Jerome Sallet

List of Publications by Year
in descending order

87	9,570	81900	64796
papers	citations	39	79
		h-index	g-index

117	117	117	8864
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Weighted and Directed Interareal Connectivity Matrix for Macaque Cerebral Cortex. Cerebral Cortex, 2014, 24, 17-36.	2.9	711
2	The Involvement of the Orbitofrontal Cortex in the Experience of Regret. Science, 2004, 304, 1167-1170.	12.6	651
3	On the relationship between the â€œdefault mode networkâ€•and the â€œsocial brainâ€• Frontiers in Human Neuroscience, 2012, 6, 189.	2.0	601
4	Connectivity-Based Subdivisions of the Human Right "Temporoparietal Junction Area": Evidence for Different Areas Participating in Different Cortical Networks. Cerebral Cortex, 2012, 22, 1894-1903.	2.9	452
5	Diffusion-Weighted Imaging Tractography-Based Parcellation of the Human Parietal Cortex and Comparison with Human and Macaque Resting-State Functional Connectivity. Journal of Neuroscience, 2011, 31, 4087-4100.	3.6	446
6	Social Network Size Affects Neural Circuits in Macaques. Science, 2011, 334, 697-700.	12.6	435
7	The Organization of Dorsal Frontal Cortex in Humans and Macaques. Journal of Neuroscience, 2013, 33, 12255-12274.	3.6	366
8	Comparison of Human Ventral Frontal Cortex Areas for Cognitive Control and Language with Areas in Monkey Frontal Cortex. Neuron, 2014, 81, 700-713.	8.1	359
9	Connectivity reveals relationship of brain areas for reward-guided learning and decision making in human and monkey frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2695-704.	7.1	327
10	Separate value comparison and learning mechanisms in macaque medial and lateral orbitofrontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 20547-20552.	7.1	307
11	Ultrasound Neuromodulation: A Review of Results, Mechanisms and Safety. Ultrasound in Medicine and Biology, 2019, 45, 1509-1536.	1.5	297
12	Valuation and decision-making in frontal cortex: one or many serial or parallel systems?. Current Opinion in Neurobiology, 2012, 22, 946-955.	4.2	265
13	Manipulation of Subcortical and Deep Cortical Activity in the Primate Brain Using Transcranial Focused Ultrasound Stimulation. Neuron, 2019, 101, 1109-1116.e5.	8.1	253
14	Toward a hierarchical model of social cognition: A neuroimaging meta-analysis and integrative review of empathy and theory of mind.. Psychological Bulletin, 2021, 147, 293-327.	6.1	238
15	Offline impact of transcranial focused ultrasound on cortical activation in primates. ELife, 2019, 8, .	6.0	196
16	Causal effect of disconnection lesions on interhemispheric functional connectivity in rhesus monkeys. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 13982-13987.	7.1	195
17	An Open Resource for Non-human Primate Imaging. Neuron, 2018, 100, 61-74.e2.	8.1	190
18	XTRACT - Standardised protocols for automated tractography in the human and macaque brain. NeuroImage, 2020, 217, 116923.	4.2	165

