

# Ella Striem-Amit

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5219866/publications.pdf>

Version: 2024-02-01

28  
papers

1,286  
citations

623734

14  
h-index

713466

21  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reading with Sounds: Sensory Substitution Selectively Activates the Visual Word Form Area in the Blind. <i>Neuron</i> , 2012, 76, 640-652.	8.1	243
2	Visual Cortex Extrastriate Body-Selective Area Activation in Congenitally Blind People "Seeing" by Using Sounds. <i>Current Biology</i> , 2014, 24, 687-692.	3.9	142
3	Functional connectivity of visual cortex in the blind follows retinotopic organization principles. <i>Brain</i> , 2015, 138, 1679-1695.	7.6	132
4	The large-Scale Organization of "Visual" Streams Emerges Without Visual Experience. <i>Cerebral Cortex</i> , 2012, 22, 1698-1709.	2.9	115
5	Extensive Cochleotopic Mapping of Human Auditory Cortical Fields Obtained with Phase-Encoding fMRI. <i>PLoS ONE</i> , 2011, 6, e17832.	2.5	100
6	"Visual" Acuity of the Congenitally Blind Using Visual-to-Auditory Sensory Substitution. <i>PLoS ONE</i> , 2012, 7, e33136.	2.5	99
7	Superior Serial Memory in the Blind: A Case of Cognitive Compensatory Adjustment. <i>Current Biology</i> , 2007, 17, 1129-1133.	3.9	96
8	Origins of task-specific sensory-independent organization in the visual and auditory brain: neuroscience evidence, open questions and clinical implications. <i>Current Opinion in Neurobiology</i> , 2015, 35, 169-177.	4.2	81
9	Neural representation of visual concepts in people born blind. <i>Nature Communications</i> , 2018, 9, 5250.	12.8	43
10	Plasticity based on compensatory effector use in the association but not primary sensorimotor cortex of people born without hands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7801-7806.	7.1	36
11	Negative BOLD in Sensory Cortices During Verbal Memory: A Component in Generating Internal Representations?. <i>Brain Topography</i> , 2009, 21, 221-231.	1.8	34
12	Sensorimotor-independent development of hands and tools selectivity in the visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4787-4792.	7.1	34
13	Topographical functional connectivity patterns exist in the congenitally, prelingually deaf. <i>Scientific Reports</i> , 2016, 6, 29375.	3.3	29
14	Large-Scale Organization of the Hand Action Observation Network in Individuals Born Without Hands. <i>Cerebral Cortex</i> , 2019, 29, 3434-3444.	2.9	19
15	Creative exploration as a scale-invariant search on a meaning landscape. <i>Nature Communications</i> , 2018, 9, 5411.	12.8	16
16	Large-Scale Brain Plasticity Following Blindness and the Use of Sensory Substitution Devices. , 2010, , 351-380.		16
17	Evidence for an effector-independent action system from people born without hands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28433-28441.	7.1	14
18	The Role of Visual Experience in Individual Differences of Brain Connectivity. <i>Journal of Neuroscience</i> , 2022, 42, 5070-5084.	3.6	9

#	ARTICLE	IF	CITATIONS
19	Neurophysiological Mechanisms Underlying Plastic Changes and Rehabilitation following Sensory Loss in Blindness and Deafness. <i>Frontiers in Neuroscience</i> , 2011, , 395-422.	0.0	6
20	Neurophysiological Mechanisms Underlying Plastic Changes and Rehabilitation following Sensory Loss in Blindness and Deafness. <i>Frontiers in Neuroscience</i> , 2011, , 395-422.	0.0	6
21	Brain Plasticity: When the Feet and Mouth Replace the Hand. <i>Current Biology</i> , 2017, 27, R356-R358.	3.9	2
22	Primary visual cortex is activated by spoken language comprehension. <i>Journal of Vision</i> , 2021, 21, 2256.	0.3	2
23	Are reaching and grasping effector-independent? Similarities and differences in reaching and grasping kinematics between the hand and foot. <i>Experimental Brain Research</i> , 2022, 240, 1833-1848.	1.5	1
24	The neural correlates of hand and foot action recognition in individuals born without upper limbs. <i>Journal of Vision</i> , 2017, 17, 988.	0.3	0
25	Visual cortex connectivity variability in congenitally blind individuals. <i>Journal of Vision</i> , 2019, 19, 159c.	0.3	0
26	Effector-independence in the visuo-motor system: the case of foot action in people born without hands. <i>Journal of Vision</i> , 2020, 20, 1236.	0.3	0
27	A right-lateralized effect of motor experience on manipulable object representations. <i>Journal of Vision</i> , 2020, 20, 1347.	0.3	0
28	Similar kinematics of grasping behavior across the hand and foot. <i>Journal of Vision</i> , 2020, 20, 1351.	0.3	0