

Wei-Hua Yang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6046272/publications.pdf>

Version: 2024-02-01

40
papers

456
citations

1039880

9
h-index

887953

17
g-index

44
all docs

44
docs citations

44
times ranked

301
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic cataract grading methods based on deep learning. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 182, 104978.	2.6	66
2	TUG1 promotes lens epithelial cell apoptosis by regulating miR-421/caspase-3 axis in age-related cataract. <i>Experimental Cell Research</i> , 2017, 356, 20-27.	1.2	51
3	EAD-Net: A Novel Lesion Segmentation Method in Diabetic Retinopathy Using Neural Networks. <i>Disease Markers</i> , 2021, 2021, 1-13.	0.6	29
4	An Evaluation System of Fundus Photograph-Based Intelligent Diagnostic Technology for Diabetic Retinopathy and Applicability for Research. <i>Diabetes Therapy</i> , 2019, 10, 1811-1822.	1.2	26
5	A Novel Quantitative Index of Meibomian Gland Dysfunction, the Meibomian Gland Tortuosity. <i>Translational Vision Science and Technology</i> , 2020, 9, 34.	1.1	26
6	Changes in vessel density of the patients with narrow anterior chamber after an acute intraocular pressure elevation observed by OCT angiography. <i>BMC Ophthalmology</i> , 2019, 19, 132.	0.6	23
7	Attitudes of medical workers in China toward artificial intelligence in ophthalmology: a comparative survey. <i>BMC Health Services Research</i> , 2021, 21, 1067.	0.9	19
8	Emerging Trends and Research Foci in Artificial Intelligence for Retinal Diseases: Bibliometric and Visualization Study. <i>Journal of Medical Internet Research</i> , 2022, 24, e37532.	2.1	19
9	An Artificial Intelligent Risk Classification Method of High Myopia Based on Fundus Images. <i>Journal of Clinical Medicine</i> , 2021, 10, 4488.	1.0	18
10	Five-Category Intelligent Auxiliary Diagnosis Model of Common Fundus Diseases Based on Fundus Images. <i>Translational Vision Science and Technology</i> , 2021, 10, 20.	1.1	14
11	Research on an Intelligent Lightweight-Assisted Pterygium Diagnosis Model Based on Anterior Segment Images. <i>Disease Markers</i> , 2021, 2021, 1-8.	0.6	14
12	Meibomian Gland Density: An Effective Evaluation Index of Meibomian Gland Dysfunction Based on Deep Learning and Transfer Learning. <i>Journal of Clinical Medicine</i> , 2022, 11, 2396.	1.0	12
13	Weakly supervised detection of central serous chorioretinopathy based on local binary patterns and discrete wavelet transform. <i>Computers in Biology and Medicine</i> , 2020, 127, 104056.	3.9	11
14	A Novel Meibomian Gland Morphology Analytic System Based on a Convolutional Neural Network. <i>IEEE Access</i> , 2021, 9, 23083-23094.	2.6	11
15	Optimized-Unet: Novel Algorithm for Parapapillary Atrophy Segmentation. <i>Frontiers in Neuroscience</i> , 2021, 15, 758887.	1.4	11
16	Implementation and Application of an Intelligent Pterygium Diagnosis System Based on Deep Learning. <i>Frontiers in Psychology</i> , 2021, 12, 759229.	1.1	10
17	Retinal Image Enhancement Using Cycle-Constraint Adversarial Network. <i>Frontiers in Medicine</i> , 2021, 8, 793726.	1.2	10
18	Screening of Common Retinal Diseases Using Six-Category Models Based on EfficientNet. <i>Frontiers in Medicine</i> , 2022, 9, 808402.	1.2	10