#	ARTICLE	IF	CITATIONS
19	Connectivity profiles reveal the relationship between brain areas for social cognition in human and monkey temporoparietal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10806-10811.	7.1	149
20	The macaque anterior cingulate cortex translates counterfactual choice value into actual behavioral change. Nature Neuroscience, 2019, 22, 797-808.	14.8	143
21	Contrasting Roles for Orbitofrontal Cortex and Amygdala in Credit Assignment and Learning in Macaques. Neuron, 2015, 87, 1106-1118.	8.1	138
22	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.	3.6	136
23	Whole brain comparative anatomy using connectivity blueprints. ELife, 2018, 7, .	6.0	135
24	A Neural Circuit Covarying with Social Hierarchy in Macaques. PLoS Biology, 2014, 12, e1001940.	5.6	133
25	Are there specialized circuits for social cognition and are they unique to humans?. Current Opinion in Neurobiology, 2013, 23, 436-442.	4.2	131
26	Comparing brains by matching connectivity profiles. Neuroscience and Biobehavioral Reviews, 2016, 60, 90-97.	6.1	117
27	Expectations, gains, and losses in the anterior cingulate cortex. Cognitive, Affective and Behavioral Neuroscience, 2007, 7, 327-336.	2.0	111
28	The structural and functional brain networks that support human social networks. Behavioural Brain Research, 2018, 355, 12-23.	2.2	92
29	Accelerating the Evolution of Nonhuman Primate Neuroimaging. Neuron, 2020, 105, 600-603.	8.1	92
30	The extreme capsule fiber complex in humans and macaque monkeys: a comparative diffusion MRI tractography study. Brain Structure and Function, 2016, 221, 4059-4071.	2.3	91
31	What is special about the human arcuate fasciculus? Lateralization, projections, and expansion. Cortex, 2019, 118, 107-115.	2.4	88
32	Non-invasive transcranial ultrasound stimulation for neuromodulation. Clinical Neurophysiology, 2022, 135, 51-73.	1.5	87
33	Sulcal organization in the medial frontal cortex provides insights into primate brain evolution. Nature Communications, 2019, 10, 3437.	12.8	77
34	Primate homologs of mouse cortico-striatal circuits. ELife, 2020, 9, .	6.0	73
35	The Human Ventromedial Prefrontal Cortex: Sulcal Morphology and Its Influence on Functional Organization. Journal of Neuroscience, 2019, 39, 3627-3639.	3.6	70
36	A Basal Forebrain-Cingulate Circuit in Macaques Decides It Is Time to Act. Neuron, 2020, 105, 370-384.e8.	8.1	69

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37	Modulation of feedback related activity in the rostral anterior cingulate cortex during trial and error exploration. NeuroImage, 2012, 63, 1078-1090.	4.2	68
38	Dichotomous organization of amygdala/temporal-prefrontal bundles in both humans and monkeys. ELife, 2019, 8, .	6.0	66
39	Coordination of High Gamma Activity in Anterior Cingulate and Lateral Prefrontal Cortical Areas during Adaptation. Journal of Neuroscience, 2011, 31, 11110-11117.	3.6	64
40	Activation and disruption of a neural mechanism for novel choice in monkeys. Nature, 2021, 591, 270-274.	27.8	52
41	Combining brain perturbation and neuroimaging in non-human primates. NeuroImage, 2021, 235, 118017.	4.2	50
42	Primate comparative neuroscience using magnetic resonance imaging: promises and challenges. Frontiers in Neuroscience, 2014, 8, 298.	2.8	49
43	Longitudinal connections and the organization of the temporal cortex in macaques, great apes, and humans. PLoS Biology, 2020, 18, e3000810.	5.6	49
44	Inverted activity patterns in ventromedial prefrontal cortex during value-guided decision-making in a less-is-more task. Nature Communications, 2017, 8, 1886.	12.8	44
45	A triple-network organization for the mouse brain. Molecular Psychiatry, 2022, 27, 865-872.	7.9	44
46	Imaging evolution of the primate brain: the next frontier?. NeuroImage, 2021, 228, 117685.	4.2	43
47	A Putative Multiple-Demand System in the Macaque Brain. Journal of Neuroscience, 2016, 36, 8574-8585.	3.6	41
48	Does the medial orbitofrontal cortex have a role in social valuation?. European Journal of Neuroscience, 2010, 31, 2341-2351.	2.6	38
49	Dual contributions of noradrenaline to behavioural flexibility and motivation. Psychopharmacology, 2018, 235, 2687-2702.	3.1	37
50	Individual Differences in the Alignment of Structural and Functional Markers of the V5/MT Complex in Primates. Cerebral Cortex, 2016, 26, 3928-3944.	2.9	35
51	Social Learning in the Medial Prefrontal Cortex. Trends in Cognitive Sciences, 2017, 21, 151-152.	7.8	35
52	Differential functional connectivity underlying asymmetric reward-related activity in human and nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28452-28462.	7.1	28
53	Ultrasound modulation of macaque prefrontal cortex selectively alters credit assignmentâ€"related activity and behavior. Science Advances, 2021, 7, eabg7700.	10.3	27
54	Chimpanzee histology and functional brain imaging show that the paracingulate sulcus is not human-specific. Communications Biology, 2021, 4, 54.	4.4	26

