

# Liming Li

## List of Publications by Year in descending order

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25  
papers

275  
citations

1040056

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h-index

1058476

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g-index

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docs citations

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times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of Spike Count Correlations Between Macaque Primary Visual Cortex Neurons by Difficulty of Attentional Task. <i>Neuroscience Bulletin</i> , 2022, 38, 489-504.	2.9	8
2	An in-silico analysis of electrically evoked responses of midget and parasol retinal ganglion cells in different retinal regions. <i>Journal of Neural Engineering</i> , 2022, 19, 026018.	3.5	12
3	The visual cortical responses to sinusoidal transcorneal electrical stimulation. <i>Brain Research</i> , 2022, 1785, 147875.	2.2	2
4	Insights from Computational Modelling: Selective Stimulation of Retinal Ganglion Cells. , 2021, , 233-247.		4
5	Insights from computational modelling: Characterising Midget and Parasol Retinal Ganglion Cells using Electrical Stimulation. , 2021, , .		0
6	Influence of Morphological and Electrophysiological Parameters on Retinal Ganglion Cells Threshold under Temporal Interference Stimulation. , 2021, , .		2
7	A Three-Dimensional Microelectrode Array to Generate Virtual Electrodes for Epiretinal Prosthesis Based on a Modeling Study. <i>International Journal of Neural Systems</i> , 2020, 30, 2050006.	5.2	12
8	Neural activity of functionally different retinal ganglion cells can be robustly modulated by high-rate electrical pulse trains. <i>Journal of Neural Engineering</i> , 2020, 17, 045013.	3.5	19
9	Creation of virtual channels in the retina using synchronous and asynchronous stimulation—a modelling study. <i>Journal of Neural Engineering</i> , 2020, 17, 065001.	3.5	10
10	Generating Conditions of Focused Virtual Channels Under Simultaneous Electrical Stimulation of Epiretinal Prostheses: A Modeling Study. , 2019, , .		0
11	A preliminary study on virtual electrode for subretinal prostheses by computational model. , 2019, 2019, 5264-5267.		1
12	Comparison of cortical responses to the activation of retina by visual stimulation and transcorneal electrical stimulation. <i>Brain Stimulation</i> , 2018, 11, 667-675.	1.6	11
13	Negative hemodynamic response without neuronal inhibition investigated by combining optical imaging and electrophysiological recording. <i>Neuroscience Letters</i> , 2017, 637, 161-167.	2.1	9
14	Dynamic modulation of the perceptual load on microsaccades during a selective spatial attention task. <i>Scientific Reports</i> , 2017, 7, 16496.	3.3	20
15	A comparative study on electrically evoked responses of retinal ganglion cells in distinct retinal areas by computational model. , 2017, , .		4
16	Electrically Evoked Responses in the Rabbit Cortex Induced by Current Steering With Penetrating Optic Nerve Electrodes. , 2016, 57, 6327.		16
17	Inverted optical intrinsic response accompanied by decreased cerebral blood flow are related to both neuronal inhibition and excitation. <i>Scientific Reports</i> , 2016, 6, 21627.	3.3	8
18	Image Processing Strategies Based on a Visual Saliency Model for Object Recognition Under Simulated Prosthetic Vision. <i>Artificial Organs</i> , 2016, 40, 94-100.	1.9	19

#	ARTICLE	IF	CITATIONS
19	Effects of different three-dimensional electrodes on epiretinal electrical stimulation by modeling analysis. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 73.	4.6	26
20	An Optimized Computational Model of Retinal Ganglion Cells and Electrical Stimulation with Varied Epiretinal Electrode. , 2015, , .		4
21	Properties of electrically evoked potentials activated by optic nerve stimulation with penetrating electrodes of different modes in rabbits. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2015, 253, 2171-2180.	1.9	3
22	Optical Imaging of Visual Cortical Responses Evoked by Transcorneal Electrical Stimulation With Different Parameters. , 2014, 55, 5320.		23
23	A simulation of current focusing and steering with penetrating optic nerve electrodes. <i>Journal of Neural Engineering</i> , 2013, 10, 066007.	3.5	18
24	Intraorbital optic nerve stimulation with penetrating electrodes: in vivo electrophysiology study in rabbits. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 349-361.	1.9	44
25	Multi-channel Microelectrode Recording of MUA in Cat Visual Cortex by Electrical Stimulation in Optic Nerve. , 2007, , .		0