

Alberto Oliverio

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

3,141
citations

126907

33
h-index

161849

54
g-index

84
all docs

84
docs citations

84
times ranked

1914
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo gene therapy of metachromatic leukodystrophy by lentiviral vectors: correction of neuropathology and protection against learning impairments in affected mice. <i>Nature Medicine</i> , 2001, 7, 310-316.	30.7	198
2	Exploratory activity: Genetic analysis of its modification by scopolamine and amphetamine. <i>Physiology and Behavior</i> , 1973, 10, 893-899.	2.1	188
3	Genotype-dependent sensitivity and tolerance to morphine and heroin: Dissociation between opiate-induced running and analgesia in the mouse. <i>Psychopharmacology</i> , 1974, 39, 13-22.	3.1	187
4	Stress induces region specific alterations in microRNAs expression in mice. <i>Behavioural Brain Research</i> , 2010, 208, 265-269.	2.2	140
5	Genetic analysis of avoidance, maze, and wheel-running behaviors in the mouse.. <i>Journal of Comparative and Physiological Psychology</i> , 1972, 79, 459-473.	1.8	108
6	Effects of immobilization stress on dopamine and its metabolites in different brain areas of the mouse: role of genotype and stress duration. <i>Brain Research</i> , 1988, 441, 153-160.	2.2	96
7	Chronic stress enhances apomorphine-induced stereotyped behavior in mice: Involvement of endogenous opioids. <i>Brain Research</i> , 1984, 298, 138-140.	2.2	83
8	Effects of nicotine on avoidance conditioning of inbred strains of mice. <i>Psychopharmacology</i> , 1966, 10, 1-5.	3.1	82
9	Social isolation: Effects on pain threshold and stress-induced analgesia. <i>Pharmacology Biochemistry and Behavior</i> , 1983, 19, 679-681.	2.9	73
10	A genetic analysis of morphine-induced running and analgesia in the mouse. <i>Psychopharmacology</i> , 1975, 41, 197-200.	3.1	71
11	NMDA and AMPA Antagonist Infusions into the Ventral Striatum Impair Different Steps of Spatial Information Processing in a Nonassociative Task in Mice. <i>Journal of Neuroscience</i> , 2001, 21, 2143-2149.	3.6	69
12	Spatial deficits in a mouse model of Parkinson disease. <i>Psychopharmacology</i> , 2007, 194, 517-525.	3.1	68
13	Effects of post trial administration of drugs on avoidance learning of mice. <i>Life Sciences</i> , 1966, 5, 1309-1315.	4.3	63
14	Effects of intra-accumbens focal administrations of glutamate antagonists on object recognition memory in mice. <i>Behavioural Brain Research</i> , 2003, 138, 153-163.	2.2	61
15	Effects of scopolamine on avoidance conditioning and habituation of mice. <i>Psychopharmacology</i> , 1968, 12, 214-226.	3.1	57
16	Morphine sensitivity and tolerance: A genetic investigation in the mouse. <i>Psychopharmacology</i> , 1975, 42, 219-224.	3.1	57
17	Psychobiology of Opioids. <i>International Review of Neurobiology</i> , 1984, 25, 277-337.	2.0	55
18	Metabotropic Glutamate Receptors 5 Blockade Reverses Spatial Memory Deficits in a Mouse Model of Parkinson's Disease. <i>Neuropsychopharmacology</i> , 2009, 34, 729-738.	5.4	55

