Kaveri A Thakoor

List of Publications by Year
in descending order

8 papers	**172** citations	1684188 **5** h-index	1872680 **6** g-index
8 all docs	**8** docs citations	**8** times ranked	**105** citing authors

#	Article	IF	Citations
1	Robust and Interpretable Convolutional Neural Networks to Detect Glaucoma in Optical Coherence Tomography Images. IEEE Transactions on Biomedical Engineering, 2021, 68, 2456-2466.	4.2	39
2	Enhancing the Accuracy of Glaucoma Detection from OCT Probability Maps using Convolutional Neural Networks. , 2019, 2019, 2036-2040.		37
3	Detecting glaucoma with only OCT: Implications for the clinic, research, screening, and AI development. Progress in Retinal and Eye Research, 2022, 90, 101052.	15.5	36
4	An Automated Method for Assessing Topographical Structure–Function Agreement in Abnormal Glaucomatous Regions. Translational Vision Science and Technology, 2020, 9, 14.	2.2	20
5	A multimodal deep learning system to distinguish late stages of AMD and to compare expert vs. AI ocular biomarkers. Scientific Reports, 2022, 12, 2585.	3.3	19
6	Strategies to Improve Convolutional Neural Network Generalizability and Reference Standards for Glaucoma Detection From OCT Scans. Translational Vision Science and Technology, 2021, 10, 16.	2.2	10
7	Hybrid 3d-2d Deep Learning For Detection Of Neovascularage-Related Macular Degeneration Using Optical Coherence Tomography B-Scans And Angiography Volumes. , 2021, , .		9
8	A Recurrent Neural Network for Attenuating Non-cognitive Components of Pupil Dynamics. Frontiers in Psychology, 2021, 12, 604522.	2.1	2