

Olivier Collignon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8082398/publications.pdf>

Version: 2024-02-01

60
papers

3,466
citations

236925

25
h-index

161849

54
g-index

77
all docs

77
docs citations

77
times ranked

3829
citing authors

#	ARTICLE	IF	CITATIONS
1	Synesthesia in a congenitally blind individual. <i>Neuropsychologia</i> , 2022, 170, 108226.	1.6	1
2	Structural and Functional Network-Level Reorganization in the Coding of Auditory Motion Directions and Sound Source Locations in the Absence of Vision. <i>Journal of Neuroscience</i> , 2022, 42, 4652-4668.	3.6	11
3	Tactile numerosity is coded in external space. <i>Cortex</i> , 2021, 134, 43-51.	2.4	11
4	Direct Structural Connections between Auditory and Visual Motion-Selective Regions in Humans. <i>Journal of Neuroscience</i> , 2021, 41, 2393-2405.	3.6	19
5	Visual motion processing recruits regions selective for auditory motion in early deaf individuals. <i>NeuroImage</i> , 2021, 230, 117816.	4.2	20
6	Early visual deprivation does not prevent the emergence of basic numerical abilities in blind children. <i>Cognition</i> , 2021, 210, 104586.	2.2	6
7	Fast Periodic Auditory Stimulation Reveals a Robust Categorical Response to Voices in the Human Brain. <i>ENeuro</i> , 2021, 8, ENEURO.0471-20.2021.	1.9	9
8	Brief Postnatal Visual Deprivation Triggers Long-Lasting Interactive Structural and Functional Reorganization of the Human Cortex. <i>Frontiers in Medicine</i> , 2021, 8, 752021.	2.6	4
9	Within- and Cross-Modal Integration and Attention in the Autism Spectrum. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 87-100.	2.7	4
10	Investigating the respective contribution of sensory modalities and spatial disposition in numerical training. <i>Journal of Experimental Child Psychology</i> , 2020, 190, 104729.	1.4	3
11	Stereotactic electroencephalography in humans reveals multisensory signal in early visual and auditory cortices. <i>Cortex</i> , 2020, 126, 253-264.	2.4	20
12	How visual is the « number sense »? Insights from the blind. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 290-297.	6.1	6
13	General Enhancement of Spatial Hearing in Congenitally Blind People. <i>Psychological Science</i> , 2020, 31, 1129-1139.	3.3	22
14	Variability in the analysis of a single neuroimaging dataset by many teams. <i>Nature</i> , 2020, 582, 84-88.	27.8	634
15	Shared Representation of Visual and Auditory Motion Directions in the Human Middle-Temporal Cortex. <i>Current Biology</i> , 2020, 30, 2289-2299.e8.	3.9	27
16	Selective visual and crossmodal impairment in the discrimination of anger and fear expressions in severe alcohol use disorder. <i>Drug and Alcohol Dependence</i> , 2020, 213, 108079.	3.2	3
17	The shared numerical representation for action and perception develops independently from vision. <i>Cortex</i> , 2020, 129, 436-445.	2.4	19
18	Brain Regions Involved in Conceptual Retrieval in Sighted and Blind People. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1009-1025.	2.3	21

#	ARTICLE	IF	CITATIONS
19	Categorical representation from sound and sight in the ventral occipito-temporal cortex of sighted and blind. <i>ELife</i> , 2020, 9, .	6.0	56
20	Sound symbolism in sighted and blind. The role of vision and orthography in sound-shape correspondences. <i>Cognition</i> , 2019, 185, 62-70.	2.2	15
21	Representation of Auditory Motion Directions and Sound Source Locations in the Human Planum Temporale. <i>Journal of Neuroscience</i> , 2019, 39, 2208-2220.	3.6	23
22	Time-resolved discrimination of audio-visual emotion expressions. <i>Cortex</i> , 2019, 119, 184-194.	2.4	9
23	Recruitment of the occipital cortex by arithmetic processing follows computational bias in the congenitally blind. <i>NeuroImage</i> , 2019, 186, 549-556.	4.2	21
24	Hierarchical Brain Network for Face and Voice Integration of Emotion Expression. <i>Cerebral Cortex</i> , 2019, 29, 3590-3605.	2.9	17
25	Time-resolved discrimination of audiovisual expressions of emotion in children with and without autism. <i>Journal of Vision</i> , 2019, 19, 20a.	0.3	0
26	Blind readers break mirror invariance as sighted do. <i>Cortex</i> , 2018, 101, 154-162.	2.4	7
27	Functional Preference for Object Sounds and Voices in the Brain of Early Blind and Sighted Individuals. <i>Journal of Cognitive Neuroscience</i> , 2018, 30, 86-106.	2.3	35
28	Is Red Heavier Than Yellow Even for Blind?. <i>I-Perception</i> , 2018, 9, 204166951875912.	1.4	7
29	A Visual Cortical Network for Deriving Phonological Information from Intelligible Lip Movements. <i>Current Biology</i> , 2018, 28, 1453-1459.e3.	3.9	64
30	Neuronal populations in the occipital cortex of the blind synchronize to the temporal dynamics of speech. <i>ELife</i> , 2018, 7, .	6.0	35
31	White matter connectivity between occipital and temporal regions involved in face and voice processing in hearing and early deaf individuals. <i>NeuroImage</i> , 2018, 179, 263-274.	4.2	27
32	The balanced act of crossmodal and intramodal plasticity: Enhanced representation of auditory categories in the occipital cortex of early blind people links to reduced temporal coding. <i>Journal of Vision</i> , 2018, 18, 554.	0.3	1
33	Structural neuroplasticity of the superior temporal plane in early and late blindness. <i>Brain and Language</i> , 2017, 170, 71-81.	1.6	8
34	State-dependent modulation of functional connectivity in early blind individuals. <i>NeuroImage</i> , 2017, 147, 532-541.	4.2	34
35	Functional selectivity for face processing in the temporal voice area of early deaf individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6437-E6446.	7.1	68
36	Multimodal MR-imaging reveals large-scale structural and functional connectivity changes in profound early blindness. <i>PLoS ONE</i> , 2017, 12, e0173064.	2.5	40

