936-949.	3.9	23
52	Automatic Segmentation of Abdominal Fat from CT Data. , 2005, , .		22
53	Intravascular Ultrasound-Based Imaging of Vasa Vasorum for the Detection of Vulnerable Atherosclerotic Plaque. <i>Lecture Notes in Computer Science</i> , 2005, 8, 343-351.	1.0	20
54	Learning-Based Segmentation Framework for Tissue Images Containing Gene Expression Data. <i>IEEE Transactions on Medical Imaging</i> , 2007, 26, 728-744.	5.4	19

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55	Evaluation of a 3D-aided pose invariant 2D face recognition system. , 2017, , .		19
56	Automated pipeline for atlas-based annotation of gene expression patterns: Application to postnatal day 7 mouse brain. <i>Methods</i> , 2010, 50, 85-95.	1.9	18
57	Profile-based 3D-aided face recognition. <i>Pattern Recognition</i> , 2012, 45, 43-53.	5.1	18
58	Artificial Intelligence and Family Medicine: Better Together. <i>Family Medicine</i> , 2020, 52, 8-10.	0.3	18
59	A multi-sensory system for the investigation of geoscientific data. <i>Computers and Graphics</i> , 2002, 26, 259-269.	1.4	17
60	A probabilistic segmentation method for the identification of luminal borders in intravascular ultrasound images. , 2008, , .		17
61	An Explicit Shape-Constrained MRF-Based Contour Evolution Method for 2-D Medical Image Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2014, 18, 120-129.	3.9	17
62	Image-Based Frame Gating of IVUS Pullbacks: A Surrogate for ECG. , 2007, , .		16
63	Identification of environmental chemicals that induce yolk malabsorption in zebrafish using automated image segmentation. <i>Reproductive Toxicology</i> , 2015, 55, 20-29.	1.3	16
64	Modeling Motion of Body Parts for Action Recognition. , 2011, , .		16
65	Improved Automatic Centerline Tracing for Dendritic and Axonal Structures. <i>Neuroinformatics</i> , 2015, 13, 227-244.	1.5	15
66	UHDB31: A Dataset for Better Understanding Face Recognition Across Pose and Illumination Variation. , 2017, , .		15
67	Adaptive SVM+: Learning with Privileged Information for Domain Adaptation. , 2017, , .		15
68	On the improvement of anthropometry and pose estimation from a single uncalibrated image. <i>Machine Vision and Applications</i> , 2003, 14, 229-236.	1.7	14
69	Expressive Maps for 3D Facial Expression Recognition. , 2011, , .		14
70	Landmark/image-based deformable registration of gene expression data. , 2011, , 1089-1096.		14
71	Semi-coupled basis and distance metric learning for cross-domain matching: Application to low-resolution face recognition. , 2014, , .		14
72	Rendering or normalization? An analysis of the 3D-aided pose-invariant face recognition. , 2016, , .		14

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73	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
74	Primary Care Artificial Intelligence: A Branch Hiding in Plain Sight. Annals of Family Medicine, 2020, 18, 194-195.	0.9	14
75	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
76	Robust 3D Face Shape Reconstruction from Single Images via Two-Fold Coupled Structure Learning and Off-the-Shelf Landmark Detectors. , 2014, , .		14
77	One-Class Acoustic Characterization Applied to Blood Detection in IVUS. , 2007, 10, 202-209.		14
78	Performance Evaluation of Abdominal Fat Burden Quantification in CT. , 2005, 2005, 3280-3.		13
79	Subdivision meshes for organizing spatial biomedical data. Methods, 2010, 50, 70-76.	1.9	13
80	Elastically adaptive deformable models. Lecture Notes in Computer Science, 1996, , 550-559.	1.0	13
81	Pupil detection under lighting and pose variations in the visible and active infrared bands. , 2011, , .		12
82	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
83	Pose-robust face signature for multi-view face recognition. , 2015, , .		12
84	Modeling for Plastic and Reconstructive Breast Surgery. Lecture Notes in Computer Science, 2000, , 1040-1050.	1.0	11
85	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
86	Improved face recognition using super-resolution. , 2011, , .		11
87	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
88	UHDB11 Database for 3D-2D Face Recognition. Lecture Notes in Computer Science, 2014, , 73-86.	1.0	11
89	Advancing primary care with Artificial Intelligence and Machine Learning. Healthcare, 2022, 10, 100594.	0.6	11
90	Inferring 2D Object Structure from the Deformation of Apparent Contours. Computer Vision and Image Understanding, 1997, 65, 129-147.	3.0	10

