

Hongying Tang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8394619/publications.pdf>

Version: 2024-02-01

15
papers

264
citations

1307594

7
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

300
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated feature-based grading and progression analysis of diabetic retinopathy. <i>Eye</i> , 2022, 36, 524-532.	2.1	3
2	Learning to Discover Explainable Clinical Features With Minimum Supervision. <i>Translational Vision Science and Technology</i> , 2022, 11, 11.	2.2	0
3	Facilitating diabetic retinopathy screening using automated retinal image analysis in underresourced settings. <i>Diabetic Medicine</i> , 2021, 38, e14582.	2.3	6
4	Evidence Based Prediction and Progression Monitoring on Retinal Images from Three Nations. <i>Translational Vision Science and Technology</i> , 2020, 9, 44.	2.2	9
5	Loss of phenotypic inheritance associated with <i>ydcI</i> mutation leads to increased frequency of small, slow persisters in <i>Escherichia coli</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 4152-4157.	7.1	17
6	Computer analysis of individual cataract surgery segments in the operating room. <i>Eye</i> , 2019, 33, 313-319.	2.1	8
7	Surgical efficiency in femtosecond laser cataract surgery compared with phacoemulsification cataract surgery: a case-control study. <i>BMJ Open</i> , 2018, 8, e018478.	1.9	6
8	Binary Online Learned Descriptors. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2018, 40, 555-567.	13.9	26
9	Localizing Microaneurysms in Fundus Images Through Singular Spectrum Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 990-1002.	4.2	76
10	Trajectory energy minimization for cell growth tracking and genealogy analysis. <i>Royal Society Open Science</i> , 2017, 4, 170207.	2.4	3
11	High correlation between performance on a virtual reality simulator and real life cataract surgery. <i>Acta Ophthalmologica</i> , 2017, 95, 307-311.	1.1	61
12	An Automated Detection System for Microaneurysms That Is Effective across Different Racial Groups. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-5.	1.3	3
13	Man versus Machine: Software Training for Surgeons—An Objective Evaluation of Human and Computer-Based Training Tools for Cataract Surgical Performance. <i>Journal of Ophthalmology</i> , 2016, 2016, 1-7.	1.3	6
14	PhacoTracking. <i>JAMA Ophthalmology</i> , 2013, 131, 659.	2.5	24
15	The Reading of Components of Diabetic Retinopathy: An Evolutionary Approach for Filtering Normal Digital Fundus Imaging in Screening and Population Based Studies. <i>PLoS ONE</i> , 2013, 8, e66730.	2.5	16