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19	Wheel running and sleep in two strains of mice: Plasticity and rigidity in the expression of circadian rhythmicity. <i>Brain Research</i> , 1979, 163, 121-133.	2.2	52
20	N-Methyl- D -aspartate receptors in the nucleus accumbens are involved in detection of spatial novelty in mice. <i>Psychopharmacology</i> , 1998, 137, 175-183.	3.1	52
21	A study on the role of the dorsal striatum and the nucleus accumbens in allocentric and egocentric spatial memory consolidation. <i>Learning and Memory</i> , 2005, 12, 491-503.	1.3	50
22	Motor activity and alcohol: Genetic analysis in the mouse. <i>Physiology and Behavior</i> , 1976, 16, 577-581.	2.1	45
23	Memory and consolidation mechanisms in avoidance learning of inbred mice. <i>Brain Research</i> , 1968, 10, 168-182.	2.2	43
24	Differential Involvement of NMDA and AMPA Receptors Within the Nucleus Accumbens in Consolidation of Information Necessary for Place Navigation and Guidance Strategy of Mice. <i>Learning and Memory</i> , 2003, 10, 285-292.	1.3	42
25	Contrasting effects of scopolamine on mice trained simultaneously with two different schedules of avoidance conditioning. <i>Psychopharmacology</i> , 1967, 11, 39-51.	3.1	41
26	A genetic analysis of stereotypy in the mouse: Dopaminergic plasticity following chronic stress. <i>Behavioral and Neural Biology</i> , 1985, 44, 239-248.	2.2	41
27	Relations between avoidance and activity: A diallel study in mice. <i>Behavioral Biology</i> , 1972, 7, 733-742.	2.2	39
28	Early malnutrition and postnatal changes in brain and behavior in the mouse. <i>Brain Research</i> , 1976, 101, 317-325.	2.2	37
29	Differential effects of opiate agonists-antagonists on morphine-induced hyperexcitability and analgesia in mice. <i>Psychopharmacology</i> , 1981, 73, 134-136.	3.1	37
30	Anticonvulsant effects of stress: role of endogenous opioids. <i>Brain Research</i> , 1983, 271, 193-195.	2.2	37
31	An analysis of single-gene effects on avoidance, maze, wheel running, and exploratory behavior in the mouse. <i>Behavioral Biology</i> , 1973, 8, 771-783.	2.2	36
32	Genotype-dependent effects of septal lesions on different types of learning in the mouse. <i>Journal of Comparative and Physiological Psychology</i> , 1973, 82, 240-246.	1.8	35
33	A gene expression atlas for different kinds of stress in the mouse brain. <i>Scientific Data</i> , 2020, 7, 437.	5.3	34
34	Different effects of apomorphine on locomotor activity in C57BL/6 and DBA/2 mice. <i>Pharmacology Biochemistry and Behavior</i> , 1981, 14, 741-743.	2.9	33
35	Dopamine receptors in the striatum and limbic system of various strains of mice: Relation to differences in responses to apomorphine. <i>Pharmacology Biochemistry and Behavior</i> , 1982, 17, 1115-1118.	2.9	33
36	Effects of L- and D-amino acids on analgesia and locomotor activity of mice: their interaction with morphine. <i>Brain Research</i> , 1980, 198, 249-252.	2.2	32

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37	Effects of intra-accumbens NMDA and AMPA receptor antagonists on short-term spatial learning in the Morris water maze task. <i>Behavioural Brain Research</i> , 2007, 179, 43-49.	2.2	32
38	Circadian variations in stress-induced analgesia. <i>Brain Research</i> , 1982, 252, 373-376.	2.2	31
39	Psychopharmacogenetics of opioids. <i>Trends in Pharmacological Sciences</i> , 1983, 4, 350-352.	8.7	31
40	Co-activation of glutamate and dopamine receptors within the nucleus accumbens is required for spatial memory consolidation in mice. <i>Psychopharmacology</i> , 2005, 179, 108-116.	3.1	29
41	Morphine-induced running and analgesia in two strains of mice following septal lesions or modification of brain amines. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 1975, 288, 355-370.	3.0	28
42	Distinct roles of the different ionotropic glutamate receptors within the nucleus accumbens in passive-avoidance learning and memory in mice. <i>European Journal of Neuroscience</i> , 2003, 18, 2365-2373.	2.6	28
43	Experience modifies morphine-induced behavioural excitation of mice. <i>Nature</i> , 1974, 252, 229-230.	27.8	25
44	Spatial memory, plasticity and nucleus accumbens. <i>Reviews in the Neurosciences</i> , 2012, 23, 527-41.	2.9	24
45	Behavioural data on dermorphins in mice. <i>European Journal of Pharmacology</i> , 1982, 82, 223-227.	3.5	23
46	Stress-induced decrease of 3-methoxytyramine in the nucleus accumbens of the mouse is prevented by naltrexone pretreatment. <i>Life Sciences</i> , 1989, 45, 1031-1037.	4.3	23
47	Short and long term memory in two inbred strains of mice. <i>Life Sciences</i> , 1966, 5, 415-420.	4.3	21
48	Genetic variations and heritability in a measure of avoidance learning in mice.. <i>Journal of Comparative and Physiological Psychology</i> , 1971, 74, 390-397.	1.8	21
49	Amygdala lesions block the effect of cocaine on memory in mice. <i>Brain Research</i> , 1996, 713, 286-289.	2.2	20
50	Dopamineâ€“Glutamate Interplay in the Ventral Striatum Modulates Spatial Learning in a Receptor Subtype-Dependent Manner. <i>Neuropsychopharmacology</i> , 2012, 37, 1122-1133.	5.4	20
51	Flexible use of allocentric and egocentric spatial memories activates differential neural networks in mice. <i>Scientific Reports</i> , 2020, 10, 11338.	3.3	19
52	Effects of genetic and nutritional factors on post-natal reflex and behavioral development in the mouse. <i>Experimental Aging Research</i> , 1975, 1, 41-56.	1.2	18
53	Genotype or prenatal drug experience affect brain maturation in the mouse. <i>Brain Research</i> , 1975, 90, 357-360.	2.2	18
54	An analysis of single-gene effects on audible and ultrasonic vocalizations in the mouse. <i>Behavioral and Neural Biology</i> , 1982, 36, 197-203.	2.2	18

