

# Sulie Lin Chang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9031728/publications.pdf>

Version: 2024-02-01

81  
papers

1,771  
citations

304602

22  
h-index

315616

38  
g-index

82  
all docs

82  
docs citations

82  
times ranked

1465  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modulation of OPRM1 Alternative Splicing by Morphine and HIV-1 Nef. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 277-288.	2.1	2
2	Meta-Analysis on Nicotine's Modulation of HIV-Associated Dementia. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 487-502.	2.1	1
3	The Impact of Alcohol-Induced Dysbiosis on Diseases and Disorders of the Central Nervous System. <i>Journal of Neuroimmune Pharmacology</i> , 2022, 17, 131-151.	2.1	9
4	Meta-Analysis of APP Expression Modulated by SARS-CoV-2 Infection via the ACE2 Receptor. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1182.	1.8	9
5	The 26 <sup>th</sup> Scientific Conference of the Society on Neuroimmune Pharmacology: College of Pharmacy, University of Tennessee Health Science Center, Memphis, TN, June 1-3, 2022. , 2022, .		0
6	Intraneuronal $\beta$ -Amyloid Accumulation: Aging HIV-1 Human and HIV-1 Transgenic Rat Brain. <i>Viruses</i> , 2022, 14, 1268.	1.5	2
7	Roflumilast, a Phosphodiesterase-4 Inhibitor, Ameliorates Sleep Deprivation-Induced Cognitive Dysfunction in C57BL/6J Mice. <i>ACS Chemical Neuroscience</i> , 2022, 13, 1938-1947.	1.7	4
8	Genetic variants as biomarkers for progression and resistance in multiple myeloma. <i>Cancer Genetics</i> , 2021, 252-253, 1-5.	0.2	5
9	Acetylsalicylic acid improves cognitive performance in sleep deprived adult Zebrafish ( <i>Danio rerio</i> ) model. <i>Frontiers in Bioscience - Landmark</i> , 2021, 26, 114.	3.0	4
10	Network Meta-Analysis on the Mechanisms Underlying Alcohol Augmentation of COVID-19 Pathologies. <i>Alcoholism: Clinical and Experimental Research</i> , 2021, 45, 675-688.	1.4	31
11	Meta-Analysis of Methamphetamine Modulation on Amyloid Precursor Protein through HMGB1 in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4781.	1.8	13
12	Network Meta-analysis on the Changes of Amyloid Precursor Protein Expression Following SARS-CoV-2 Infection. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 756-769.	2.1	8
13	The COVID-19 Pandemic: Reflections of Science, Person, and Challenge in Academic Research Settings. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 706-717.	2.1	1
14	The Neuroimmune Pharmacology of SARS-CoV-2. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 699-705.	2.1	1
15	A meta-analysis of the effect of binge drinking on the oral microbiome and its relation to Alzheimer's disease. <i>Scientific Reports</i> , 2020, 10, 19872.	1.6	19
16	Sleep Deprivation and Neurological Disorders. <i>BioMed Research International</i> , 2020, 2020, 1-19.	0.9	88
17	A Review of Bioinformatics Tools to Understand Acetaminophen-Alcohol Interaction. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 79.	0.7	4
18	Versatile cell ablation tools and their applications to study loss of cell functions. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 4725-4743.	2.4	16