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91	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
92	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
93	Automatic segmentation of the diaphragm in non-contrast CT images. , 2010, , .		10
94	Knowledge-based quantification of pericardial fat in non-contrast CT data. Proceedings of SPIE, 2010, , .	0.8	10
95	Illumination Normalization Using Self-lighting Ratios for 3D2D Face Recognition. Lecture Notes in Computer Science, 2012, , 220-229.	1.0	10
96	Towards automatic reconstruction of dendrite morphology from live neurons. , 2004, 2004, 1798-801.		9
97	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
98	Denosing for 3-D Photon-Limited Imaging Data Using Nonseparable Filterbanks. IEEE Transactions on Image Processing, 2008, 17, 2312-2323.	6.0	9
99	Computer-aided planning for endovascular treatment of intracranial aneurysms (CAPETA). Proceedings of SPIE, 2010, , .	0.8	9
100	Aorta segmentation in non-contrast cardiac CT images using an entropy-based cost function. , 2010, , .		9
101	Fine-grained categorization of fish motion patterns in underwater videos. , 2011, , .		9
102	Viewpoint invariant 3D landmark model inference from monocular 2D images using higher-order priors. , 2011, , .		9
103	A physics-based intravascular ultrasound image reconstruction method for lumen segmentation. Computers in Biology and Medicine, 2016, 75, 19-29.	3.9	9
104	Show me your body: Gender classification from still images. , 2016, , .		9
105	Identifying Human Behaviors Using Synchronized Audio-Visual Cues. IEEE Transactions on Affective Computing, 2017, 8, 54-66.	5.7	9
106	Illumination-Invariant Face Recognition With Deep Relit Face Images. , 2019, , .		9
107	Local Feature Hashing for face recognition. , 2009, , .		8
108	Illumination alignment using lighting ratio: Application to 3D-2D face recognition. , 2013, , .		8

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109	Tracking Methods for Medical Augmented Reality. Lecture Notes in Computer Science, 2001, , 1404-1405.	1.0	8
110	Toward Unsupervised Classification of Calcified Arterial Lesions. Lecture Notes in Computer Science, 2008, 11, 144-152.	1.0	8
111	On the Mathematical Properties of Distributed Approximating Functionals. Journal of Mathematical Chemistry, 2001, 30, 83-107.	0.7	7
112	Hybrid Segmentation Framework for Tissue Images Containing Gene Expression Data. Lecture Notes in Computer Science, 2005, 8, 254-261.	1.0	7
113	Markov Random Field-based fitting of a subdivision-based geometric atlas. , 2011, 2011, 2540-2547.		7
114	Benchmarking asymmetric 3D-2D face recognition systems. , 2013, , .		7
115	Joint prototype and metric learning for set-to-set matching: Application to biometrics. , 2015, , .		7
116	Rank-based score normalization for multi-biometric score fusion. , 2015, , .		7
117	A novel method for imaging the pharmacological effects of antibiotic treatment on Clostridium difficile. Anaerobe, 2016, 40, 10-14.	1.0	7
118	Multi-scale segmentation of neurons based on one-class classification. Journal of Neuroscience Methods, 2016, 266, 94-106.	1.3	7
119	Left Ventricular Segmentation in MR Using Hierarchical Multi-class Multi-feature Fuzzy Connectedness. Lecture Notes in Computer Science, 2004, , 402-410.	1.0	7
120	Frames-Based Denoising in 3D Confocal Microscopy Imaging. , 2005, 2006, 290-3.		6
121	Improved automatic centerline tracing for dendritic structures. , 2013, , .		6
122	Benchmarking 3D Pose Estimation for Face Recognition. , 2014, , .		6
123	Predicting privileged information for height estimation. , 2016, , .		6
124	[POSTER] Holographic iRay: Exploring Augmentation for Medical Applications. , 2017, , .		6
125	Patch-Cuts: A Graph-Based Image Segmentation Method Using Patch Features and Spatial Relations. , 2010, , .		6
126	Nonseparable radial frame multiresolution analysis in multidimensions and isotropic fast wavelet algorithms. , 2003, 5207, 631.		5

