

# Jerome Sallet

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6165480/publications.pdf>

Version: 2024-02-01

87  
papers

9,570  
citations

93792

39  
h-index

73587

79  
g-index

117  
all docs

117  
docs citations

117  
times ranked

10140  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intra-Areal Visual Topography in Primate Brains Mapped with Probabilistic Tractography of Diffusion-Weighted Imaging. <i>Cerebral Cortex</i> , 2022, 32, 2555-2574.	1.6	1
2	Cortical Morphology and White Matter Tractography of Three Phylogenetically Distant Primates: Evidence for a Simian Elaboration. <i>Cerebral Cortex</i> , 2022, 32, 1608-1624.	1.6	11
3	A triple-network organization for the mouse brain. <i>Molecular Psychiatry</i> , 2022, 27, 865-872.	4.1	44
4	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. <i>Neuron</i> , 2022, 110, 16-20.	3.8	22
5	White matter tract transcranial ultrasound stimulation, a computational study. <i>Computers in Biology and Medicine</i> , 2022, 140, 105094.	3.9	3
6	Non-invasive transcranial ultrasound stimulation for neuromodulation. <i>Clinical Neurophysiology</i> , 2022, 135, 51-73.	0.7	87
7	The Digital Brain Bank, an open access platform for post-mortem imaging datasets. <i>ELife</i> , 2022, 11, .	2.8	22
8	On the evolutionary roots of human social cognition. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104632.	2.9	1
9	Frontal cortical functional connectivity is impacted by anaesthesia in macaques. <i>Cerebral Cortex</i> , 2022, 32, 4050-4067.	1.6	11
10	Social connections predict brain structure in a multidimensional free-ranging primate society. <i>Science Advances</i> , 2022, 8, eabl5794.	4.7	20
11	Chimpanzee histology and functional brain imaging show that the paracingulate sulcus is not human-specific. <i>Communications Biology</i> , 2021, 4, 54.	2.0	26
12	Activation and disruption of a neural mechanism for novel choice in monkeys. <i>Nature</i> , 2021, 591, 270-274.	13.7	52
13	Imaging evolution of the primate brain: the next frontier?. <i>NeuroImage</i> , 2021, 228, 117685.	2.1	43
14	Toward a hierarchical model of social cognition: A neuroimaging meta-analysis and integrative review of empathy and theory of mind.. <i>Psychological Bulletin</i> , 2021, 147, 293-327.	5.5	238
15	Variability in Brain Structure and Function Reflects Lack of Peer Support. <i>Cerebral Cortex</i> , 2021, 31, 4612-4627.	1.6	22
16	Viewing Ambiguous Social Interactions Increases Functional Connectivity between Frontal and Temporal Nodes of the Social Brain. <i>Journal of Neuroscience</i> , 2021, 41, 6070-6086.	1.7	14
17	Combining brain perturbation and neuroimaging in non-human primates. <i>NeuroImage</i> , 2021, 235, 118017.	2.1	50
18	Diffusion MRI data, sulcal anatomy, and tractography for eight species from the Primate Brain Bank. <i>Brain Structure and Function</i> , 2021, 226, 2497-2509.	1.2	12

#	ARTICLE	IF	CITATIONS
19	Social prediction modulates activity of macaque superior temporal cortex. <i>Science Advances</i> , 2021, 7, eabh2392.	4.7	15
20	Impact of internal and external factors on prosocial choices in rhesus macaques. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20190678.	1.8	2
21	Comparative connectomics of the primate social brain. <i>NeuroImage</i> , 2021, 245, 118693.	2.1	23
22	Ultrasound modulation of macaque prefrontal cortex selectively alters credit assignment-related activity and behavior. <i>Science Advances</i> , 2021, 7, eabg7700.	4.7	27
23	A Basal Forebrain-Cingulate Circuit in Macaques Decides It Is Time to Act. <i>Neuron</i> , 2020, 105, 370-384.e8.	3.8	69
24	Longitudinal connections and the organization of the temporal cortex in macaques, great apes, and humans. <i>PLoS Biology</i> , 2020, 18, e3000810.	2.6	49
25	Differential functional connectivity underlying asymmetric reward-related activity in human and nonhuman primates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28452-28462.	3.3	28
26	Noradrenergic But Not Dopaminergic Neurons Signal Task State Changes and Predict Reengagement After a Failure. <i>Cerebral Cortex</i> , 2020, 30, 4979-4994.	1.6	12
27	XTRACT - Standardised protocols for automated tractography in the human and macaque brain. <i>NeuroImage</i> , 2020, 217, 116923.	2.1	165
28	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. <i>PLoS Biology</i> , 2020, 18, e3000605.	2.6	24
29	Accelerating the Evolution of Nonhuman Primate Neuroimaging. <i>Neuron</i> , 2020, 105, 600-603.	3.8	92
30	Multiple systems in macaques for tracking prediction errors and other types of surprise. <i>PLoS Biology</i> , 2020, 18, e3000899.	2.6	13
31	Primate homologs of mouse cortico-striatal circuits. <i>ELife</i> , 2020, 9, .	2.8	73
32	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
33	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
34	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
35	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
36	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0

