

Jiang Liu

List of Publications by Year in descending order

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168
papers

6,881
citations

117571

34
h-index

76872

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g-index

171
all docs

171
docs citations

171
times ranked

4259
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic fibroatheroma identification in intravascular optical coherence tomography volumes. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2023, 14, 15477-15483.	3.3	2
2	Reproducibility of deep learning based scleral spur localisation and anterior chamber angle measurements from anterior segment optical coherence tomography images. <i>British Journal of Ophthalmology</i> , 2023, 107, 802-808.	2.1	7
3	Hybrid Variation-Aware Network for Angle-Closure Assessment in AS-OCT. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 254-265.	5.4	10
4	Memorizing Structure-Texture Correspondence for Image Anomaly Detection. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 2335-2349.	7.2	18
5	Proxy-Bridged Image Reconstruction Network for Anomaly Detection in Medical Images. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 582-594.	5.4	13
6	Uncertainty-guided graph attention network for parapneumonic effusion diagnosis. <i>Medical Image Analysis</i> , 2022, 75, 102217.	7.0	13
7	An Annotation-Free Restoration Network for Cataractous Fundus Images. <i>IEEE Transactions on Medical Imaging</i> , 2022, 41, 1699-1710.	5.4	28
8	Nanomaterial Probes for Nuclear Imaging. <i>Nanomaterials</i> , 2022, 12, 582.	1.9	10
9	AS-Net: Fast Photoacoustic Reconstruction With Multi-Feature Fusion From Sparse Data. <i>IEEE Transactions on Computational Imaging</i> , 2022, 8, 215-223.	2.6	11
10	Mixed pyramid attention network for nuclear cataract classification based on anterior segment OCT images. <i>Health Information Science and Systems</i> , 2022, 10, 3.	3.4	12
11	Effects of High-Definition Transcranial Direct Current Stimulation Over the Primary Motor Cortex on Cold Pain Sensitivity Among Healthy Adults. <i>Frontiers in Molecular Neuroscience</i> , 2022, 15, 853509.	1.4	3
12	Adaptive feature squeeze network for nuclear cataract classification in AS-OCT image. <i>Journal of Biomedical Informatics</i> , 2022, 128, 104037.	2.5	15
13	Multiview Volume and Temporal Difference Network for Angle-Closure Glaucoma Screening from AS-OCT Videos. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.1	0
14	Domain Generalization in Restoration of Cataract Fundus Images Via High-Frequency Components. , 2022, , .		3
15	Factorized Convolution with Spectral Normalization for Fundus Screening. , 2022, , .		1
16	Sample Alignment for Image-to-Image Translation Based Medical Domain Adaptation. , 2022, , .		0
17	Osteoporosis Diagnostic Model Using a Multichannel Convolutional Neural Network Based on Quantitative Ultrasound Radiofrequency Signal. <i>Ultrasound in Medicine and Biology</i> , 2022, 48, 1590-1601.	0.7	5
18	Attention to region: Region-based integration-and-recalibration networks for nuclear cataract classification using AS-OCT images. <i>Medical Image Analysis</i> , 2022, 80, 102499.	7.0	16

