Francesco Papaleo

List of Publications by Year in descending order

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	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. Molecular Psychiatry, 2023, 28, 1995-2006.	7.9	13
2	Long-lasting rescue of schizophrenia-relevant cognitive impairments via risperidone-loaded microPlates. Drug Delivery and Translational Research, 2022, 12, 1829-1842.	5.8	5
3	Kidins220/ARMS modulates brain morphology and anxiety-like traits in adult mice. Cell Death Discovery, 2022, 8, 58.	4.7	1
4	Social behavior in 16p11.2 and 22q11.2 copy number variations: Insights from mice and humans. Genes, Brain and Behavior, 2022, 21, e12787.	2.2	8
5	Dysbindin-1A modulation of astrocytic dopamine and basal ganglia dependent behaviors relevant to schizophrenia. Molecular Psychiatry, 2022, 27, 4201-4217.	7.9	2
6	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
7	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
8	Automatic Intra-/Extra-Dimensional Attentional Set-Shifting Task in Adolescent Mice. Frontiers in Behavioral Neuroscience, 2021, 15, 704684.	2.0	4
9	Immunology and microbiology: how do they affect social cognition and emotion recognition?. Current Opinion in Immunology, 2021, 71, 46-54.	5.5	5
10	Enhancing cognition through pharmacological and environmental interventions: Examples from preclinical models of neurodevelopmental disorders. Neuroscience and Biobehavioral Reviews, 2020, 110, 28-45.	6.1	14
11	SINEUP Non-coding RNA Targeting GDNF Rescues Motor Deficits and Neurodegeneration in a Mouse Model of Parkinsonâ€™s Disease. Molecular Therapy, 2020, 28, 642-652.	8.2	41
12	Acute and Repeated Intranasal Oxytocin Differentially Modulate Brain-wide Functional Connectivity. Neuroscience, 2020, 445, 83-94.	2.3	18
13	Somatostatin interneurons in the prefrontal cortex control affective state discrimination in mice. Nature Neuroscience, 2020, 23, 47-60.	14.8	112
14	Dopamine, Cognitive Impairments and Second-Generation Antipsychotics: From Mechanistic Advances to More Personalized Treatments. Pharmaceuticals, 2020, 13, 365.	3.8	27
15	Social Neuroscience: Rats Can Be Considerate toÂOthers. Current Biology, 2020, 30, R274-R276.	3.9	4
16	Oxytocin Discrepancies in Social Dynamics. Neuron, 2020, 107, 591-593.	8.1	2
17	Retinal biomarkers and pharmacological targets for Hermansky-Pudlak syndrome 7. Scientific Reports, 2020, 10, 3972.	3.3	7
18	Immunology of COVIDâ€19: Mechanisms, clinical outcome, diagnostics, and perspectivesâ€”A report of the European Academy of Allergy and Clinical Immunology (EAACI). Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 2445-2476.	5.7	132

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19	Favorable effects of omega-3 polyunsaturated fatty acids in attentional control and conversion rate to psychosis in 22q11.2 deletion syndrome. Neuropharmacology, 2020, 168, 107995.	4.1	9
20	The Discrete Paired-trial Variable-delay T-maze Task to Assess Working Memory in Mice. Bio-protocol, 2020, 10, e3664.	0.4	4
21	Automated Twoâ€Chamber Operon ID/ED Task for Mice. Current Protocols in Neuroscience, 2020, 94, e109.	2.6	3
22	Understanding others: Emotion recognition in humans and other animals. Genes, Brain and Behavior, 2019, 18, e12544.	2.2	74
23	Acute Administration of URB597 Fatty Acid Amide Hydrolase Inhibitor Prevents Attentional Impairments by Distractors in Adolescent Mice. Frontiers in Pharmacology, 2019, 10, 787.	3.5	10
24	Attenuated palmitoylation of serotonin receptor 5-HT1A affects receptor function and contributes to depression-like behaviors. Nature Communications, 2019, 10, 3924.	12.8	100
25	Dopamineâ€“mediated immunomodulation affects choroid plexus function. Brain, Behavior, and Immunity, 2019, 81, 138-150.	4.1	17
26	Oxytocin Signaling in the Central Amygdala Modulates Emotion Discrimination in Mice. Current Biology, 2019, 29, 1938-1953.e6.	3.9	125
27	Internalization of Carbon Nano-onions by Hippocampal Cells Preserves Neuronal Circuit Function and Recognition Memory. ACS Applied Materials & Interfaces, 2018, 10, 16952-16963.	8.0	17
28	Remote memories are enhanced by COMT activity through dysregulation of the endocannabinoid system in the prefrontal cortex. Molecular Psychiatry, 2018, 23, 1040-1050.	7.9	19
29	Dopamine, the antipsychotic molecule: A perspective on mechanisms underlying antipsychotic response variability. Neuroscience and Biobehavioral Reviews, 2018, 85, 146-159.	6.1	63
30	23. FRONTAL CORTEX DEVELOPMENT AND RISK FOR PSYCHOPATHOLOGY: MOLECULAR AND GENETIC MEDIATORS AS POSSIBLE BIOMARKERS?. Schizophrenia Bulletin, 2018, 44, S37-S37.	4.3	0
31	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
32	Multiple Mice Tracking: Occlusions Disentanglement using a Gaussian Mixture Model. , 2018, , .		1
33	NEGR1 and FGFR2 cooperatively regulate cortical development and core behaviours related to autism disorders in mice. Brain, 2018, 141, 2772-2794.	7.6	45
34	Variations in Dysbindin-1 are associated with cognitive response to antipsychotic drug treatment. Nature Communications, 2018, 9, 2265.	12.8	38
35	CRF1 receptor-deficiency increases cocaine reward. Neuropharmacology, 2017, 117, 41-48.	4.1	16
36	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