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55	Nonhuman behavioral models in the genetics of disturbed behavior. <i>Journal of Psychiatric Research</i> , 1992, 26, 367-382.	3.1	17
56	Effects of nicotine and strychnine on transfer of avoidance learning in the mouse. <i>Life Sciences</i> , 1968, 7, 1163-1167.	4.3	16
57	Ontogeny of behavioral development, arousal and stereotypes in two strains of mice. <i>Experimental Aging Research</i> , 1979, 5, 335-350.	1.2	16
58	Chronic stress reduces the analgesic but not the stimulant effect of morphine in mice. <i>Brain Research</i> , 1986, 380, 357-358.	2.2	16
59	Genotype-dependent electroencephalographic, behavioral and analgesic correlates of morphine: An analysis in normal mice and in mice with septal lesions. <i>Brain Research</i> , 1975, 83, 135-141.	2.2	15
60	Genes and Behavior: An Evolutionary Perspective. <i>Advances in the Study of Behavior</i> , 1983, 13, 191-217.	1.6	15
61	Different levels of acetylcholinesterase and choline acetyltransferase activities in C57Bl/6 and DBA/2 mice are not accompanied with different density of cortical acetylcholinesterase reactive fibers. <i>Neurochemical Research</i> , 1990, 15, 1127-1133.	3.3	15
62	Pharmacological evidence of the role of dorsal striatum in spatial memory consolidation in mice.. <i>Behavioral Neuroscience</i> , 2003, 117, 685-694.	1.2	15
63	Development of morphine-induced changes of activity in the mouse. <i>Developmental Brain Research</i> , 1981, 2, 602-605.	1.7	14
64	Age-dependent differences in cholinergic drug response in two strains of mice. <i>Neuroscience Letters</i> , 1988, 84, 335-338.	2.1	14
65	Cross-tolerance between D-amino acids and morphine in mice. <i>Brain Research</i> , 1981, 212, 227-229.	2.2	13
66	Phosphorylation of S845 GluA1 AMPA receptors modulates spatial memory and structural plasticity in the ventral striatum. <i>Brain Structure and Function</i> , 2015, 220, 2653-2661.	2.3	13
67	Effects of Different Conditioning Schedules Based on Visual and Acoustic Conditioned Stimulus on Avoidance Learning of Two Strains of Mice. <i>Journal of Psychology: Interdisciplinary and Applied</i> , 1967, 65, 131-139.	1.6	12
68	Behavioral Effects of Opiates: A Pharmacogenetic Analysis. , 1981, 6, 45-64.		12
69	Imprinting to light-dark cycles or rearing in constant light affect circadian locomotor rhythm of mice. <i>Neuroscience Letters</i> , 1978, 9, 93-96.	2.1	11
70	USES OF RECOMBINANT INBRED LINES. , 1979, , 197-218.		11
71	Maze Learning: A Genetic Investigation in the Mouse. <i>Psychological Reports</i> , 1975, 36, 703-712.	1.7	10
72	Decreased sensitivity of septal mice to impairment of two-way avoidance by chlorpromazine. <i>Psychopharmacology</i> , 1973, 29, 13-20.	3.1	8

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73	Effects of the NMDA-antagonist, MK-801, on stress-induced alterations of dopamine dependent behavior. <i>Psychopharmacology</i> , 1995, 117, 313-317.	3.1	8
74	Effects of cross-fostering on emotional and learning behavior of different strains of rats.. <i>Life Sciences</i> , 1968, 7, 799-806.	4.3	7
75	Effects of acute and chronic stress and of genotype on oxotremorine-induced locomotor depression of mice. <i>Behavioral and Neural Biology</i> , 1991, 55, 123-130.	2.2	7
76	Exploratory Activity: Genetic Analysis of its Modification by Various Pharmacologic Agents. , 1975, , 99-126.		6
77	Evolutionary mechanisms in behaviour: An intraspecific genetic approach. <i>Journal of Human Evolution</i> , 1974, 3, 1-18.	2.6	4
78	Transfer of avoidance learning in different strains of inbred mice. <i>Life Sciences</i> , 1968, 7, 1157-1162.	4.3	3
79	Genotype-Dependent Adaptation of Brain Dopamine System to Stress. , 1990, , 171-182.		2
80	Impairing effect of amphetamine and concomitant ionotropic glutamate receptors blockade in the ventral striatum on spatial learning in mice. <i>Psychopharmacology</i> , 2013, 227, 651-660.	3.1	1
81	Daniel Bovet and his role in the development of psychobiology. <i>Medicina Nei Secoli</i> , 2008, 20, 891-905.	0.1	1
82	Studying memory and learning at the University of Rome ?La Sapienza? and at the National Research Council. <i>Cognitive Processing</i> , 2004, 5, 54-56.	1.4	0
83	A Comparative Approach to Behavioral Development. , 1983, , 21-38.		0
84	Genetics, behaviour and psychiatry: historical burdens and perspective. <i>Medicina Nei Secoli</i> , 2003, 15, 1-15.	0.1	0