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19	Machine Learning for Cataract Classification/Grading on Ophthalmic Imaging Modalities: A Survey. , 2022, 19, 184-208.		26
20	CCA-Net: Clinical-awareness attention network for nuclear cataract classification in AS-OCT. Knowledge-Based Systems, 2022, 250, 109109.	4.0	6
21	Exploring Operators's Natural Behaviors to Predict Catheterization Trial Outcomes in Robot-Assisted Intravascular Interventions. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 682-695.	2.1	5
22	CS<math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg">$\sup$$\mrow$/>$\mn$2</math></math>-Net: Deep learning segmentation of curvilinear structures in medical imaging. Medical Image Analysis, 2021, 67, 101874.	7.0	166
23	Combating Ambiguity for Hash-Code Learning in Medical Instance Retrieval. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3943-3954.	3.9	8
24	Structure and Illumination Constrained GAN for Medical Image Enhancement. IEEE Transactions on Medical Imaging, 2021, 40, 3955-3967.	5.4	60
25	Probabilistic Latent Factor Model for Collaborative Filtering with Bayesian Inference. , 2021, , .		0
26	Guided Adversarial Adaptation Network for Retinal and Choroidal Layer Segmentation. Lecture Notes in Computer Science, 2021, , 82-91.	1.0	0
27	Cross-Domain Depth Estimation Network for 3D Vessel Reconstruction in OCT Angiography. Lecture Notes in Computer Science, 2021, , 13-23.	1.0	3
28	ROSE: A Retinal OCT-Angiography Vessel Segmentation Dataset and New Model. IEEE Transactions on Medical Imaging, 2021, 40, 928-939.	5.4	137
29	Deep triplet hashing network for case-based medical image retrieval. Medical Image Analysis, 2021, 69, 101981.	7.0	32
30	3D Vessel Reconstruction In Oct-Angiography Via Depth Map Estimation. , 2021, , .		5
31	Restoration Of Cataract Fundus Images Via Unsupervised Domain Adaptation. , 2021, , .		12
32	Angle-closure assessment in anterior segment OCT images via deep learning. Medical Image Analysis, 2021, 69, 101956.	7.0	28
33	Ocular Anatomical and Functional Characteristics in Anisometric Chinese Children. Optometry and Vision Science, 2021, 98, 476-482.	0.6	1
34	Weighing features of lung and heart regions for thoracic disease classification. BMC Medical Imaging, 2021, 21, 99.	1.4	5
35	Outer Retinal Layer Thickness Changes in White Matter Hyperintensity and Parkinson's Disease. Frontiers in Neuroscience, 2021, 15, 741651.	1.4	4
36	Superficial Macula Capillary Complexity Changes Are Associated With Disability in Neuromyelitis Optica Spectrum Disorders. Frontiers in Neurology, 2021, 12, 724946.	1.1	8

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37	Noise reduction by adaptive-SIN filtering for retinal OCT images. Scientific Reports, 2021, 11, 19498.	1.6	3
38	Deep level set learning for optic disc and cup segmentation. Neurocomputing, 2021, 464, 330-341.	3.5	8
39	A nested parallel multiscale convolution for cerebrovascular segmentation. Medical Physics, 2021, 48, 7971-7983.	1.6	6
40	Learning from Human Uncertainty by Choquet Integral for Optic Disc Segmentation. , 2021, , .		2
41	Automatic Sequence-Based Network for Lung Diseases Detection in Chest CT. Frontiers in Oncology, 2021, 11, 781798.	1.3	2
42	Gated Channel Attention Network for Cataract Classification on AS-OCT Image. Lecture Notes in Computer Science, 2021, , 357-368.	1.0	5
43	A 3D CNN-based Multi-task Learning for Cataract screening and left and right eye classification on 3D AS-OCT images. , 2021, , .		2
44	The Role of Spatial Alignment in Multimodal Medical Image Fusion Using Deep Learning for Diagnostic Problems. , 2021, , .		1
45	Surgical instrument segmentation based on multi-scale and multi-level feature network. , 2021, 2021, 2672-2675.		1
46	Automated Segmentation of Trigeminal Nerve and Cerebrovasculature in MR-Angiography Images by Deep Learning. Frontiers in Neuroscience, 2021, 15, 744967.	1.4	5
47	Angle-Closure Detection in Anterior Segment OCT Based on Multilevel Deep Network. IEEE Transactions on Cybernetics, 2020, 50, 3358-3366.	6.2	48
48	JointRCNN: A Region-Based Convolutional Neural Network for Optic Disc and Cup Segmentation. IEEE Transactions on Biomedical Engineering, 2020, 67, 335-343.	2.5	75
49	Noise Adaptation Generative Adversarial Network for Medical Image Analysis. IEEE Transactions on Medical Imaging, 2020, 39, 1149-1159.	5.4	43
50	Retinal Vascular Network Topology Reconstruction and Artery/Vein Classification via Dominant Set Clustering. IEEE Transactions on Medical Imaging, 2020, 39, 341-356.	5.4	46
51	Imaging of Nonlinear and Dynamic Functional Brain Connectivity Based on EEG Recordings With the Application on the Diagnosis of Alzheimer's Disease. IEEE Transactions on Medical Imaging, 2020, 39, 1571-1581.	5.4	22
52	Dense Dilated Network With Probability Regularized Walk for Vessel Detection. IEEE Transactions on Medical Imaging, 2020, 39, 1392-1403.	5.4	96
53	AGE challenge: Angle Closure Glaucoma Evaluation in Anterior Segment Optical Coherence Tomography. Medical Image Analysis, 2020, 66, 101798.	7.0	35
54	A Density and Reliability Guided Aggregation for the Assessment of Vessels and Nerve Fibres Tortuosity. IEEE Access, 2020, 8, 139199-139211.	2.6	7