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127	The impact of specular highlights on 3D-2D face recognition. Proceedings of SPIE, 2013, , .	0.8	5
128	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
129	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
130	Sparse Representation-Based Super Resolution for Face Recognition At a Distance. , 2011, , .		5
131	General Voxelization Algorithm with Scalable GPU Implementation. Journal of Graphics Tools, 2007, 12, 61-71.	0.5	4
132	PDM-ENLOR: Learning Ensemble of Local PDM-Based Regressions. , 2013, , .		4
133	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
134	iRay: Mobile AR Using Structure Sensor. , 2016, , .		4
135	Exploiting privileged information for facial expression recognition. , 2016, , .		4
136	Active privileged learning of human activities from weakly labeled samples. , 2016, , .		4
137	Face alignment via an ensemble of random ferns. , 2016, , .		4
138	Local classifier chains for deep face recognition. , 2017, , .		4
139	Inferring Human Activities Using Robust Privileged Probabilistic Learning. , 2017, , .		4
140	SSFD: A Face Detector using A Single-scale Feature Map. , 2018, , .		4
141	SSFD+: A Robust Two-Stage Face Detector. IEEE Transactions on Biometrics, Behavior, and Identity Science, 2019, 1, 181-191.	3.8	4
142	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
143	Probabilistic Segmentation of the Lumen from Intravascular Ultrasound Radio Frequency Data. Lecture Notes in Computer Science, 2012, 15, 454-461.	1.0	4
144	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

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145	An exploratory decision tree analysis to predict physical activity compliance rates in breast cancer survivors. <i>Ethnicity and Health</i> , 2019, 24, 754-766.	1.5	4
146	Predicting Social Interactions for Visual Tracking. , 2011, , .		4
147	Fully Associative Ensemble Learning for Hierarchical Multi-Label Classification. , 2014, , .		4
148	Evaluation of variability and significance of fundus camera lens distortion. , 2004, 2004, 1497-500.		3
149	Combining Optical Imaging and Computational Modeling to Analyze Structure and Function of Living Neurons. , 2006, 2006, 668-70.		3
150	Can we do better in unimodal biometric systems? A novel rank-based score normalization framework for multi-sample galleries. , 2013, , .		3
151	Towards fitting a 3D dense facial model to a 2D image: A landmark-free approach. , 2015, , .		3
152	Hierarchical multi-label framework for robust face recognition. , 2015, , .		3
153	Multi-view 3D face reconstruction with deep recurrent neural networks. , 2017, , .		3
154	On the Fusion of RGB and Depth Information for Hand Pose Estimation. , 2018, , .		3
155	On the Importance of Feature Aggregation for Face Reconstruction. , 2019, , .		3
156	Fusion of Human Posture Features for Continuous Action Recognition. <i>Lecture Notes in Computer Science</i> , 2012, , 244-257.	1.0	3
157	A third dimension in face recognition. <i>SPIE Newsroom</i> , 0, , .	0.1	3
158	Introduction to the special issue on human modeling, analysis, and synthesis. <i>Machine Vision and Applications</i> , 2003, 14, 197-198.	1.7	2
159	Expression-invariant multispectral face recognition: you can smile now!. , 2006, 6202, 32.		2
160	Functional Morphology Analysis of the Left Anterior Descending Coronary Artery in EBCT Images. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 1886-1896.	2.5	2
161	Lossless 3-D reconstruction and registration of semi-quantitative gene expression data in the mouse brain. , 2011, 2011, 8086-9.		2
162	Segmentation of neurons based on one-class classification. , 2014, , .		2