#	ARTICLE	IF	CITATIONS
37	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
38	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. Cortex, 2019, 118, 107-115.	1.1	88
39	Sulcal organization in the medial frontal cortex provides insights into primate brain evolution. Nature Communications, 2019, 10, 3437.	5.8	77
40	Ultrasound Neuromodulation: A Review of Results, Mechanisms and Safety. Ultrasound in Medicine and Biology, 2019, 45, 1509-1536.	0.7	297
41	The Human Ventromedial Prefrontal Cortex: Sulcal Morphology and Its Influence on Functional Organization. Journal of Neuroscience, 2019, 39, 3627-3639.	1.7	70
42	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. Nature Neuroscience, 2019, 22, 797-808.	7.1	143
43	Manipulation of Subcortical and Deep Cortical Activity in the Primate Brain Using Transcranial Focused Ultrasound Stimulation. Neuron, 2019, 101, 1109-1116.e5.	3.8	253
44	Mapping multiple principles of parietalâ€“frontal cortical organization using functional connectivity. Brain Structure and Function, 2019, 224, 681-697.	1.2	16
45	Offline impact of transcranial focused ultrasound on cortical activation in primates. ELife, 2019, 8, .	2.8	196
46	Preserved extrastriate visual network in a monkey with substantial, naturally occurring damage to primary visual cortex. ELife, 2019, 8, .	2.8	19
47	Dichotomous organization of amygdala/temporal-prefrontal bundles in both humans and monkeys. ELife, 2019, 8, .	2.8	66
48	The structural and functional brain networks that support human social networks. Behavioural Brain Research, 2018, 355, 12-23.	1.2	92
49	Computational Model of the User's Learning Process When Cued by a Social Versus Non-Social Agent. , 2018, , .		0
50	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	3.8	190
51	Dual contributions of noradrenaline to behavioural flexibility and motivation. Psychopharmacology, 2018, 235, 2687-2702.	1.5	37
52	Whole brain comparative anatomy using connectivity blueprints. ELife, 2018, 7, .	2.8	135
53	Social Learning in the Medial Prefrontal Cortex. Trends in Cognitive Sciences, 2017, 21, 151-152.	4.0	35
54	Specifying the brain anatomy underlying temporo-parietal junction activations for theory of mind: A review using probabilistic atlases from different imaging modalities. Human Brain Mapping, 2017, 38, 4788-4805.	1.9	136