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55	Corneal nerve tortuosity grading via ordered weighted averaging-based feature extraction. Medical Physics, 2020, 47, 4983-4996.	1.6	18
56	Automatic Tortuosity Estimation of Nerve Fibers and Retinal Vessels in Ophthalmic Images. Applied Sciences (Switzerland), 2020, 10, 4788.	1.3	1
57	An Efficient Lens Structures Segmentation Method on AS-OCT Images. , 2020, 2020, 1646-1649.		5
58	Automatic Segmentation and Visualization of Choroid in OCT with Knowledge Infused Deep Learning. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 3408-3420.	3.9	34
59	Noise Redistribution and 3D Shearlet Filtering for Speckle Reduction in Optical Coherence Tomography. , 2020, , .		3
60	Assessment of Generative Adversarial Networks Model for Synthetic Optical Coherence Tomography Images of Retinal Disorders. Translational Vision Science and Technology, 2020, 9, 29.	1.1	35
61	Speckle reduction of OCT via super resolution reconstruction and its application on retinal layer segmentation. Artificial Intelligence in Medicine, 2020, 106, 101871.	3.8	12
62	A Retrospective Comparison of Deep Learning to Manual Annotations for Optic Disc and Optic Cup Segmentation in Fundus Photographs. Translational Vision Science and Technology, 2020, 9, 33.	1.1	11
63	Correction to "Noise Adaptation Generative Adversarial Network for Medical Image Analysis". IEEE Transactions on Medical Imaging, 2020, 39, 2566-2567.	5.4	1
64	Automated Tortuosity Analysis of Nerve Fibers in Corneal Confocal Microscopy. IEEE Transactions on Medical Imaging, 2020, 39, 2725-2737.	5.4	29
65	Techniques and Applications in Skin OCT Analysis. Advances in Experimental Medicine and Biology, 2020, 1213, 149-163.	0.8	11
66	Cycle Structure and Illumination Constrained GAN for Medical Image Enhancement. Lecture Notes in Computer Science, 2020, , 667-677.	1.0	11
67	Open-Appositional-Synechial Anterior Chamber Angle Classification in AS-OCT Sequences. Lecture Notes in Computer Science, 2020, , 715-724.	1.0	5
68	Classification of Retinal Vessels into Artery-Vein in OCT Angiography Guided by Fundus Images. Lecture Notes in Computer Science, 2020, , 117-127.	1.0	6
69	High signal-to-noise ratio reconstruction of low bit-depth optical coherence tomography using deep learning. Journal of Biomedical Optics, 2020, 25, .	1.4	15
70	Universal digital filtering for denoising volumetric retinal OCT and OCT angiography in 3D shearlet domain. Optics Letters, 2020, 45, 694.	1.7	13
71	Attention-based Saliency Hashing for Ophthalmic Image Retrieval. , 2020, , .		11
72	Cerebrovascular Segmentation in MRA via Reverse Edge Attention Network. Lecture Notes in Computer Science, 2020, , 66-75.	1.0	14

