

# Silvia Mandillo

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,246  
citations

331538

21  
h-index

330025

37  
g-index

40  
all docs

40  
docs citations

40  
times ranked

4111  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identifying genetic determinants of inflammatory pain in mice using a large-scale gene-targeted screen. <i>Pain</i> , 2022, 163, 1139-1157.	2.0	4
2	Time-controlled and muscle-specific CRISPR/Cas9-mediated deletion of CTG-repeat expansion in the DMPK gene. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 27, 184-199.	2.3	4
3	Circulating myomiRs in Muscle Denervation: From Surgical to ALS Pathological Condition. <i>Cells</i> , 2021, 10, 2043.	1.8	6
4	Differences in visual information processing style between Idiopathic Generalized Epilepsy with and without photosensitivity. <i>Epilepsy and Behavior</i> , 2021, 122, 108183.	0.9	1
5	CXCR2 increases in ALS cortical neurons and its inhibition prevents motor neuron degeneration in vitro and improves neuromuscular function in SOD1G93A mice. <i>Neurobiology of Disease</i> , 2021, 160, 105538.	2.1	9
6	A Non-invasive Digital Biomarker for the Detection of Rest Disturbances in the SOD1G93A Mouse Model of ALS. <i>Frontiers in Neuroscience</i> , 2020, 14, 896.	1.4	20
7	MicroRNA degradation by a conserved target RNA regulates animal behavior. <i>Nature Structural and Molecular Biology</i> , 2018, 25, 244-251.	3.6	149
8	Identification of genetic elements in metabolism by high-throughput mouse phenotyping. <i>Nature Communications</i> , 2018, 9, 288.	5.8	59
9	Prolonged Voluntary Running Negatively Affects Survival and Disease Prognosis of Male SOD1G93A Low-Copy Transgenic Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2018, 12, 275.	1.0	7
10	Identification of genes required for eye development by high-throughput screening of mouse knockouts. <i>Communications Biology</i> , 2018, 1, 236.	2.0	37
11	A large scale hearing loss screen reveals an extensive unexplored genetic landscape for auditory dysfunction. <i>Nature Communications</i> , 2017, 8, 886.	5.8	116
12	Analytic information processing style in epilepsy patients. <i>Epilepsy and Behavior</i> , 2017, 73, 18-22.	0.9	2
13	Disease model discovery from 3,328 gene knockouts by The International Mouse Phenotyping Consortium. <i>Nature Genetics</i> , 2017, 49, 1231-1238.	9.4	216
14	Response, use and habituation to a mouse house in C57BL/6J and BALB/c mice. <i>Experimental Animals</i> , 2015, 64, 281-293.	0.7	11
15	Early motor deficits in mouse disease models are reliably uncovered using an automated home cage wheel-running system: a cross-laboratory validation. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 397-407.	1.2	33
16	A Cross-Laboratory Investigation of Timing Endophenotypes in Mouse Behavior. <i>Timing and Time Perception</i> , 2014, 2, 35-50.	0.4	22
17	Analytic information processing style in migraineurs. <i>Neurological Sciences</i> , 2013, 34, 1145-1150.	0.9	7
18	A comparative phenotypic and genomic analysis of C57BL/6J and C57BL/6N mouse strains. <i>Genome Biology</i> , 2013, 14, R82.	13.9	403

#	ARTICLE	IF	CITATIONS
19	Precocious cerebellum development and improved motor functions in mice lacking the astrocyte cilium-, patched 1-associated Gpr37l1 receptor. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16486-16491.	3.3	59
20	Mice lacking the Parkinson's related GPR37/PAEL receptor show non-motor behavioral phenotypes: age and gender effect. Genes, Brain and Behavior, 2013, 12, 465-477.	1.1	34
21	Absence of the GPR37/PAEL receptor impairs striatal Akt and ERK2 phosphorylation, FosB expression, and conditioned place preference to amphetamine and cocaine. FASEB Journal, 2011, 25, 2071-2081.	0.2	40
22	EuroPhenome: a repository for high-throughput mouse phenotyping data. Nucleic Acids Research, 2010, 38, D577-D585.	6.5	75
23	Induction of macroautophagy by overexpression of the Parkinson's disease-associated GPR37 receptor. FASEB Journal, 2009, 23, 1978-1987.	0.2	49
24	Macroautophagy of the GPR37 orphan receptor and Parkinson disease-associated neurodegeneration. Autophagy, 2009, 5, 741-742.	4.3	13
25	Reliability, robustness, and reproducibility in mouse behavioral phenotyping: a cross-laboratory study. Physiological Genomics, 2008, 34, 243-255.	1.0	229
26	GPR37 associates with the dopamine transporter to modulate dopamine uptake and behavioral responses to dopaminergic drugs. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 9846-9851.	3.3	99
27	D1 and D2 Receptor Antagonist Injections in the Prefrontal Cortex Selectively Impair Spatial Learning in Mice. Neuropsychopharmacology, 2007, 32, 309-319.	2.8	58
28	EMPRESS: standardized phenotype screens for functional annotation of the mouse genome. Nature Genetics, 2005, 37, 1155-1155.	9.4	146
29	Altered dopamine signaling and MPTP resistance in mice lacking the Parkinson's disease-associated GPR37/parkin-associated endothelin-like receptor. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10189-10194.	3.3	86
30	Hippocampal gene expression is modulated by hypergravity. European Journal of Neuroscience, 2004, 19, 667-677.	1.2	33
31	Nucleus accumbens dopamine receptors in the consolidation of spatial memory. Behavioural Pharmacology, 2004, 15, 423-431.	0.8	51
32	Effects of acute and repeated daily exposure to hypergravity on spatial learning in mice. Neuroscience Letters, 2003, 336, 147-150.	1.0	18
33	Repeated administration of phencyclidine, amphetamine and MK-801 selectively impairs spatial learning in mice: a possible model of psychotomimetic drug-induced cognitive deficits. Behavioural Pharmacology, 2003, 14, 533-544.	0.8	79
34	Chronic sucrose intake enhances nicotine-induced antinociception in female but not male Long-Evans rats. Pharmacology Biochemistry and Behavior, 2001, 68, 211-219.	1.3	9
35	Chronic sucrose intake augments antinociception induced by injections of mu but not kappa opioid receptor agonists into the periaqueductal gray matter in male and female rats. Brain Research, 2001, 920, 97-105.	1.1	33
36	Male olfactory cues affect mothers' behavior in mice: effects of benzodiazepines. Psychopharmacology, 1999, 146, 297-302.	1.5	7

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37	Ethanol drinking in socially housed squirrel monkeys. <i>Behavioural Pharmacology</i> , 1998, 9, 363-368.	0.8	5
38	Effect of strange male odour on parental care in lactating female mice. <i>Animal Behaviour</i> , 1997, 54, 901-910.	0.8	11