

Francesco Papaleo

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

3,280
citations

126907

33
h-index

161849

54
g-index

91
all docs

91
docs citations

91
times ranked

4936
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Dissection of the Role of Catechol-O-Methyltransferase in Cognition and Stress Reactivity in Mice. <i>Journal of Neuroscience</i> , 2008, 28, 8709-8723.	3.6	276
2	Chronic and Acute Intranasal Oxytocin Produce Divergent Social Effects in Mice. <i>Neuropsychopharmacology</i> , 2014, 39, 1102-1114.	5.4	176
3	Immunology of COVID-19: Mechanisms, clinical outcome, diagnostics, and perspectives—A report of the European Academy of Allergy and Clinical Immunology (EAACI). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 2445-2476.	5.7	132
4	Role of dysbindin in dopamine receptor trafficking and cortical GABA function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 19593-19598.	7.1	129
5	Dysbindin-1 modulates prefrontal cortical activity and schizophrenia-like behaviors via dopamine/D2 pathways. <i>Molecular Psychiatry</i> , 2012, 17, 85-98.	7.9	128
6	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110 β inhibition as a potential therapeutic strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 12165-12170.	7.1	127
7	Oxytocin Signaling in the Central Amygdala Modulates Emotion Discrimination in Mice. <i>Current Biology</i> , 2019, 29, 1938-1953.e6.	3.9	125
8	Somatostatin interneurons in the prefrontal cortex control affective state discrimination in mice. <i>Nature Neuroscience</i> , 2020, 23, 47-60.	14.8	112
9	Working memory deficits, increased anxiety-like traits, and seizure susceptibility in BDNF overexpressing mice. <i>Learning and Memory</i> , 2011, 18, 534-544.	1.3	108
10	Mouse models of genetic effects on cognition: Relevance to schizophrenia. <i>Neuropharmacology</i> , 2012, 62, 1204-1220.	4.1	102
11	The corticotropin-releasing factor receptor-1 pathway mediates the negative affective states of opiate withdrawal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18649-18654.	7.1	101
12	Attenuated palmitoylation of serotonin receptor 5-HT1A affects receptor function and contributes to depression-like behaviors. <i>Nature Communications</i> , 2019, 10, 3924.	12.8	100
13	Genetic Disruption of Arc/Arg3.1 in Mice Causes Alterations in Dopamine and Neurobehavioral Phenotypes Related to Schizophrenia. <i>Cell Reports</i> , 2016, 16, 2116-2128.	6.4	89
14	Gender- and morphine dose-linked expression of spontaneous somatic opiate withdrawal in mice. <i>Behavioural Brain Research</i> , 2006, 170, 110-118.	2.2	81
15	Understanding others: Emotion recognition in humans and other animals. <i>Genes, Brain and Behavior</i> , 2019, 18, e12544.	2.2	74
16	Decreased motivation to eat in μ -opioid receptor-deficient mice. <i>European Journal of Neuroscience</i> , 2007, 25, 3398-3405.	2.6	68
17	Automatic Visual Tracking and Social Behaviour Analysis with Multiple Mice. <i>PLoS ONE</i> , 2013, 8, e74557.	2.5	67
18	Dopamine, the antipsychotic molecule: A perspective on mechanisms underlying antipsychotic response variability. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 85, 146-159.	6.1	63

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19	Effects of sex and COMT genotype on environmentally modulated cognitive control in mice. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 20160-20165.	7.1	62
20	Epistatic interaction between COMT and DTNBP1 modulates prefrontal function in mice and in humans. Molecular Psychiatry, 2014, 19, 311-316.	7.9	62
21	COMT Genetic Reduction Produces Sexually Divergent Effects on Cortical Anatomy and Working Memory in Mice and Humans. Cerebral Cortex, 2015, 25, 2529-2541.	2.9	57
22	The Ultimate Intra-/Extra-Dimensional Attentional Set-Shifting Task for Mice. Biological Psychiatry, 2014, 75, 660-670.	1.3	55
23	Disruption of the CRF/CRF1 Receptor Stress System Exacerbates the Somatic Signs of Opiate Withdrawal. Neuron, 2007, 53, 577-589.	8.1	53
24	Dopamine transporter (DAT) genetic hypofunction in mice produces alterations consistent with ADHD but not schizophrenia or bipolar disorder. Neuropharmacology, 2017, 121, 179-194.	4.1	52
25	Dysbindin and Schizophrenia: It's Dopamine and Glutamate All Over Again. Biological Psychiatry, 2011, 69, 2-4.	1.3	50
26	Behavioral, Neurophysiological, and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. Journal of Neuroscience, 2016, 36, 4859-4875.	3.6	47
27	NEGR1 and FGFR2 cooperatively regulate cortical development and core behaviours related to autism disorders in mice. Brain, 2018, 141, 2772-2794.	7.6	45
28	Disruption of the CRF2 Receptor Pathway Decreases the Somatic Expression of Opiate Withdrawal. Neuropsychopharmacology, 2008, 33, 2878-2887.	5.4	42
29	A novel arousal-based individual screening reveals susceptibility and resilience to PTSD-like phenotypes in mice. Neurobiology of Stress, 2021, 14, 100286.	4.0	42
30	SINEUP Non-coding RNA Targeting GDNF Rescues Motor Deficits and Neurodegeneration in a Mouse Model of Parkinson's Disease. Molecular Therapy, 2020, 28, 642-652.	8.2	41
31	Variations in Dysbindin-1 are associated with cognitive response to antipsychotic drug treatment. Nature Communications, 2018, 9, 2265.	12.8	38
32	The epistatic interaction between the dopamine D3 receptor and dysbindin-1 modulates higher-order cognitive functions in mice and humans. Molecular Psychiatry, 2021, 26, 1272-1285.	7.9	37
33	COMT as a Drug Target for Cognitive Functions and Dysfunctions. CNS and Neurological Disorders - Drug Targets, 2012, 11, 209-221.	1.4	36
34	Intranasal Oxytocin and Vasopressin Modulate Divergent Brainwide Functional Substrates. Neuropsychopharmacology, 2017, 42, 1420-1434.	5.4	35
35	Adolescence is the starting point of sex-dichotomous COMT genetic effects. Translational Psychiatry, 2017, 7, e1141-e1141.	4.8	32
36	CRF2 receptor-deficiency eliminates opiate withdrawal distress without impairing stress coping. Molecular Psychiatry, 2012, 17, 1283-1294.	7.9	28