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73	Reconstruction and Quantification of 3D Iris Surface for Angle-Closure Glaucoma Detection in Anterior Segment OCT. Lecture Notes in Computer Science, 2020, , 704-714.	1.0	3
74	Encoding Structure-Texture Relation with P-Net for Anomaly Detection in Retinal Images. Lecture Notes in Computer Science, 2020, , 360-377.	1.0	55
75	A Novel Deep Learning Method for Nuclear Cataract Classification Based on Anterior Segment Optical Coherence Tomography Images. , 2020, , .		21
76	Corrections to "Automated Tortuosity Analysis of Nerve Fibers in Corneal Confocal Microscopy" IEEE Transactions on Medical Imaging, 2020, 39, 3758-3758.	5.4	1
77	Automated retinal lesion detection via image saliency analysis. Medical Physics, 2019, 46, 4531-4544.	1.6	10
78	DeepAMD: Detect Early Age-Related Macular Degeneration by Applying Deep Learning in a Multiple Instance Learning Framework. Lecture Notes in Computer Science, 2019, , 625-640.	1.0	6
79	CE-Net: Context Encoder Network for 2D Medical Image Segmentation. IEEE Transactions on Medical Imaging, 2019, 38, 2281-2292.	5.4	1,266
80	A Deep Learning System for Automated Angle-Closure Detection in Anterior Segment Optical Coherence Tomography Images. American Journal of Ophthalmology, 2019, 203, 37-45.	1.7	105
81	Topology Reconstruction of Tree-Like Structure in Images via Structural Similarity Measure and Dominant Set Clustering. , 2019, , .		10
82	On the Application of Preaggregation Functions to Fuzzy Pattern Tree. , 2019, , .		1
83	Automated Iris Segmentation from Anterior Segment OCT Images with Occludable Angles via Local Phase Tensor. , 2019, 2019, 4745-4749.		4
84	Anterior Chamber Angles Classification in Anterior Segment OCT Images via Multi-Scale Regions Convolutional Neural Networks. , 2019, 2019, 849-852.		11
85	Glaucoma Detection Based on Deep Learning Network in Fundus Image. Advances in Computer Vision and Pattern Recognition, 2019, , 119-137.	0.9	21
86	Ki-GAN: Knowledge Infusion Generative Adversarial Network for Photoacoustic Image Reconstruction In Vivo. Lecture Notes in Computer Science, 2019, , 273-281.	1.0	21
87	Evaluation of Retinal Image Quality Assessment Networks in Different Color-Spaces. Lecture Notes in Computer Science, 2019, , 48-56.	1.0	78
88	CS-Net: Channel and Spatial Attention Network for Curvilinear Structure Segmentation. Lecture Notes in Computer Science, 2019, , 721-730.	1.0	131
89	Exploiting Reliability-Guided Aggregation for the Assessment of Curvilinear Structure Tortuosity. Lecture Notes in Computer Science, 2019, , 12-20.	1.0	4
90	SkrGAN: Sketching-Rendering Unconditional Generative Adversarial Networks for Medical Image Synthesis. Lecture Notes in Computer Science, 2019, , 777-785.	1.0	31

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91	Guided M-Net for High-Resolution Biomedical Image Segmentation with Weak Boundaries. Lecture Notes in Computer Science, 2019, , 43-51.	1.0	4
92	Automatic 2-D/3-D Vessel Enhancement in Multiple Modality Images Using a Weighted Symmetry Filter. IEEE Transactions on Medical Imaging, 2018, 37, 438-450.	5.4	91
93	Joint Optic Disc and Cup Segmentation Based on Multi-Label Deep Network and Polar Transformation. IEEE Transactions on Medical Imaging, 2018, 37, 1597-1605.	5.4	606
94	Learning supervised descent directions for optic disc segmentation. Neurocomputing, 2018, 275, 350-357.	3.5	21
95	PET-MR and SPECT-MR multimodality probes: Development and challenges. Theranostics, 2018, 8, 6210-6232.	4.6	59
96	Multi-Cell Multi-Task Convolutional Neural Networks for Diabetic Retinopathy Grading. , 2018, 2018, 2724-2727.		48
97	Optic Disc and Cup Segmentation with Blood Vessel Removal from Fundus Images for Glaucoma Detection. , 2018, 2018, 862-865.		14
98	Optic Disc Segmentation from Retinal Fundus Images via Deep Object Detection Networks. , 2018, 2018, 5954-5957.		20
99	Uniqueness-Driven Saliency Analysis for Automated Lesion Detection with Applications to Retinal Diseases. Lecture Notes in Computer Science, 2018, , 109-118.	1.0	17
100	Localizing Optic Disc and Cup for Glaucoma Screening via Deep Object Detection Networks. Lecture Notes in Computer Science, 2018, , 236-244.	1.0	13
101	Retinal Artery and Vein Classification via Dominant Sets Clustering-Based Vascular Topology Estimation. Lecture Notes in Computer Science, 2018, , 56-64.	1.0	31
102	DeepDisc: Optic Disc Segmentation Based on Atrous Convolution and Spatial Pyramid Pooling. Lecture Notes in Computer Science, 2018, , 253-260.	1.0	12
103	Combining Multiple Deep Features for Glaucoma Classification. , 2018, , .		16
104	Automatic Localization of Optic Disc using Modified U-Net. , 2018, , .		5
105	Disc-Aware Ensemble Network for Glaucoma Screening From Fundus Image. IEEE Transactions on Medical Imaging, 2018, 37, 2493-2501.	5.4	264
106	Retinal vascular segmentation using superpixel-based line operator and its application to vascular topology estimation. Medical Physics, 2018, 45, 3132-3146.	1.6	11
107	Structure-Preserving Guided Retinal Image Filtering and Its Application for Optic Disk Analysis. IEEE Transactions on Medical Imaging, 2018, 37, 2536-2546.	5.4	45
108	Ocular disease detection from multiple informatics domains. , 2018, , .		3