#	ARTICLE	IF	CITATIONS
19	Diabetic Retinopathy Grading by Deep Graph Correlation Network on Retinal Images Without Manual Annotations. <i>Frontiers in Medicine</i> , 2022, 9, 872214.	1.2	9
20	Association between MDM2 rs2279744, MDM2 rs937283, and p21 rs1801270 polymorphisms and retinoblastoma susceptibility. <i>Medicine (United States)</i> , 2018, 97, e13547.	0.4	8
21	A Novel System for Measuring Pterygium's Progress Using Deep Learning. <i>Frontiers in Medicine</i> , 2022, 9, 819971.	1.2	8
22	A novel multi-modal fundus image fusion method for guiding the laser surgery of central serous chorioretinopathy. <i>Mathematical Biosciences and Engineering</i> , 2021, 18, 4797-4816.	1.0	7
23	Evaluating the repeatability of corneal elevation through calculating the misalignment between Successive topography measurements during the follow up of LASIK. <i>Scientific Reports</i> , 2017, 7, 3122.	1.6	6
24	Research Progress of Artificial Intelligence Image Analysis in Systemic Disease-Related Ophthalmopathy. <i>Disease Markers</i> , 2022, 2022, 1-10.	0.6	5
25	Research on the Segmentation of Biomarker for Chronic Central Serous Chorioretinopathy Based on Multimodal Fundus Image. <i>Disease Markers</i> , 2021, 2021, 1-11.	0.6	4
26	MRI-Based Radiomics for Differentiating Orbital Cavernous Hemangioma and Orbital Schwannoma. <i>Frontiers in Medicine</i> , 2021, 8, 795038.	1.2	4
27	Systematic Bibliometric and Visualized Analysis of Research Hotspots and Trends on the Application of Artificial Intelligence in Ophthalmic Disease Diagnosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
28	Annotation and quality control specifications for fundus color photograph. <i>Intelligent Medicine</i> , 2021, 1, 80-87.	1.6	3
29	A Few-Shot Learning-Based Retinal Vessel Segmentation Method for Assisting in the Central Serous Chorioretinopathy Laser Surgery. <i>Frontiers in Medicine</i> , 2022, 9, 821565.	1.2	3
30	Outcomes of a Foldable Capsular Vitreous Body Implantation: A Retrospective Study. <i>Disease Markers</i> , 2021, 2021, 1-8.	0.6	3
31	Modified internal limiting membrane flap technique for large chronic macular hole. <i>Medicine (United)</i> Tj ETQq1 1 0.784314 rgBT /Ove 0.4 2	0.4	2
32	The Role of Symptom Duration and Serologic Factors in the Relapse of IgG4-Related Ophthalmic Disease following Surgery: A Retrospective Cohort Study. <i>Disease Markers</i> , 2022, 2022, 1-9.	0.6	2
33	Association of Iris Structural Measurements with Corneal Biomechanics in Myopic Eyes. <i>Disease Markers</i> , 2021, 2021, 1-6.	0.6	2
34	Efficacy of Navigated Laser Photocoagulation for Chronic Central Serous Chorioretinopathy: A Retrospective Observational Study. <i>Disease Markers</i> , 2022, 2022, 1-8.	0.6	2
35	Association between Iris Biological Features and Corneal Biomechanics in Myopic Eyes. <i>Disease Markers</i> , 2021, 2021, 1-6.	0.6	1
36	UBE2T is a prognostic biomarker and correlated with Th2 cell infiltrates in retinoblastoma. <i>Biochemical and Biophysical Research Communications</i> , 2022, , .	1.0	1

#	ARTICLE	IF	CITATIONS
37	Analysis of Microcirculation Changes in the Macular Area and Para-Optic Disk Region After Implantable Collamer Lens Implantation in Patients With High Myopia. <i>Frontiers in Neuroscience</i> , 2022, 16, .	1.4	1
38	The number of minimal preference contraction operation. , 2018, , .		0
39	A Magic Wand Selection Tool for Surface of 3D Model. <i>Recent Advances in Computer Science and Communications</i> , 2021, 14, 2466-2476.	0.5	0
40	Efficiently Computing Geodesic Loop for Interactive Segmentation of a 3D Mesh. <i>Recent Advances in Computer Science and Communications</i> , 2021, 14, 2477-2488.	0.5	0