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55	Behavioral flexibility is associated with changes in structure and function distributed across a frontal cortical network in macaques. PLoS Biology, 2020, 18, e3000605.	5.6	24
56	Comparative connectomics of the primate social brain. NeuroImage, 2021, 245, 118693.	4.2	23
57	Variability in Brain Structure and Function Reflects Lack of Peer Support. Cerebral Cortex, 2021, 31, 4612-4627.	2.9	22
58	Toward next-generation primate neuroscience: A collaboration-based strategic plan for integrative neuroimaging. Neuron, 2022, 110, 16-20.	8.1	22
59	The Digital Brain Bank, an open access platform for post-mortem imaging datasets. ELife, 2022, 11, .	6.0	22
60	Social connections predict brain structure in a multidimensional free-ranging primate society. Science Advances, 2022, 8, eabl5794.	10.3	20
61	Modulation of feedback-related negativity during trial-and-error exploration and encoding of behavioral shifts. Frontiers in Neuroscience, 2013, 7, 209.	2.8	19
62	Preserved extrastriate visual network in a monkey with substantial, naturally occurring damage to primary visual cortex. ELife, 2019, 8, .	6.0	19
63	Evolutionary Specializations of Human Association Cortex. , 2017, , 185-205.		16
64	Mapping multiple principles of parietal–frontal cortical organization using functional connectivity. Brain Structure and Function, 2019, 224, 681-697.	2.3	16
65	Social prediction modulates activity of macaque superior temporal cortex. Science Advances, 2021, 7, eabh2392.	10.3	15
66	Mean-Variance or Prospect Theory? The Nature of Value Representations in the Human Brain. Journal of Neuroscience, 2009, 29, 7945-7947.	3.6	14
67	Viewing Ambiguous Social Interactions Increases Functional Connectivity between Frontal and Temporal Nodes of the Social Brain. Journal of Neuroscience, 2021, 41, 6070-6086.	3.6	14
68	Multiple systems in macaques for tracking prediction errors and other types of surprise. PLoS Biology, 2020, 18, e3000899.	5.6	13
69	Noradrenergic But Not Dopaminergic Neurons Signal Task State Changes and Predict Reengagement After a Failure. Cerebral Cortex, 2020, 30, 4979-4994.	2.9	12
70	Diffusion MRI data, sulcal anatomy, and tractography for eight species from the Primate Brain Bank. Brain Structure and Function, 2021, 226, 2497-2509.	2.3	12
71	Cortical Morphology and White Matter Tractography of Three Phylogenetically Distant Primates: Evidence for a Simian Elaboration. Cerebral Cortex, 2022, 32, 1608-1624.	2.9	11
72	Frontal cortical functional connectivity is impacted by anaesthesia in macaques. Cerebral Cortex, 2022, 32, 4050-4067.	2.9	11

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73	Organization of the Social Brain in MacaquesÂand Humans. , 2017, , 189-198.		7
74	Should I stay or should I go: genetic bases for uncertainty-driven exploration. Nature Neuroscience, 2009, 12, 963-965.	14.8	6
75	Neuroscience: A More Dynamic View of the Social Brain. Current Biology, 2012, 22, R994-R995.	3.9	3
76	White matter tract transcranial ultrasound stimulation, a computational study. Computers in Biology and Medicine, 2022, 140, 105094.	7.0	3
77	Impact of internal and external factors on prosocial choices in rhesus macaques. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20190678.	4.0	2
78	Comparing Connections in the Brains ofÂHumans and Other Primates Using Diffusion-Weighted Imaging. , 2014, , 569-584.		1
79	Intra-Areal Visual Topography in Primate Brains Mapped with Probabilistic Tractography of Diffusion-Weighted Imaging. Cerebral Cortex, 2022, 32, 2555-2574.	2.9	1
80	On the evolutionary roots of human social cognition. Neuroscience and Biobehavioral Reviews, 2022, 137, 104632.	6.1	1
81	Computational Model of the User's Learning Process When Cued by a Social Versus Non-Social Agent. , 2018, , .		0
82	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
83	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
84	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
85	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
86	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0
87	Multiple systems in macaques for tracking prediction errors and other types of surprise. , 2020, 18, e3000899.		0