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163	3D dense local point descriptors for mouse brain gene expression images. Computerized Medical Imaging and Graphics, 2014, 38, 326-336.	3.5	2
164	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
165	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
166	Human activity recognition using robust adaptive privileged probabilistic learning. Pattern Analysis and Applications, 2021, 24, 915-932.	3.1	2
167	What Do I See? Modeling Human Visual Perception for Multi-person Tracking. Lecture Notes in Computer Science, 2014, , 314-329.	1.0	2
168	Empowering Imbalanced Data in Supervised Learning: A Semi-supervised Learning Approach. Lecture Notes in Computer Science, 2014, , 523-530.	1.0	2
169	Semi-automatic Initial Registration for the iRay System: A User Study. Lecture Notes in Computer Science, 2017, , 33-42.	1.0	2
170	Cascaded regression for CT slice localization. , 2011, , .		1
171	Segmentation of zebrafish embryonic images using a geometric atlas deformation. , 2012, 2012, 3998-4001.		1
172	3D face recognition for partial data using Semi-Coupled Dictionary Learning. , 2013, , .		1
173	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
174	SeLENet: A Semi-Supervised Low Light Face Enhancement Method for Mobile Face Unlock. , 2019, , .		1
175	Comprehensive Non-contrast CT Imaging of the Vulnerable Patient. , 2011, , 375-391.		1
176	g-HDAF Multiresolution Deformable Models. Lecture Notes in Computer Science, 2002, , 21-31.	1.0	1
177	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
178	Towards Extra-Luminal Blood Detection from Intravascular Ultrasound Radio Frequency Data. Lecture Notes in Computer Science, 2011, 14, 396-403.	1.0	1
179	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
180	Quo Vadis: 3D Face and Ear Recognition?. , 2007, , 139-164.		1

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181	Automated Pericardial Fat Quantification in CT Data. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	1
182	Parametric surface denoising. , 2005, , .		0
183	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
184	“Quo vadis cardiovascular informatics?”. , 2008, , .		0
185	Kernel active contour. , 2009, , .		0
186	Automatic segmentation of time-lapse microscopy images depicting a live Dharma embryo. , 2011, 2011, 8082-5.		0
187	Color constancy in 3D-2D face recognition. , 2013, , .		0
188	Bidimensional empirical mode decomposition-based unlighting for face recognition. , 2014, , .		0
189	Towards intelligent decision making for risk screening. , 2014, , .		0
190	A framework for building multi-tissue atlas of zebrafish embryo. , 2014, , .		0
191	PDM-ENLOR for segmentation of mouse brain gene expression images. Medical Image Analysis, 2015, 20, 19-33.	7.0	0
192	Regression-based metric learning. , 2016, , .		0
193	Facial 3D model registration under occlusions with sensiblepoints-based reinforced hypothesis refinement. , 2017, , .		0
194	Recursive Binary Template Embedding for Face Image Sets. , 2018, , .		0
195	Confidence-Driven Network for Point-to-Set Matching. , 2018, , .		0
196	Fully Associative Patch-Based 1-to-N Matcher for Face Recognition. , 2018, , .		0
197	A Case Study in Multi-Sensory Investigation of Geoscientific Data. Eurographics, 2001, , 3-14.	0.4	0
198	Vasa Vasorum Imaging. , 2011, , 507-515.		0

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199	Biomedical Computing in Complex Advanced Systems. , 2011, , 177-190.		0
200	Personalized 3D-Aided 2D Facial Landmark Localization. Lecture Notes in Computer Science, 2011, , 633-646.	1.0	0
201	Cardiovascular Informatics: A Perspective on Promises and Challenges of IVUS Data Analysis. Fields Institute Communications, 2013, , 117-130.	0.6	0
202	A Harmonic Analysis View on Neuroscience Imaging. , 2013, , 423-450.		0
203	Diagram Understanding using Graphics Constraint Grammars. , 1991, , 73-81.		0
204	Passive 3D human motion capture. , 1997, , .		0
205	Computational Methods for the Analysis of Intravascular Ultrasound Data. , 2014, , 427-444.		0
206	3D Face Recognition in the Presence of Partial Data. Advances in Computational Intelligence and Robotics Book Series, 0, , 70-97.	0.4	0
207	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