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109	Retinal vascular topology estimation via dominant sets clustering. , 2018, , .		4
110	Multi-context Deep Network for Angle-Closure Glaucoma Screening in Anterior Segment OCT. Lecture Notes in Computer Science, 2018, , 356-363.	1.0	25
111	Automatic Segmentation of Cortex and Nucleus in Anterior Segment OCT Images. Lecture Notes in Computer Science, 2018, , 269-276.	1.0	4
112	Segmentation and Quantification for Angle-Closure Glaucoma Assessment in Anterior Segment OCT. IEEE Transactions on Medical Imaging, 2017, 36, 1930-1938.	5.4	77
113	PET probes for imaging pancreatic islet cells. Clinical and Translational Imaging, 2017, 5, 507-523.	1.1	5
114	Genome wide abnormal DNA methylome of human blastocyst in assisted reproductive technology. Journal of Genetics and Genomics, 2017, 44, 475-481.	1.7	30
115	Optic Disc Detection via Deep Learning in Fundus Images. Lecture Notes in Computer Science, 2017, , 134-141.	1.0	13
116	Detecting retinal microaneurysms and hemorrhages with robustness to the presence of blood vessels. Computer Methods and Programs in Biomedicine, 2017, 138, 83-91.	2.6	60
117	Generative caption for diabetic retinopathy images. , 2017, , .		12
118	Automatic localization of optic disc based on deep learning in fundus images. , 2017, , .		17
119	Quadratic divergence regularized SVM for optic disc segmentation. Biomedical Optics Express, 2017, 8, 2687.	1.5	16
120	Similarity regularized sparse group lasso for cup to disc ratio computation. Biomedical Optics Express, 2017, 8, 3763.	1.5	21
121	Similarity-weighted linear reconstruction of anterior chamber angles for glaucoma classification. , 2016, , .		5
122	Retinal vessel segmentation via deep learning network and fully-connected conditional random fields. , 2016, , .		166
123	AQUIR - a system to generate quantitative and customized vision measurement template. , 2016, , .		0
124	Eye movement correction for 3D OCT volume by using saliency and center bias constraint. , 2016, , .		1
125	Speckle Reduction in 3D Optical Coherence Tomography of Retina by A-Scan Reconstruction. IEEE Transactions on Medical Imaging, 2016, 35, 2270-2279.	5.4	62
126	Integrating holistic and local deep features for glaucoma classification. , 2016, 2016, 1328-1331.		45

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127	DeepVessel: Retinal Vessel Segmentation via Deep Learning and Conditional Random Field. Lecture Notes in Computer Science, 2016, , 132-139.	1.0	236
128	Semantic Reconstruction-Based Nuclear Cataract Grading from Slit-Lamp Lens Images. Lecture Notes in Computer Science, 2016, , 458-466.	1.0	8
129	Graph based lumen segmentation in optical coherence tomography images. , 2015, , .		7
130	An augmented reality assistance platform for eye laser surgery. , 2015, 2015, 4326-9.		3
131	Automatic Optic Disc Detection in OCT Slices via Low-Rank Reconstruction. IEEE Transactions on Biomedical Engineering, 2015, 62, 1151-1158.	2.5	27
132	Sparse Dissimilarity-Constrained Coding for Glaucoma Screening. IEEE Transactions on Biomedical Engineering, 2015, 62, 1395-1403.	2.5	72
133	Robust multi-scale superpixel classification for optic cup localization. Computerized Medical Imaging and Graphics, 2015, 40, 182-193.	3.5	39
134	Automatic Feature Learning for Glaucoma Detection Based on Deep Learning. Lecture Notes in Computer Science, 2015, , 669-677.	1.0	71
135	Automatic nuclear cataract grading using image gradients. Journal of Medical Imaging, 2014, 1, 014502.	0.8	23
136	A survey on computer aided diagnosis for ocular diseases. BMC Medical Informatics and Decision Making, 2014, 14, 80.	1.5	71
137	Multi-scale superpixel classification for optic cup localization. , 2014, , .		0
138	Optic Cup Segmentation for Glaucoma Detection Using Low-Rank Superpixel Representation. Lecture Notes in Computer Science, 2014, 17, 788-795.	1.0	46
139	Incorporating Privileged Genetic Information for Fundus Image Based Glaucoma Detection. Lecture Notes in Computer Science, 2014, 17, 204-211.	1.0	8
140	Superpixel Classification Based Optic Disc and Optic Cup Segmentation for Glaucoma Screening. IEEE Transactions on Medical Imaging, 2013, 32, 1019-1032.	5.4	456
141	Automatic glaucoma diagnosis through medical imaging informatics. Journal of the American Medical Informatics Association: JAMIA, 2013, 20, 1021-1027.	2.2	29
142	Automated anterior chamber angle localization and glaucoma type classification in OCT images. , 2013, 2013, 7380-3.		16
143	Integrating research, clinical practice and translation: The singapore experience. , 2013, 2013, 7148-51.		2
144	Automatic Grading of Nuclear Cataracts from Slit-Lamp Lens Images Using Group Sparsity Regression. Lecture Notes in Computer Science, 2013, 16, 468-475.	1.0	43

