

Leon French

List of Publications by Year in descending order

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41
papers

1,836
citations

394421

19
h-index

302126

39
g-index

53
all docs

53
docs citations

53
times ranked

4544
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of deep convolutional neural networks for in situ hybridization gene expression image representation. PLoS ONE, 2022, 17, e0262717.	2.5	1
2	Providing Care Beyond Therapy Sessions With a Natural Language Processingâ€‘Based Recommender System That Identifies Cancer Patients Who Experience Psychosocial Challenges and Provides Self-care Support: Pilot Study. JMIR Cancer, 2022, 8, e35893.	2.4	4
3	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. JAMA Psychiatry, 2021, 78, 47.	11.0	136
4	Gene Expression is Associated With Cortical Functional Connectivity. Biological Psychiatry, 2021, 89, S224-S225.	1.3	0
5	Characterization of Human Genes Modulated by Porphyromonas gingivalis Highlights the Ribosome, Hypothalamus, and Cholinergic Neurons. Frontiers in Immunology, 2021, 12, 646259.	4.8	12
6	A pH-eQTL Interaction at the RIT2â€‘SYT4 Parkinsonâ€™s Disease Risk Locus in the Substantia Nigra. Frontiers in Aging Neuroscience, 2021, 13, 690632.	3.4	0
7	Differential and spatial expression meta-analysis of genes identified in genome-wide association studies of depression. Translational Psychiatry, 2021, 11, 8.	4.8	22
8	White matter microstructure in women with acute and remitted anorexia nervosa: an exploratory neuroimaging study. Brain Imaging and Behavior, 2020, 14, 2429-2437.	2.1	10
9	Molecular neuroanatomy of anorexia nervosa. Scientific Reports, 2020, 10, 11411.	3.3	13
10	Donor-Specific Transcriptomic Analysis of Alzheimer's Disease-Associated Hypometabolism Highlights a Unique Donor, Ribosomal Proteins and Microglia. ENeuro, 2020, 7, ENEURO.0255-20.2020.	1.9	5
11	Transfer Learning for Risk Classification of Social Media Posts: Model Evaluation Study. Journal of Medical Internet Research, 2020, 22, e15371.	4.3	25
12	Ptchd1 exon3 truncating mutations recapitulate more clinically relevant autistic-like traits in mice. IBRO Reports, 2019, 6, S507.	0.3	1
13	Transcriptomic Characterization of the Human Insular Cortex and Claustrum. Frontiers in Neuroanatomy, 2019, 13, 94.	1.7	12
14	The Relative Contributions of Cell-Dependent Cortical Microcircuit Aging to Cognition and Anxiety. Biological Psychiatry, 2019, 85, 257-267.	1.3	28
15	Sequence similarity searches for morphine biosynthesis enzymes in bacteria yield putative targets for understanding associations between infection and opiate administration. Journal of Medical Microbiology, 2019, 68, 952-956.	1.8	3
16	Opposite Molecular Signatures of Depression in Men and Women. Biological Psychiatry, 2018, 84, 18-27.	1.3	205
17	Subcortical volume and cortical surface architecture in women with acute and remitted anorexia nervosa: An exploratory neuroimaging study. Journal of Psychiatric Research, 2018, 102, 179-185.	3.1	32
18	Transcriptomic characterization of MRI contrast with focus on the T1-w/T2-w ratio in the cerebral cortex. NeuroImage, 2018, 174, 504-517.	4.2	51

#	ARTICLE	IF	CITATIONS
19	Mapping autosomal recessive intellectual disability: combined microarray and exome sequencing identifies 26 novel candidate genes in 192 consanguineous families. <i>Molecular Psychiatry</i> , 2018, 23, 973-984.	7.9	147
20	Transcriptomic Characterization of the Human Habenula Highlights Drug Metabolism and the Neuroimmune System. <i>Frontiers in Neuroscience</i> , 2018, 12, 742.	2.8	23
21	Structural covariance of brain region volumes is associated with both structural connectivity and transcriptomic similarity. <i>NeuroImage</i> , 2018, 179, 357-372.	4.2	57
22	Age-Related Gene Expression in the Frontal Cortex Suggests Synaptic Function Changes in Specific Inhibitory Neuron Subtypes. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 162.	3.4	38
23	Transcriptomic-anatomic analysis of the mouse habenula uncovers a high molecular heterogeneity among neurons in the lateral complex, while gene expression in the medial complex largely obeys subnuclear boundaries. <i>Brain Structure and Function</i> , 2016, 221, 39-58.	2.3	56
24	Microarray analysis of transcripts with elevated expressions in the rat medial or lateral habenula suggest fast GABAergic excitation in the medial habenula and habenular involvement in the regulation of feeding and energy balance. <i>Brain Structure and Function</i> , 2016, 221, 4663-4689.	2.3	56
25	Text mining for neuroanatomy using WhiteText with an updated corpus and a new web application. <i>Frontiers in Neuroinformatics</i> , 2015, 9, 13.	2.5	17
26	A FreeSurfer view of the cortical transcriptome generated from the Allen Human Brain Atlas. <i>Frontiers in Neuroscience</i> , 2015, 9, 323.	2.8	93
27	Axon diameter and axonal transport: In vivo and in vitro effects of androgens. <i>NeuroImage</i> , 2015, 115, 191-201.	4.2	75
28	Prenatal Exposure to Maternal Cigarette Smoking and DNA Methylation: Epigenome-Wide Association in a Discovery Sample of Adolescents and Replication in an Independent Cohort at Birth through 17 Years of Age. <i>Environmental Health Perspectives</i> , 2015, 123, 193-199.	6.0	178
29	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , 2015, 72, 1002.	11.0	156
30	Differential Co-Expression between α -Synuclein and IFN- β Signaling Genes across Development and in Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e115029.	2.5	35
31	Global Genetic Variations Predict Brain Response to Faces. <i>PLoS Genetics</i> , 2014, 10, e1004523.	3.5	18
32	White matter as a transport system. <i>Neuroscience</i> , 2014, 276, 117-125.	2.3	55
33	Neuron-Enriched Gene Expression Patterns are Regionally Anti-Correlated with Oligodendrocyte-Enriched Patterns in the Adult Mouse and Human Brain. <i>Frontiers in Neuroscience</i> , 2013, 7, 5.	2.8	23
34	Application and evaluation of automated methods to extract neuroanatomical connectivity statements from free text. <i>Bioinformatics</i> , 2012, 28, 2963-2970.	4.1	19
35	Using text mining to link journal articles to neuroanatomical databases. <i>Journal of Comparative Neurology</i> , 2012, 520, 1772-1783.	1.6	12
36	Large-Scale Analysis of Gene Expression and Connectivity in the Rodent Brain: Insights through Data Integration. <i>Frontiers in Neuroinformatics</i> , 2011, 5, 12.	2.5	36

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37	Relationships between Gene Expression and Brain Wiring in the Adult Rodent Brain. PLoS Computational Biology, 2011, 7, e1001049.	3.2	127
38	Automated recognition of brain region mentions in neuroscience literature. Frontiers in Neuroinformatics, 2009, 3, 29.	2.5	21
39	Application and evaluation of automated semantic annotation of gene expression experiments. Bioinformatics, 2009, 25, 1543-1549.	4.1	9
40	Thalamic Shape: A Possible Endophenotype. Journal of Neuroscience, 2008, 28, 3533-3534.	3.6	2
41	Informatics in neuroscience. Briefings in Bioinformatics, 2007, 8, 446-456.	6.5	13