#	ARTICLE	IF	CITATIONS
19	Meta-analysis of alcohol induced gut dysbiosis and the resulting behavioral impact. Behavioural Brain Research, 2019, 376, 112196.	1.2	57
20	Involvement of Interferon Regulatory Factor 7 in Nicotine's Suppression of Antiviral Immune Responses. Journal of NeuroImmune Pharmacology, 2019, 14, 551-564.	2.1	14
21	Alcohol exposure alters pre-mRNA splicing of antiapoptotic Mcl-1L isoform and induces apoptosis in neural progenitors and immature neurons. Cell Death and Disease, 2019, 10, 447.	2.7	16
22	Binge alcohol and HIV: leaky gut and neurodegeneration through the gut-brain axis. International Journal of Nutrition, Pharmacology, Neurological Diseases, 2019, 9, 1-3.	0.6	3
23	Effects of docosahexaenoic acid on locomotor activity in ethanol-treated HIV-1 transgenic rats. Journal of NeuroVirology, 2018, 24, 88-97.	1.0	7
24	Modulatory Effects of Nicotine on neuroHIV/neuroAIDS. Journal of NeuroImmune Pharmacology, 2018, 13, 467-478.	2.1	7
25	Ethanol's Effects on Transient Receptor Potential Channel Expression in Brain Microvascular Endothelial Cells. Journal of NeuroImmune Pharmacology, 2018, 13, 498-508.	2.1	11
26	Binge-Like Exposure to Ethanol Enhances Morphine's Anti-nociception in B6 Mice. Frontiers in Psychiatry, 2018, 9, 756.	1.3	11
27	HIV-1 Proteins Influence Novelty-Seeking Behavior and Alter Region-Specific Transcriptional Responses to Chronic Nicotine Treatment in HIV-1Tg Rats. Nicotine and Tobacco Research, 2017, 19, 1024-1032.	1.4	8
28	Alcohol-Mediated Missplicing of Mcl-1 Pre-mRNA is Involved in Neurotoxicity. Alcoholism: Clinical and Experimental Research, 2017, 41, 1715-1724.	1.4	12
29	NLRP12 Inflammasome Expression in the Rat Brain in Response to LPS during Morphine Tolerance. Brain Sciences, 2017, 7, 14.	1.1	9
30	Involvement of the Hippocampus in Binge Ethanol-Induced Spleen Atrophy in Adolescent Rats. Alcoholism: Clinical and Experimental Research, 2016, 40, 1489-1500.	1.4	12
31	Expression profile of nicotinic acetylcholine receptor subunits in the brain of HIV-1 transgenic rats given chronic nicotine treatment. Journal of NeuroVirology, 2016, 22, 626-633.	1.0	6
32	Modulation Effect of HIV-1 Viral Proteins and Nicotine on Expression of the Immune-Related Genes in Brain of the HIV-1 Transgenic Rats. Journal of NeuroImmune Pharmacology, 2016, 11, 562-571.	2.1	17
33	Interactive Effects of Ethanol and HIV-1 Proteins on Novelty-Seeking Behaviors and Addiction-Related Gene Expression. Alcoholism: Clinical and Experimental Research, 2016, 40, 2102-2113.	1.4	9
34	Nicotine mediates expression of genes related to antioxidant capacity and oxidative stress response in HIV-1 transgenic rat brain. Journal of NeuroVirology, 2016, 22, 114-124.	1.0	12
35	Nicotine attenuates the effect of HIV-1 proteins on the neural circuits of working and contextual memories. Molecular Brain, 2015, 8, 43.	1.3	21
36	The HIV-1 transgenic rat model of neuroHIV. Brain, Behavior, and Immunity, 2015, 48, 336-349.	2.0	79