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37	Sex-dichotomous effects of functional COMT genetic variations on cognitive functions disappear after menopause in both health and schizophrenia. <i>European Neuropsychopharmacology</i> , 2015, 25, 2349-2363.	0.7	28
38	KCNH2-3.1 expression impairs cognition and alters neuronal function in a model of molecular pathology associated with schizophrenia. <i>Molecular Psychiatry</i> , 2016, 21, 1517-1526.	7.9	28
39	Dopamine, Cognitive Impairments and Second-Generation Antipsychotics: From Mechanistic Advances to More Personalized Treatments. <i>Pharmaceuticals</i> , 2020, 13, 365.	3.8	27
40	Loss of dysbindin-1 in mice impairs reward-based operant learning by increasing impulsive and compulsive behavior. <i>Behavioural Brain Research</i> , 2013, 241, 173-184.	2.2	22
41	Attentional Control in Adolescent Mice Assessed with a Modified Five Choice Serial Reaction Time Task. <i>Scientific Reports</i> , 2017, 7, 9936.	3.3	19
42	Remote memories are enhanced by COMT activity through dysregulation of the endocannabinoid system in the prefrontal cortex. <i>Molecular Psychiatry</i> , 2018, 23, 1040-1050.	7.9	19
43	Dopaminergic function in relation to genes associated with risk for schizophrenia. <i>Progress in Brain Research</i> , 2014, 211, 79-112.	1.4	18
44	Acute and Repeated Intranasal Oxytocin Differentially Modulate Brain-wide Functional Connectivity. <i>Neuroscience</i> , 2020, 445, 83-94.	2.3	18
45	Internalization of Carbon Nano-onions by Hippocampal Cells Preserves Neuronal Circuit Function and Recognition Memory. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16952-16963.	8.0	17
46	Dopamine-mediated immunomodulation affects choroid plexus function. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 138-150.	4.1	17
47	CRF1 receptor-deficiency increases cocaine reward. <i>Neuropharmacology</i> , 2017, 117, 41-48.	4.1	16
48	The Dopamine D5 Receptor Is Involved in Working Memory. <i>Frontiers in Pharmacology</i> , 2017, 8, 666.	3.5	15
49	Schizophrenia: What's Arc Got to Do with It?. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 181.	2.0	14
50	Enhancing cognition through pharmacological and environmental interventions: Examples from preclinical models of neurodevelopmental disorders. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 110, 28-45.	6.1	14
51	Striatal dopaminergic alterations in individuals with copy number variants at the 22q11.2 genetic locus and their implications for psychosis risk: a [18F]-DOPA PET study. <i>Molecular Psychiatry</i> , 2023, 28, 1995-2006.	7.9	13
52	Acute Administration of URB597 Fatty Acid Amide Hydrolase Inhibitor Prevents Attentional Impairments by Distractors in Adolescent Mice. <i>Frontiers in Pharmacology</i> , 2019, 10, 787.	3.5	10
53	COMT Implication in Cognitive and Psychiatric Symptoms in Chromosome 22q11 Microdeletion Syndrome: A Selective Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2012, 11, 273-281.	1.4	10
54	Favorable effects of omega-3 polyunsaturated fatty acids in attentional control and conversion rate to psychosis in 22q11.2 deletion syndrome. <i>Neuropharmacology</i> , 2020, 168, 107995.	4.1	9

