

Ron Kupers

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,851
citations

20
h-index

42
g-index

58
ext. papers

2,231
ext. citations

4.7
avg, IF

4.81
L-index

#	Paper	IF	Citations
54	Cross-modal plasticity revealed by electrotactile stimulation of the tongue in the congenitally blind. <i>Brain</i> , 2005 , 128, 606-14	11.2	222
53	Alterations of the visual pathways in congenital blindness. <i>Experimental Brain Research</i> , 2008 , 187, 41-9	2.3	157
52	Compensatory plasticity and cross-modal reorganization following early visual deprivation. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 41, 36-52	9	147
51	Neural correlates of virtual route recognition in congenital blindness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 12716-21	11.5	134
50	Beyond visual, aural and haptic movement perception: hMT+ is activated by electrotactile motion stimulation of the tongue in sighted and in congenitally blind individuals. <i>Brain Research Bulletin</i> , 2010 , 82, 264-70	3.9	110
49	Navigation with a sensory substitution device in congenitally blind individuals. <i>NeuroReport</i> , 2011 , 22, 342-7	1.7	96
48	Transcranial magnetic stimulation of the visual cortex induces somatotopically organized qualia in blind subjects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 13256-60	11.5	95
47	Quantitative rates of brain glucose metabolism distinguish minimally conscious from vegetative state patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 58-65	7.3	72
46	Tactile-Visual Acuity of the tongue in early blind individuals. <i>NeuroReport</i> , 2007 , 18, 1901-4	1.7	70
45	Odor perception and odor awareness in congenital blindness. <i>Brain Research Bulletin</i> , 2011 , 84, 206-9	3.9	64
44	The Minimal Energetic Requirement of Sustained Awareness after Brain Injury. <i>Current Biology</i> , 2016 , 26, 1494-9	6.3	61
43	The nature of consciousness in the visually deprived brain. <i>Frontiers in Psychology</i> , 2011 , 2, 19	3.4	52
42	Crossmodal recruitment of the ventral visual stream in congenital blindness. <i>Neural Plasticity</i> , 2012 , 2012, 304045	3.3	44
41	Alterations in right posterior hippocampus in early blind individuals. <i>NeuroReport</i> , 2007 , 18, 329-33	1.7	39
40	Are Supramodality and Cross-Modal Plasticity the Yin and Yang of Brain Development? From Blindness to Rehabilitation. <i>Frontiers in Systems Neuroscience</i> , 2016 , 10, 89	3.5	39
39	Congenital blindness affects diencephalic but not mesencephalic structures in the human brain. <i>Brain Structure and Function</i> , 2016 , 221, 1465-80	4	35
38	Insights from darkness: what the study of blindness has taught us about brain structure and function. <i>Progress in Brain Research</i> , 2011 , 192, 17-31	2.9	29

37	Activation of the hippocampal complex during tactile maze solving in congenitally blind subjects. <i>Neuropsychologia</i> , 2012 , 50, 1663-71	3.2	26
36	Morphometric changes of the corpus callosum in congenital blindness. <i>PLoS ONE</i> , 2014 , 9, e107871	3.7	26
35	Simultaneous Assessment of White Matter Changes in Microstructure and Connectedness in the Blind Brain. <i>Neural Plasticity</i> , 2016 , 2016, 6029241	3.3	24
34	Blindness alters the microstructure of the ventral but not the dorsal visual stream. <i>Brain Structure and Function</i> , 2016 , 221, 2891-903	4	20
33	Prevalence of increases in functional connectivity in visual, somatosensory and language areas in congenital blindness. <i>Frontiers in Neuroanatomy</i> , 2015 , 9, 86	3.6	20
32	Enhanced chemosensory detection of negative emotions in congenital blindness. <i>Neural Plasticity</i> , 2015 , 2015, 469750	3.3	20
31	Hypersensitivity to pain in congenital blindness. <i>Pain</i> , 2013 , 154, 1973-1978	8	19
30	Superior orthonasal but not retronasal olfactory skills in congenital blindness. <i>PLoS ONE</i> , 2015 , 10, e0123567	3.5	18
29	MEG reveals a fast pathway from somatosensory cortex to occipital areas via posterior parietal cortex in a blind subject. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 429	3.3	18
28	Sensory Substitution and the Neural Correlates of Navigation in Blindness 2018 , 167-200		17
27	Reduced taste sensitivity in congenital blindness. <i>Chemical Senses</i> , 2013 , 38, 509-17	4.8	17
26	Neural correlates of taste perception in congenital olfactory impairment. <i>Neuropsychologia</i> , 2014 , 62, 297-305	3.2	16
25	The sensory construction of dreams and nightmare frequency in congenitally blind and late blind individuals. <i>Sleep Medicine</i> , 2014 , 15, 586-95	4.6	16
24	Pain perception is increased in congenital but not late onset blindness. <i>PLoS ONE</i> , 2014 , 9, e107281	3.7	15
23	Making sense of the chemical senses. <i>Multisensory Research</i> , 2014 , 27, 399-419	1.9	12
22	A thalamocortical pathway for fast rerouting of tactile information to occipital cortex in congenital blindness. <i>Nature Communications</i> , 2019 , 10, 5154	17.4	11
21	Adaptive neuroplastic responses in early and late hemispherectomized monkeys. <i>Neural Plasticity</i> , 2012 , 2012, 852423	3.3	10
20	Organization of the commissural fiber system in congenital and late-onset blindness. <i>NeuroImage: Clinical</i> , 2020 , 25, 102133	5.3	9