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37	Adolescence is the starting point of sex-dichotomous COMT genetic effects. Translational Psychiatry, 2017, 7, e1141-e1141.	4.8	32
38	A schizophrenia relevant 5-Choice Serial Reaction Time Task for mice assessing broad monitoring, distractibility and impulsivity. Psychopharmacology, 2017, 234, 2047-2062.	3.1	7
39	Intranasal Oxytocin and Vasopressin Modulate Divergent Brainwide Functional Substrates. Neuropsychopharmacology, 2017, 42, 1420-1434.	5.4	35
40	Attentional Control in Adolescent Mice Assessed with a Modified Five Choice Serial Reaction Time Task. Scientific Reports, 2017, 7, 9936.	3.3	19
41	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
42	The Dopamine D5 Receptor Is Involved in Working Memory. Frontiers in Pharmacology, 2017, 8, 666.	3.5	15
43	Schizophrenia: Whatâ€™s Arc Got to Do with It?. Frontiers in Behavioral Neuroscience, 2017, 11, 181.	2.0	14
44	Unsupervised mouse behavior analysis: A data-driven study of mice interactions. , 2016, , .		5
45	Behavioral, Neurophysiological, and Synaptic Impairment in a Transgenic Neuregulin1 (NRG1-IV) Murine Schizophrenia Model. Journal of Neuroscience, 2016, 36, 4859-4875.	3.6	47
46	Genetic Disruption of Arc/Arg3.1 in Mice Causes Alterations in Dopamine and Neurobehavioral Phenotypes Related to Schizophrenia. Cell Reports, 2016, 16, 2116-2128.	6.4	89
47	An Operant Intra-/Extra-dimensional Set-shift Task for Mice. Journal of Visualized Experiments, 2016, , e53503.	0.3	5
48	522 Catechol-O-Methyltransferase Genetic Reduction Evokes Small-Bowel Neuromuscular Adaptive Changes. Gastroenterology, 2016, 150, S108.	1.3	0
49	KCNH2-3.1 expression impairs cognition and alters neuronal function in a model of molecular pathology associated with schizophrenia. Molecular Psychiatry, 2016, 21, 1517-1526.	7.9	28
50	Indicated prevention with longâ€chain polyunsaturated omegaâ€3 fatty acids in patients with 22q11<scp>DS</scp> genetically at high risk for psychosis. Protocol of a randomized, doubleâ€blind, placeboâ€controlled treatment trial. Microbial Biotechnology, 2016, 10, 390-396.	1.7	6
51	Mo2031 Involvement of Catechol-O-Methyltransferase Genetic Reduction in Murine Intestinal Dysmotility: A Possible Link Between Psychiatric Disorders and Irritable Bowel Syndrome. Gastroenterology, 2015, 148, S-774-S-775.	1.3	1
52	Sex-dichotomous effects of functional COMT genetic variations on cognitive functions disappear after menopause in both health and schizophrenia. European Neuropsychopharmacology, 2015, 25, 2349-2363.	0.7	28
53	ISDN2014_0067: Negr1 is required for transition of migrating pyramidal neurons from layer V to layer II/III of the mouse cerebral cortex. International Journal of Developmental Neuroscience, 2015, 47, 16-16.	1.6	1
54	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