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55	Social behavior in 16p11.2 and 22q11.2 copy number variations: Insights from mice and humans. <i>Genes, Brain and Behavior</i> , 2022, 21, e12787.	2.2	8
56	A schizophrenia relevant 5-Choice Serial Reaction Time Task for mice assessing broad monitoring, distractibility and impulsivity. <i>Psychopharmacology</i> , 2017, 234, 2047-2062.	3.1	7
57	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. <i>Scientific Reports</i> , 2020, 10, 3972.	3.3	7
58	Indicated prevention with long-chain polyunsaturated omega-3 fatty acids in patients with 22q11<scp>DS</scp> genetically at high risk for psychosis. Protocol of a randomized, double-blind, placebo-controlled treatment trial. <i>Microbial Biotechnology</i> , 2016, 10, 390-396.	1.7	6
59	COMT-Dysbindin epistatic interaction. <i>Molecular Psychiatry</i> , 2014, 19, 273-273.	7.9	5
60	Unsupervised mouse behavior analysis: A data-driven study of mice interactions. , 2016, , .		5
61	An Operant Intra-/Extra-dimensional Set-shift Task for Mice. <i>Journal of Visualized Experiments</i> , 2016, , e53503.	0.3	5
62	Immunology and microbiology: how do they affect social cognition and emotion recognition?. <i>Current Opinion in Immunology</i> , 2021, 71, 46-54.	5.5	5
63	Long-lasting rescue of schizophrenia-relevant cognitive impairments via risperidone-loaded microPlates. <i>Drug Delivery and Translational Research</i> , 2022, 12, 1829-1842.	5.8	5
64	Social Neuroscience: Rats Can Be Considerate to Others. <i>Current Biology</i> , 2020, 30, R274-R276.	3.9	4
65	Automatic Intra-/Extra-Dimensional Attentional Set-Shifting Task in Adolescent Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 704684.	2.0	4
66	The Discrete Paired-trial Variable-delay T-maze Task to Assess Working Memory in Mice. <i>Bio-protocol</i> , 2020, 10, e3664.	0.4	4
67	Automated Two-Chamber Operon ID/ED Task for Mice. <i>Current Protocols in Neuroscience</i> , 2020, 94, e109.	2.6	3
68	Dirichlet Process Mixtures of Multinomials for Data Mining in Mice Behaviour Analysis. , 2013, , .		2
69	Oxytocin Discrepancies in Social Dynamics. <i>Neuron</i> , 2020, 107, 591-593.	8.1	2
70	Dysbindin-1A modulation of astrocytic dopamine and basal ganglia dependent behaviors relevant to schizophrenia. <i>Molecular Psychiatry</i> , 2022, 27, 4201-4217.	7.9	2
71	Mo2031 Involvement of Catechol-O-Methyltransferase Genetic Reduction in Murine Intestinal Dysmotility: A Possible Link Between Psychiatric Disorders and Irritable Bowel Syndrome. <i>Gastroenterology</i> , 2015, 148, S-774-S-775.	1.3	1
72	ISDN2014_0067: Negr1 is required for transition of migrating pyramidal neurons from layer V to layer II/III of the mouse cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 16-16.	1.6	1

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73	Multiple Mice Tracking: Occlusions Disentanglement using a Gaussian Mixture Model. , 2018, , .		1
74	Kidins220/ARMS modulates brain morphology and anxiety-like traits in adult mice. Cell Death Discovery, 2022, 8, 58.	4.7	1
75	Poster #13 A NOVEL SEMI-AUTOMATED ATTENTIONAL SET SHIFTING TASK FOR MICE. Schizophrenia Research, 2012, 136, S285.	2.0	0
76	Editorial [Hot Topic: COMT as a Drug Target for Nervous System Disorders (Guest Editor: Francesco) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	0
77	522 Catechol-O-Methyltransferase Genetic Reduction Evokes Small-Bowel Neuromuscular Adaptive Changes. Gastroenterology, 2016, 150, S108.	1.3	0
78	Implications of COMT and Subclinical Psychiatric Symptoms on the Phenotypic Variability of 22q11.2 Deletion Syndrome: A Transversal and Longitudinal Approach. European Psychiatry, 2017, 41, S82-S83.	0.2	0
79	23. FRONTAL CORTEX DEVELOPMENT AND RISK FOR PSYCHOPATHOLOGY: MOLECULAR AND GENETIC MEDIATORS AS POSSIBLE BIOMARKERS?. Schizophrenia Bulletin, 2018, 44, S37-S37.	4.3	0
80	23.3 DEVELOPMENTAL TRAJECTORIES OF SCHIZOPHRENIA-RELEVANT ABNORMALITIES IN A MOUSE MODEL OF 22Q11.2 DELETION SYNDROME. Schizophrenia Bulletin, 2018, 44, S38-S38.	4.3	0
81	Genetic modulation of oxytocin's effects in social functioning. Annals of Translational Medicine, 2015, 3, 348.	1.7	0