

# Liming Li

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

275  
citations

1040056

9  
h-index

1058476

14  
g-index

25  
all docs

25  
docs citations

25  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intraorbital optic nerve stimulation with penetrating electrodes: in vivo electrophysiology study in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2009, 247, 349-361.	1.9	44
2	Effects of different three-dimensional electrodes on epiretinal electrical stimulation by modeling analysis. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 73.	4.6	26
3	Optical Imaging of Visual Cortical Responses Evoked by Transcorneal Electrical Stimulation With Different Parameters. , 2014, 55, 5320.		23
4	Dynamic modulation of the perceptual load on microsaccades during a selective spatial attention task. Scientific Reports, 2017, 7, 16496.	3.3	20
5	Image Processing Strategies Based on a Visual Saliency Model for Object Recognition Under Simulated Prosthetic Vision. Artificial Organs, 2016, 40, 94-100.	1.9	19
6	Neural activity of functionally different retinal ganglion cells can be robustly modulated by high-rate electrical pulse trains. Journal of Neural Engineering, 2020, 17, 045013.	3.5	19
7	A simulation of current focusing and steering with penetrating optic nerve electrodes. Journal of Neural Engineering, 2013, 10, 066007.	3.5	18
8	Electrically Evoked Responses in the Rabbit Cortex Induced by Current Steering With Penetrating Optic Nerve Electrodes. , 2016, 57, 6327.		16
9	A Three-Dimensional Microelectrode Array to Generate Virtual Electrodes for Epiretinal Prosthesis Based on a Modeling Study. International Journal of Neural Systems, 2020, 30, 2050006.	5.2	12
10	An in-silico analysis of electrically evoked responses of midget and parasol retinal ganglion cells in different retinal regions. Journal of Neural Engineering, 2022, 19, 026018.	3.5	12
11	Comparison of cortical responses to the activation of retina by visual stimulation and transcorneal electrical stimulation. Brain Stimulation, 2018, 11, 667-675.	1.6	11
12	Creation of virtual channels in the retina using synchronous and asynchronous stimulation—a modelling study. Journal of Neural Engineering, 2020, 17, 065001.	3.5	10
13	Negative hemodynamic response without neuronal inhibition investigated by combining optical imaging and electrophysiological recording. Neuroscience Letters, 2017, 637, 161-167.	2.1	9
14	Inverted optical intrinsic response accompanied by decreased cerebral blood flow are related to both neuronal inhibition and excitation. Scientific Reports, 2016, 6, 21627.	3.3	8
15	Modulation of Spike Count Correlations Between Macaque Primary Visual Cortex Neurons by Difficulty of Attentional Task. Neuroscience Bulletin, 2022, 38, 489-504.	2.9	8
16	An Optimized Computational Model of Retinal Ganglion Cells and Electrical Stimulation with Varied Epiretinal Electrode. , 2015, , .		4
17	A comparative study on electrically evoked responses of retinal ganglion cells in distinct retinal areas by computational model. , 2017, , .		4
18	Insights from Computational Modelling: Selective Stimulation of Retinal Ganglion Cells. , 2021, , 233-247.		4

#	ARTICLE	IF	CITATIONS
19	Properties of electrically evoked potentials activated by optic nerve stimulation with penetrating electrodes of different modes in rabbits. Graefe's Archive for Clinical and Experimental Ophthalmology, 2015, 253, 2171-2180.	1.9	3
20	Influence of Morphological and Electrophysiological Parameters on Retinal Ganglion Cells Threshold under Temporal Interference Stimulation. , 2021, , .		2
21	The visual cortical responses to sinusoidal transcorneal electrical stimulation. Brain Research, 2022, 1785, 147875.	2.2	2
22	A preliminary study on virtual electrode for subretinal prostheses by computational model. , 2019, 2019, 5264-5267.		1
23	Multi-channel Microelectrode Recording of MUA in Cat Visual Cortex by Electrical Stimulation in Optic Nerve. , 2007, , .		0
24	Generating Conditions of Focused Virtual Channels Under Simultaneous Electrical Stimulation of Epiretinal Prostheses: A Modeling Study. , 2019, , .		0
25	Insights from computational modelling: Characterising Midget and Parasol Retinal Ganglion Cells using Electrical Stimulation. , 2021, , .		0