#	ARTICLE	IF	CITATIONS
37	Alcohol and inflammatory responses: Summary of the 2013 Alcohol and Immunology Research Interest Group (AIRIG) meeting. <i>Alcohol</i> , 2015, 49, 1-6.	0.8	19
38	HIV-1 Transgenic Rats Display Alterations in Immunophenotype and Cellular Responses Associated with Aging. <i>PLoS ONE</i> , 2014, 9, e105256.	1.1	26
39	Street smarts of science for students. <i>Nature Immunology</i> , 2014, 15, 997-999.	7.0	0
40	NeuroHIV and Use of Addictive Substances. <i>International Review of Neurobiology</i> , 2014, 118, 403-440.	0.9	38
41	Acquisition and long-term retention of spatial learning in the human immunodeficiency virus-1 transgenic rat: effects of repeated nicotine treatment. <i>Journal of NeuroVirology</i> , 2013, 19, 157-165.	1.0	18
42	Potential therapeutic strategy to treat substance abuse related disorders. <i>Journal of Food and Drug Analysis</i> , 2013, 21, S25-S26.	0.9	2
43	Effects of Morphine and Alcohol on the Hypothalamicâ€Pituitaryâ€Adrenal Axis, Immunity, and Cognitive Behavior. , 2013, , 477-508.		2
44	Involvement of the NLRP3 inflammasome in the modulation of an LPS-induced inflammatory response during morphine tolerance. <i>Drug and Alcohol Dependence</i> , 2013, 132, 38-46.	1.6	10
45	Age- and Ethanol Concentration-Dependent Effects of Acute Binge Drinking in the HIV-1 Transgenic Rat. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, E70-E78.	1.4	18
46	Regional Variations of Antioxidant Capacity and Oxidative Stress Responses in HIV-1 Transgenic Rats With and Without Methamphetamine Administration. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 691-704.	2.1	21
47	Identification and Characterization of Poly(I:C)-induced Molecular Responses Attenuated by Nicotine in Mouse Macrophages. <i>Molecular Pharmacology</i> , 2013, 83, 61-72.	1.0	39
48	Ethanol Concentrationâ€Dependent Alterations in Gene Expression During Acute Binge Drinking in the HIV-1 Transgenic Rat. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 1082-1090.	1.4	20
49	RNA Deep Sequencing Analysis Reveals That Nicotine Restores Impaired Gene Expression by Viral Proteins in the Brains of HIV-1 Transgenic Rats. <i>PLoS ONE</i> , 2013, 8, e68517.	1.1	16
50	Transcriptome Sequencing of Gene Expression in the Brain of the HIV-1 Transgenic Rat. <i>PLoS ONE</i> , 2013, 8, e59582.	1.1	35
51	Modulation of innate immune-related pathways in nicotine-treated SH-SY5Y cells. <i>Amino Acids</i> , 2012, 43, 1157-1169.	1.2	22
52	Behavioral and Molecular Evidence for a Feedback Interaction Between Morphine and HIV-1 Viral Proteins. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 332-340.	2.1	20
53	The 18th Annual Scientific Conference of the Society on NeuroImmune Pharmacology. <i>Journal of NeuroImmune Pharmacology</i> , 2012, 7, 1-4.	2.1	0
54	Endotoxin-induced cytokine and chemokine expression in the HIV-1 transgenic rat. <i>Journal of Neuroinflammation</i> , 2012, 9, 3.	3.1	22