#	ARTICLE	IF	CITATIONS
55	Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a less-is-more task. <i>Nature Communications</i> , 2017, 8, 1886.	5.8	44
56	Evolutionary Specializations of Human Association Cortex. , 2017, , 185-205.		16
57	Organization of the Social Brain in Macaques and Humans. , 2017, , 189-198.		7
58	Individual Differences in the Alignment of Structural and Functional Markers of the V5/MT Complex in Primates. <i>Cerebral Cortex</i> , 2016, 26, 3928-3944.	1.6	35
59	A Putative Multiple-Demand System in the Macaque Brain. <i>Journal of Neuroscience</i> , 2016, 36, 8574-8585.	1.7	41
60	The extreme capsule fiber complex in humans and macaque monkeys: a comparative diffusion MRI tractography study. <i>Brain Structure and Function</i> , 2016, 221, 4059-4071.	1.2	91
61	Comparing brains by matching connectivity profiles. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 60, 90-97.	2.9	117
62	Contrasting Roles for Orbitofrontal Cortex and Amygdala in Credit Assignment and Learning in Macaques. <i>Neuron</i> , 2015, 87, 1106-1118.	3.8	138
63	Connectivity reveals relationship of brain areas for reward-guided learning and decision making in human and monkey frontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2695-704.	3.3	327
64	Primate comparative neuroscience using magnetic resonance imaging: promises and challenges. <i>Frontiers in Neuroscience</i> , 2014, 8, 298.	1.4	49
65	Comparing Connections in the Brains of Humans and Other Primates Using Diffusion-Weighted Imaging. , 2014, , 569-584.		1
66	A Neural Circuit Covarying with Social Hierarchy in Macaques. <i>PLoS Biology</i> , 2014, 12, e1001940.	2.6	133
67	A Weighted and Directed Interareal Connectivity Matrix for Macaque Cerebral Cortex. <i>Cerebral Cortex</i> , 2014, 24, 17-36.	1.6	711
68	Comparison of Human Ventral Frontal Cortex Areas for Cognitive Control and Language with Areas in Monkey Frontal Cortex. <i>Neuron</i> , 2014, 81, 700-713.	3.8	359
69	The Organization of Dorsal Frontal Cortex in Humans and Macaques. <i>Journal of Neuroscience</i> , 2013, 33, 12255-12274.	1.7	366
70	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13982-13987.	3.3	195
71	Are there specialized circuits for social cognition and are they unique to humans?. <i>Current Opinion in Neurobiology</i> , 2013, 23, 436-442.	2.0	131
72	Connectivity profiles reveal the relationship between brain areas for social cognition in human and monkey temporoparietal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10806-10811.	3.3	149

#	ARTICLE	IF	CITATIONS
73	Modulation of feedback-related negativity during trial-and-error exploration and encoding of behavioral shifts. <i>Frontiers in Neuroscience</i> , 2013, 7, 209.	1.4	19
74	On the relationship between the "default mode network" and the "social brain". <i>Frontiers in Human Neuroscience</i> , 2012, 6, 189.	1.0	601
75	Valuation and decision-making in frontal cortex: one or many serial or parallel systems?. <i>Current Opinion in Neurobiology</i> , 2012, 22, 946-955.	2.0	265
76	Connectivity-Based Subdivisions of the Human Right "Temporoparietal Junction Area": Evidence for Different Areas Participating in Different Cortical Networks. <i>Cerebral Cortex</i> , 2012, 22, 1894-1903.	1.6	452
77	Neuroscience: A More Dynamic View of the Social Brain. <i>Current Biology</i> , 2012, 22, R994-R995.	1.8	3
78	Modulation of feedback related activity in the rostral anterior cingulate cortex during trial and error exploration. <i>NeuroImage</i> , 2012, 63, 1078-1090.	2.1	68
79	Social Network Size Affects Neural Circuits in Macaques. <i>Science</i> , 2011, 334, 697-700.	6.0	435
80	Coordination of High Gamma Activity in Anterior Cingulate and Lateral Prefrontal Cortical Areas during Adaptation. <i>Journal of Neuroscience</i> , 2011, 31, 11110-11117.	1.7	64
81	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2011, 31, 4087-4100.	1.7	446
82	Does the medial orbitofrontal cortex have a role in social valuation?. <i>European Journal of Neuroscience</i> , 2010, 31, 2341-2351.	1.2	38
83	Separate value comparison and learning mechanisms in macaque medial and lateral orbitofrontal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 20547-20552.	3.3	307
84	Mean-Variance or Prospect Theory? The Nature of Value Representations in the Human Brain. <i>Journal of Neuroscience</i> , 2009, 29, 7945-7947.	1.7	14
85	Should I stay or should I go: genetic bases for uncertainty-driven exploration. <i>Nature Neuroscience</i> , 2009, 12, 963-965.	7.1	6
86	Expectations, gains, and losses in the anterior cingulate cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2007, 7, 327-336.	1.0	111
87	The Involvement of the Orbitofrontal Cortex in the Experience of Regret. <i>Science</i> , 2004, 304, 1167-1170.	6.0	651