

# Ione Fine

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

3,062  
citations

331538

21  
h-index

395590

33  
g-index

55  
all docs

55  
docs citations

55  
times ranked

2390  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visual stimuli activate auditory cortex in the deaf. <i>Nature Neuroscience</i> , 2001, 4, 1171-1173.	7.1	533
2	Long-term deprivation affects visual perception and cortex. <i>Nature Neuroscience</i> , 2003, 6, 915-916.	7.1	270
3	Visual Performance Using a Retinal Prosthesis in Three Subjects With Retinitis Pigmentosa. <i>American Journal of Ophthalmology</i> , 2007, 143, 820-827.e2.	1.7	226
4	Comparing perceptual learning across tasks: A review. <i>Journal of Vision</i> , 2002, 2, 5-5.	0.1	208
5	Factors Affecting Perceptual Thresholds in Epiretinal Prostheses. , 2008, 49, 2303.		204
6	Frequency and Amplitude Modulation Have Different Effects on the Percepts Elicited by Retinal Stimulation. , 2012, 53, 205.		143
7	Visual Motion Area MT+/V5 Responds to Auditory Motion in Human Sight-Recovery Subjects. <i>Journal of Neuroscience</i> , 2008, 28, 5141-5148.	1.7	141
8	Predicting Visual Sensitivity in Retinal Prosthesis Patients. , 2009, 50, 1483.		103
9	Brightness as a Function of Current Amplitude in Human Retinal Electrical Stimulation. , 2009, 50, 5017.		99
10	Spatiotemporal Interactions in Retinal Prosthesis Subjects. , 2010, 51, 1223.		97
11	A model of ganglion axon pathways accounts for percepts elicited by retinal implants. <i>Scientific Reports</i> , 2019, 9, 9199.	1.6	86
12	Surface segmentation based on the luminance and color statistics of natural scenes. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2003, 20, 1283.	0.8	73
13	Learning to see again: biological constraints on cortical plasticity and the implications for sight restoration technologies. <i>Journal of Neural Engineering</i> , 2017, 14, 051003.	1.8	72
14	Population receptive field estimates of human auditory cortex. <i>NeuroImage</i> , 2015, 105, 428-439.	2.1	66
15	Minimizing biases in estimating the reorganization of human visual areas with BOLD retinotopic mapping. <i>Journal of Vision</i> , 2013, 13, 13-13.	0.1	60
16	Resting-State Retinotopic Organization in the Absence of Retinal Input and Visual Experience. <i>Journal of Neuroscience</i> , 2015, 35, 12366-12382.	1.7	55
17	Early Blindness Results in Developmental Plasticity for Auditory Motion Processing within Auditory and Occipital Cortex. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 324.	1.0	54
18	Pulse trains to percepts: the challenge of creating a perceptually intelligible world with sight recovery technologies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20140208.	1.8	49

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19	Blindness and Human Brain Plasticity. Annual Review of Vision Science, 2018, 4, 337-356.	2.3	49
20	Auditory motion processing after early blindness. Journal of Vision, 2014, 14, 4-4.	0.1	48
21	Temporal Interactions during Paired-Electrode Stimulation in Two Retinal Prosthesis Subjects. , 2011, 52, 549.		47
22	Visual function before and after the removal of bilateral congenital cataracts in adulthood. Vision Research, 2002, 42, 191-210.	0.7	38
23	Anatomical and functional plasticity in early blind individuals and the mixture of experts architecture. Frontiers in Human Neuroscience, 2014, 8, 971.	1.0	32
24	A Lack of Experience-Dependent Plasticity After More Than a Decade of Recovered Sight. Psychological Science, 2015, 26, 393-401.	1.8	32
25	Re-examining overlap between tactile and visual motion responses within hMT + and STS. NeuroImage, 2015, 119, 187-196.	2.1	31
26	Visual callosal topography in the absence of retinal input. NeuroImage, 2013, 81, 325-334.	2.1	30
27	Subcortical functional reorganization due to early blindness. Journal of Neurophysiology, 2015, 113, 2889-2899.	0.9	29
28	pulse2percept: A Python-based simulation framework for bionic vision. , 2017, , .		28
29	Early Blindness Shapes Cortical Representations of Auditory Frequency within Auditory Cortex. Journal of Neuroscience, 2019, 39, 5143-5152.	1.7	26
30	Neurochemical changes in the pericalcarine cortex in congenital blindness attributable to bilateral anophthalmia. Journal of Neurophysiology, 2015, 114, 1725-1733.	0.9	24
31	Vision research special issue: Sight restoration: Prosthetics, optogenetics and gene therapy. Vision Research, 2015, 111, 115-123.	0.7	18
32	Responses in area hMT+ reflect tuning for both auditory frequency and motion after blindness early in life. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10081-10086.	3.3	16
33	The Effect of Onset Age of Visual Deprivation on Visual Cortex Surface Area Across-Species. Cerebral Cortex, 2019, 29, 4321-4333.	1.6	14
34	Vision after 53 Years of Blindness. I-Perception, 2013, 4, 498-507.	0.8	13
35	The impact of low vision on social function: The potential importance of lost visual social cues. Journal of Optometry, 2022, , .	0.7	7
36	Reconstructing Tone Sequences from Functional Magnetic Resonance Imaging Blood-Oxygen Level Dependent Responses within Human Primary Auditory Cortex. Frontiers in Psychology, 2017, 8, 1983.	1.1	6

#	ARTICLE	IF	CITATIONS
37	New insights into cortical development and plasticity: from molecules to behavior. Current Opinion in Physiology, 2020, 16, 50-60.	0.9	6
38	Do you hear what I see?. Nature, 2014, 508, 461-462.	13.7	5
39	Model-Based Recommendations for Optimal Surgical Placement of Epiretinal Implants. Lecture Notes in Computer Science, 2019, 11768, 394-402.	1.0	5
40	The Effects of Visual Deprivation After Infancy. , 2011, , 750-766.		4
41	Modeling the perceptual experience of retinal prosthesis patients. Journal of Vision, 2017, 17, 573.	0.1	4
42	Learning to see again: Perceptual learning of simulated abnormal on- off-cell population responses in sighted individuals. Journal of Vision, 2021, 21, 10.	0.1	3
43	lone Fine. Current Biology, 2016, 26, R745-R746.	1.8	0
44	Examining auditory object and scene processing in early blind individuals.. Journal of Vision, 2017, 17, 1358.	0.1	0
45	Vision in the blind. Journal of Vision, 2018, 18, 1348.	0.1	0
46	Cross-modal Plasticity After Early Blindness Co-opts Persisting Visual Archetecture.. Journal of Vision, 2018, 18, 1226.	0.1	0
47	Enhanced auditory segregation in early blind individuals. Journal of Vision, 2019, 19, 167.	0.1	0
48	The Alignment of Systemic Low Frequency Oscillations with V1 Retinotopic Organization. Journal of Vision, 2019, 19, 79.	0.1	0
49	Using dynamic contrast estimation to assess interocular summation for non-rivalrous stimuli. Journal of Vision, 2019, 19, 80.	0.1	0
50	Using dynamic contrast estimation to assess interocular summation for non-rivalrous stimuli in typical and atypical binocular vision. Journal of Vision, 2019, 19, 45.	0.1	0
51	Contributed Session I: What limits the spatial resolution of artificial vision in epiretinal implant patients?. Journal of Vision, 2022, 22, 12.	0.1	0
52	Contributed Session II: The mechanisms underlying enhanced auditory motion perception in early blind individuals. Journal of Vision, 2022, 22, 25.	0.1	0