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55	Genetic modulation of oxytocin's effects in social functioning. Annals of Translational Medicine, 2015, 3, 348.	1.7	0
56	COMTâ€“Dysbindin epistatic interaction. Molecular Psychiatry, 2014, 19, 273-273.	7.9	5
57	Chronic and Acute Intranasal Oxytocin Produce Divergent Social Effects in Mice. Neuropsychopharmacology, 2014, 39, 1102-1114.	5.4	176
58	Dopaminergic function in relation to genes associated with risk for schizophrenia. Progress in Brain Research, 2014, 211, 79-112.	1.4	18
59	Epistatic interaction between COMT and DTNBP1 modulates prefrontal function in mice and in humans. Molecular Psychiatry, 2014, 19, 311-316.	7.9	62
60	The Ultimate Intra-/Extra-Dimensional Attentional Set-Shifting Task for Mice. Biological Psychiatry, 2014, 75, 660-670.	1.3	55
61	Loss of dysbindin-1 in mice impairs reward-based operant learning by increasing impulsive and compulsive behavior. Behavioural Brain Research, 2013, 241, 173-184.	2.2	22
62	Dirichlet Process Mixtures of Multinomials for Data Mining in Mice Behaviour Analysis. , 2013, , .		2
63	Automatic Visual Tracking and Social Behaviour Analysis with Multiple Mice. PLoS ONE, 2013, 8, e74557.	2.5	67
64	CRF2 receptor-deficiency eliminates opiate withdrawal distress without impairing stress coping. Molecular Psychiatry, 2012, 17, 1283-1294.	7.9	28
65	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
66	Mouse models of genetic effects on cognition: Relevance to schizophrenia. Neuropharmacology, 2012, 62, 1204-1220.	4.1	102
67	Poster #13 A NOVEL SEMI-AUTOMATED ATTENTIONAL SET SHIFTING TASK FOR MICE. Schizophrenia Research, 2012, 136, S285.	2.0	0
68	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
69	Neuregulin 1-ErbB4-PI3K signaling in schizophrenia and phosphoinositide 3-kinase-p110Î´ inhibition as a potential therapeutic strategy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12165-12170.	7.1	127
70	Dysbindin-1 modulates prefrontal cortical activity and schizophrenia-like behaviors via dopamine/D2 pathways. Molecular Psychiatry, 2012, 17, 85-98.	7.9	128
71	COMT as a Drug Target for Cognitive Functions and Dysfunctions. CNS and Neurological Disorders - Drug Targets, 2012, 11, 209-221.	1.4	36
72	COMT Implication in Cognitive and Psychiatric Symptoms in Chromosome 22q11 Microdeletion Syndrome: A Selective Review. CNS and Neurological Disorders - Drug Targets, 2012, 11, 273-281.	1.4	10

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73	Dysbindin and Schizophrenia: It's Dopamine and Glutamate All Over Again. Biological Psychiatry, 2011, 69, 2-4.	1.3	50
74	Working memory deficits, increased anxiety-like traits, and seizure susceptibility in BDNF overexpressing mice. Learning and Memory, 2011, 18, 534-544.	1.3	108
75	Role of dysbindin in dopamine receptor trafficking and cortical GABA function. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 19593-19598.	7.1	129
76	Genetic Dissection of the Role of Catechol-O-Methyltransferase in Cognition and Stress Reactivity in Mice. Journal of Neuroscience, 2008, 28, 8709-8723.	3.6	276
77	Disruption of the CRF2 Receptor Pathway Decreases the Somatic Expression of Opiate Withdrawal. Neuropsychopharmacology, 2008, 33, 2878-2887.	5.4	42
78	Disruption of the CRF/CRF1 Receptor Stress System Exacerbates the Somatic Signs of Opiate Withdrawal. Neuron, 2007, 53, 577-589.	8.1	53
79	Decreased motivation to eat in Âµâ€opioid receptorâ€deficient mice. European Journal of Neuroscience, 2007, 25, 3398-3405.	2.6	68
80	Gender- and morphine dose-linked expression of spontaneous somatic opiate withdrawal in mice. Behavioural Brain Research, 2006, 170, 110-118.	2.2	81
81	The corticotropin-releasing factor receptor-1 pathway mediates the negative affective states of opiate withdrawal. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 18649-18654.	7.1	101