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145	Automatic Diagnosis of Pathological Myopia from Heterogeneous Biomedical Data. PLoS ONE, 2013, 8, e65736.	1.1	23
146	Pathological Myopia detection from selective fundus image features. , 2012, , .		4
147	Peripapillary Atrophy Detection by Sparse Biologically Inspired Feature Manifold. IEEE Transactions on Medical Imaging, 2012, 31, 2355-2365.	5.4	24
148	Automated segmentation of optic disc and optic cup in fundus images for glaucoma diagnosis. , 2012, , .		64
149	Efficient Optic Cup Detection from Intra-image Learning with Retinal Structure Priors. Lecture Notes in Computer Science, 2012, 15, 58-65.	1.0	29
150	Sliding Window and Regression Based Cup Detection in Digital Fundus Images for Glaucoma Diagnosis. Lecture Notes in Computer Science, 2011, 14, 1-8.	1.0	41
151	Validity of a New Computer-Aided Diagnosis Imaging Program to Quantify Nuclear Cataract from Slit-lamp Photographs. , 2011, 52, 1314.		19
152	A Computer Assisted Method for Nuclear Cataract Grading From Slit-Lamp Images Using Ranking. IEEE Transactions on Medical Imaging, 2011, 30, 94-107.	5.4	39
153	Focal Biologically Inspired Feature for Glaucoma Type Classification. Lecture Notes in Computer Science, 2011, 14, 91-98.	1.0	10
154	Detection of Pathological Myopia by PAMELA with Texture-Based Features through an SVM Approach. Journal of Healthcare Engineering, 2010, 1, 1-12.	1.1	40
155	A Computer-Aided Diagnosis System of Nuclear Cataract. IEEE Transactions on Biomedical Engineering, 2010, 57, 1690-1698.	2.5	72
156	Automatic detection of posterior subcapsular cataract opacity for cataract screening. , 2010, 2010, 5359-62.		13
157	ORIGA^{light}: An online retinal fundus image database for glaucoma analysis and research. , 2010, 2010, 3065-8.		179
158	Automated Layer Segmentation of Optical Coherence Tomography Images. IEEE Transactions on Biomedical Engineering, 2010, 57, 2605-2608.	2.5	86
159	Towards automatic detection of age-related macular degeneration in retinal fundus images. , 2010, 2010, 4100-3.		20
160	Optic disc region of interest localization in fundus image for Glaucoma detection in ARGALI. , 2010, , .		33
161	An automatic diagnosis system of nuclear cataract using slit-lamp images. , 2009, 2009, 3693-6.		11
162	Convex hull based neuro-retinal optic cup ellipse optimization in glaucoma diagnosis. , 2009, 2009, 1441-4.		21

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163	A Computer-Aided Diagnosis System of Nuclear Cataract via Ranking. Lecture Notes in Computer Science, 2009, 12, 803-810.	1.0	14
164	Automatic opacity detection in retro-illumination images for cortical cataract diagnosis. , 2008, , .		6
165	Computer aided diagnosis of nuclear cataract. , 2008, , .		2
166	Image based diagnosis of cortical cataract. , 2008, 2008, 3904-7.		12
167	Towards Automatic Grading of Nuclear Cataract. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4961-4.	0.5	18
168	Automatic choroid layer segmentation in OCT images via context efficient adaptive network. Applied Intelligence, 0, , .	3.3	2