19	Enhanced heat discrimination in congenital blindness. <i>Behavioural Brain Research</i> , 2015 , 283, 233-7	3.4	7
18	Tactile maze solving in congenitally blind individuals. <i>NeuroReport</i> , 2010 , 21, 989-92	1.7	7
17	Multimodal therapeutic assessment of peripheral nerve stimulation in neuropathic pain: five case reports with a 20-year follow-up. <i>European Journal of Pain</i> , 2011 , 15, 161.e1-9	3.7	7
16	Parkinson's disease and changes in the appreciation of art: A comparison of aesthetic and formal evaluations of paintings between PD patients and healthy controls. <i>Brain and Cognition</i> , 2019 , 136, 103597	3.7	6
15	Impact of Global Mean Normalization on Regional Glucose Metabolism in the Human Brain. <i>Neural Plasticity</i> , 2018 , 2018, 6120925	3.3	6
14	Rapid eye movements are reduced in blind individuals. <i>Journal of Sleep Research</i> , 2019 , 28, e12866	5.8	5
13	Sleep structure in blindness is influenced by circadian desynchrony. <i>Journal of Sleep Research</i> , 2018 , 27, 120-128	5.8	5
12	Resting-state functional connectivity and cortical thickness characterization of a patient with Charles Bonnet syndrome. <i>PLoS ONE</i> , 2019 , 14, e0219656	3.7	5
11	Preserved sleep microstructure in blind individuals. <i>Sleep Medicine</i> , 2018 , 42, 21-30	4.6	4
10	The Multisensory Blind Brain 2018 , 111-136		3
9	Reorganization of Sound Location Processing in the Auditory Cortex of Blind Humans. <i>Cerebral Cortex</i> , 2020 , 30, 1103-1116	5.1	3
8	Metabolic underpinnings of activated and deactivated cortical areas in human brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021 , 41, 986-1000	7.3	3
7	Structural, metabolic and functional changes in the congenitally blind brain. <i>International Journal of Psychophysiology</i> , 2014 , 94, 152	2.9	2
6	Aβ and not C fibers mediate thermal hyperalgesia to short laser stimuli after burn injury in man. <i>Pain</i> , 2018 , 159, 2331-2338	8	2
5	High-Density EEG in a Charles Bonnet Syndrome Patient during and without Visual Hallucinations: A Case-Report Study. <i>Cells</i> , 2021 , 10,	7.9	2
4	Spatial navigation with horizontally spatialized sounds in early and late blind individuals. <i>PLoS ONE</i> , 2021 , 16, e0247448	3.7	1
3	A quantitative analysis of the retinofugal projections in congenital and late-onset blindness. <i>NeuroImage: Clinical</i> , 2021 , 32, 102809	5.3	1
2	Brain Morphological Modifications in Congenital and Acquired Auditory Deprivation: A Systematic Review and Coordinate-Based Meta-Analysis. <i>Frontiers in Neuroscience</i> , 2022 , 16, 850245	5.1	1

1 Response to letter to the editor. *Pain*, **2014**, 155, 436-437

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