

# Leon French

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6897650/publications.pdf>

Version: 2024-02-01

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	Opposite Molecular Signatures of Depression in Men and Women. <i>Biological Psychiatry</i> , 2018, 84, 18-27.	1.3	205
2	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
3	Early Cannabis Use, Polygenic Risk Score for Schizophrenia and Brain Maturation in Adolescence. <i>JAMA Psychiatry</i> , 2015, 72, 1002.	11.0	156
4	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
5	Virtual Histology of Cortical Thickness and Shared Neurobiology in 6 Psychiatric Disorders. <i>JAMA Psychiatry</i> , 2021, 78, 47.	11.0	136
6	Relationships between Gene Expression and Brain Wiring in the Adult Rodent Brain. <i>PLoS Computational Biology</i> , 2011, 7, e1001049.	3.2	127
7	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
8	Axon diameter and axonal transport: In vivo and in vitro effects of androgens. <i>NeuroImage</i> , 2015, 115, 191-201.	4.2	75
9	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
10	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
11	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
12	White matter as a transport system. <i>Neuroscience</i> , 2014, 276, 117-125.	2.3	55
13	Transcriptomic characterization of MRI contrast with focus on the T1-w/T2-w ratio in the cerebral cortex. <i>NeuroImage</i> , 2018, 174, 504-517.	4.2	51
14	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
15	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
16	Differential Co-Expression between $\hat{\alpha}$ -Synuclein and IFN- $\hat{\beta}$ Signaling Genes across Development and in Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e115029.	2.5	35
17	Subcortical volume and cortical surface architecture in women with acute and remitted anorexia nervosa: An exploratory neuroimaging study. <i>Journal of Psychiatric Research</i> , 2018, 102, 179-185.	3.1	32
18	The Relative Contributions of Cell-Dependent Cortical Microcircuit Aging to Cognition and Anxiety. <i>Biological Psychiatry</i> , 2019, 85, 257-267.	1.3	28

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19	Transfer Learning for Risk Classification of Social Media Posts: Model Evaluation Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e15371.	4.3	25
20	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
21	Transcriptomic Characterization of the Human Habenula Highlights Drug Metabolism and the Neuroimmune System. <i>Frontiers in Neuroscience</i> , 2018, 12, 742.	2.8	23
22	Differential and spatial expression meta-analysis of genes identified in genome-wide association studies of depression. <i>Translational Psychiatry</i> , 2021, 11, 8.	4.8	22
23	Automated recognition of brain region mentions in neuroscience literature. <i>Frontiers in Neuroinformatics</i> , 2009, 3, 29.	2.5	21
24	Application and evaluation of automated methods to extract neuroanatomical connectivity statements from free text. <i>Bioinformatics</i> , 2012, 28, 2963-2970.	4.1	19
25	Global Genetic Variations Predict Brain Response to Faces. <i>PLoS Genetics</i> , 2014, 10, e1004523.	3.5	18
26	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
27	Informatics in neuroscience. <i>Briefings in Bioinformatics</i> , 2007, 8, 446-456.	6.5	13
28	Molecular neuroanatomy of anorexia nervosa. <i>Scientific Reports</i> , 2020, 10, 11411.	3.3	13
29	Using text mining to link journal articles to neuroanatomical databases. <i>Journal of Comparative Neurology</i> , 2012, 520, 1772-1783.	1.6	12
30	Transcriptomic Characterization of the Human Insular Cortex and Claustrum. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 94.	1.7	12
31	Characterization of Human Genes Modulated by <i>Porphyromonas gingivalis</i> Highlights the Ribosome, Hypothalamus, and Cholinergic Neurons. <i>Frontiers in Immunology</i> , 2021, 12, 646259.	4.8	12
32	White matter microstructure in women with acute and remitted anorexia nervosa: an exploratory neuroimaging study. <i>Brain Imaging and Behavior</i> , 2020, 14, 2429-2437.	2.1	10
33	Application and evaluation of automated semantic annotation of gene expression experiments. <i>Bioinformatics</i> , 2009, 25, 1543-1549.	4.1	9
34	Donor-Specific Transcriptomic Analysis of Alzheimer's Disease-Associated Hypometabolism Highlights a Unique Donor, Ribosomal Proteins and Microglia. <i>ENeuro</i> , 2020, 7, ENEURO.0255-20.2020.	1.9	5
35	Providing Care Beyond Therapy Sessions With a Natural Language Processing-Based Recommender System That Identifies Cancer Patients Who Experience Psychosocial Challenges and Provides Self-care Support: Pilot Study. <i>JMIR Cancer</i> , 2022, 8, e35893.	2.4	4
36	Sequence similarity searches for morphine biosynthesis enzymes in bacteria yield putative targets for understanding associations between infection and opiate administration. <i>Journal of Medical Microbiology</i> , 2019, 68, 952-956.	1.8	3

#	ARTICLE	IF	CITATIONS
37	Thalamic Shape: A Possible Endophenotype. <i>Journal of Neuroscience</i> , 2008, 28, 3533-3534.	3.6	2
38	Ptchd1 exon3 truncating mutations recapitulate more clinically relevant autistic-like traits in mice. <i>IBRO Reports</i> , 2019, 6, S507.	0.3	1
39	Evaluation of deep convolutional neural networks for in situ hybridization gene expression image representation. <i>PLoS ONE</i> , 2022, 17, e0262717.	2.5	1
40	Gene Expression is Associated With Cortical Functional Connectivity. <i>Biological Psychiatry</i> , 2021, 89, S224-S225.	1.3	0
41	A pH-eQTL Interaction at the RIT2/SYT4 Parkinson's Disease Risk Locus in the Substantia Nigra. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 690632.	3.4	0