#	ARTICLE	IF	CITATIONS
55	Morphine-induced conditioned place preference and associated behavioural plasticity in HIV-1 transgenic rats. <i>International Journal of Clinical and Experimental Medicine</i> , 2012, 5, 105-23.	1.3	14
56	Neuroimmune Pharmacology: An Elective Course for Molecular and Cellular Bioscience Graduate Programs. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 71-75.	2.1	2
57	Education Mission for Neuroimmune Pharmacology. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 1-3.	2.1	0
58	17th Annual Scientific Conference of the Society on NeuroImmune Pharmacology. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 1-3.	2.1	0
59	Methamphetamine-mediated modulation of MOR expression in the SH-SY5Y neuroblastoma cell line. <i>Synapse</i> , 2011, 65, 858-865.	0.6	13
60	Altered gene expression in the spleen of adolescent rats following high ethanol concentration binge drinking. <i>International Journal of Clinical and Experimental Medicine</i> , 2011, 4, 252-7.	1.3	10
61	Education Mission for Neuroimmune Pharmacology. <i>Journal of NeuroImmune Pharmacology</i> , 2011, 6, 1-3.	2.1	1
62	Methamphetamine-Induced Behavioral and Physiological Effects in Adolescent and Adult HIV-1 Transgenic Rats. <i>Journal of NeuroImmune Pharmacology</i> , 2010, 5, 566-573.	2.1	25
63	The HIV-1 transgenic rat as a model for HIV-1 infected individuals on HAART. <i>Journal of Neuroimmunology</i> , 2010, 218, 94-101.	1.1	112
64	Methamphetamine-Induced Behavioral Sensitization Is Enhanced in the HIV-1 Transgenic Rat. <i>Journal of NeuroImmune Pharmacology</i> , 2009, 4, 309-316.	2.1	41
65	Further characterization of the spatial learning deficit in the human immunodeficiency virus-1 transgenic rat. <i>Journal of NeuroVirology</i> , 2009, 15, 14-24.	1.0	61
66	Lipopolysaccharide-induced Pro-inflammatory Cytokines in the Brain of Rats in the Morphine-tolerant State. <i>Journal of NeuroImmune Pharmacology</i> , 2008, 3, 236-240.	2.1	10
67	Expression of the Mu Opioid Receptor in the Human Immunodeficiency Virus Type 1 Transgenic Rat Model. <i>Journal of Virology</i> , 2007, 81, 8406-8411.	1.5	29
68	Spatial Learning and Memory in HIV-1 Transgenic Rats. <i>Journal of NeuroImmune Pharmacology</i> , 2007, 2, 319-328.	2.1	86
69	Immunodeficient Parameters in the HIV-1 Transgenic Rat Model. <i>American Journal of Infectious Diseases</i> , 2007, 3, 202-207.	0.1	7
70	HIV-1 gp120 up-regulation of the mu opioid receptor in TPA-differentiated HL-60 cells. <i>International Immunopharmacology</i> , 2006, 6, 1459-1467.	1.7	24
71	Role of HIV-1 Infection in Addictive Behavior: A Study of a HIV-1 Transgenic Rat Model. <i>American Journal of Infectious Diseases</i> , 2006, 2, 98-106.	0.1	15
72	Differential expression of cytokines in the brain and serum during endotoxin tolerance. <i>Journal of Neuroimmunology</i> , 2005, 163, 53-72.	1.1	53

#	ARTICLE	IF	CITATIONS
73	Chronic morphine accelerates the progression of lipopolysaccharide-induced sepsis to septic shock. <i>Journal of Neuroimmunology</i> , 2004, 149, 90-100.	1.1	78
74	Interleukin-1 induces the expression of $\mu$ opioid receptors in endothelial cells. <i>Immunopharmacology</i> , 1998, 38, 261-266.	2.0	58
75	The Effects of Interaction Between Morphine and Interleukin-1 on the Immune Response. <i>Advances in Experimental Medicine and Biology</i> , 1998, 437, 67-72.	0.8	20
76	Chronic exposure to morphine, but not ethanol, attenuates the expression of interleukin-1 $\beta$ converting enzyme in rat spleen. <i>Immunology Letters</i> , 1997, 58, 153-157.	1.1	7
77	Chronic exposure to morphine attenuates expression of interleukin-1 $\beta$ in the rat hippocampus. <i>Brain Research</i> , 1996, 712, 340-344.	1.1	20
78	FOS expression induced by interleukin-1 or acute morphine treatment in the rat hypothalamus is attenuated by chronic exposure to morphine. <i>Brain Research</i> , 1996, 736, 227-236.	1.1	26
79	Morphine Affects the Brain-Immune Axis by Modulating an Interleukin-1 Beta Dependent Pathway. <i>Advances in Experimental Medicine and Biology</i> , 1996, 402, 35-42.	0.8	16
80	Activation and desensitization of Fos immunoreactivity in the rat brain following ethanol administration. <i>Brain Research</i> , 1995, 679, 89-98.	1.1	159
81	Opiate Receptor Changes after Chronic Exposure to Agonists and Antagonists. <i>Annals of the New York Academy of Sciences</i> , 1995, 757, 353-361.	1.8	26