#	ARTICLE	IF	CITATIONS
37	Auditory motion in the sighted and blind: Early visual deprivation triggers a large-scale imbalance between auditory and visual brain regions. <i>NeuroImage</i> , 2016, 134, 630-644.	4.2	76
38	Early but not late blindness leads to enhanced arithmetic and working memory abilities. <i>Cortex</i> , 2016, 83, 212-221.	2.4	39
39	Early blindness alters the spatial organization of verbal working memory. <i>Cortex</i> , 2016, 83, 271-279.	2.4	23
40	A Brief Period of Postnatal Visual Deprivation Alters the Balance between Auditory and Visual Attention. <i>Current Biology</i> , 2016, 26, 3101-3105.	3.9	33
41	Congenital blindness is associated with large-scale reorganization of anatomical networks. <i>NeuroImage</i> , 2016, 128, 362-372.	4.2	39
42	A study of brain white matter plasticity in early blinds using tract-based spatial statistics and tract statistical analysis. <i>NeuroReport</i> , 2015, 26, 1151-1154.	1.2	16
43	Long-Lasting Crossmodal Cortical Reorganization Triggered by Brief Postnatal Visual Deprivation. <i>Current Biology</i> , 2015, 25, 2379-2383.	3.9	83
44	Visual experience influences the interactions between fingers and numbers. <i>Cognition</i> , 2014, 133, 91-96.	2.2	26
45	Blue Light Stimulates Cognitive Brain Activity in Visually Blind Individuals. <i>Journal of Cognitive Neuroscience</i> , 2013, 25, 2072-2085.	2.3	94
46	Embodied numbers: The role of vision in the development of number-space interactions. <i>Cortex</i> , 2013, 49, 276-283.	2.4	47
47	Impact of blindness onset on the functional organization and the connectivity of the occipital cortex. <i>Brain</i> , 2013, 136, 2769-2783.	7.6	193
48	Plasticity of the Dorsal Spatial Stream in Visually Deprived Individuals. <i>Neural Plasticity</i> , 2012, 2012, 1-12.	2.2	32
49	Building the Brain in the Dark: Functional and Specific Crossmodal Reorganization in the Occipital Cortex of Blind Individuals. , 2012, , 114-137.		9
50	The role of vision in the development of finger-number interactions: Finger-counting and finger-montring in blind children. <i>Journal of Experimental Child Psychology</i> , 2011, 109, 525-539.	1.4	65
51	Sensory rehabilitation in the plastic brain. <i>Progress in Brain Research</i> , 2011, 191, 211-231.	1.4	56
52	Functional specialization for auditory spatial processing in the occipital cortex of congenitally blind humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 4435-4440.	7.1	287
53	Functional selectivity in sensory-deprived cortices. <i>Journal of Neurophysiology</i> , 2011, 105, 2627-2630.	1.8	57
54	Further evidence that congenitally blind participants react faster to auditory and tactile spatial targets.. <i>Canadian Journal of Experimental Psychology</i> , 2009, 63, 287-293.	0.8	44

#	ARTICLE	IF	CITATIONS
55	Cross-modal plasticity for the spatial processing of sounds in visually deprived subjects. <i>Experimental Brain Research</i> , 2009, 192, 343-358.	1.5	228
56	Audio-visual integration of emotion expression. <i>Brain Research</i> , 2008, 1242, 126-135.	2.2	267
57	Time-course of Posterior Parietal and Occipital Cortex Contribution to Sound Localization. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1454-1463.	2.3	25
58	Improved selective and divided spatial attention in early blind subjects. <i>Brain Research</i> , 2006, 1075, 175-182.	2.2	114
59	Functional Cerebral Reorganization for Auditory Spatial Processing and Auditory Substitution of Vision in Early Blind Subjects. <i>Cerebral Cortex</i> , 2006, 17, 457-465.	2.9	153
60	Specific activation of the V5 brain area by auditory motion processing: An fMRI study. <i>Cognitive Brain Research</i> , 2005, 25, 650-658.	3.0	140