Maurizio Casarrubea

List of Publications by Year
in descending order

53	1,029	394390 19	477281 29
papers	citations	h-index	g-index

56	56	56	698
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	T-pattern analysis for the study of temporal structure of animal and human behavior: A comprehensive review. Journal of Neuroscience Methods, 2015, 239, 34-46.	2.5	110
2	Temporal structure of the rat's behavior in elevated plus maze test. Behavioural Brain Research, 2013, 237, 290-299.	2.2	69
3	T-pattern detection and analysis for the discovery of hidden features of behaviour. Journal of Neuroscience Methods, 2018, 310, 24-32.	2.5	60
4	Acute nicotine induces anxiety and disrupts temporal pattern organization of rat exploratory behavior in hole-board: a potential role for the lateral habenula. Frontiers in Cellular Neuroscience, 2015, 9, 197.	3.7	52
5	and Behavior, 2009, 96, 174-179.	2.1	50
6	Physiology and Behavior, 2009, 96, 683-692.	2.1	37
7	Multivariate data handling in the study of rat behavior: An integrated approach. Behavior Research Methods, 2009, 41, 772-781.	4.0	35
8	T-pattern analysis of diazepam-induced modifications on the temporal organization of rat behavioral response to anxiety in hole board. Psychopharmacology, 2011, 215, 177-189.	3.1	32
9	Temporal patterns analysis of rat behavior in hole-board. Behavioural Brain Research, 2010, 208, 124-131.	2.2	28
10	Multivariate analysis of the modifications induced by an environmental acoustic cue on rat exploratory behavior. Physiology and Behavior, 2008, 93, 687-696.	2.1	26
11	Synergistic action of CB1 and 5-HT2B receptors in preventing pilocarpine-induced status epilepticus in rats. Neurobiology of Disease, 2019, 125, 135-145.	4.4	26
12	The impact of chronic daily nicotine exposure and its overnight withdrawal on the structure of anxiety-related behaviors in rats: Role of the lateral habenula. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2021, 105, 110131.	4.8	25
13	Lorcaserin bidirectionally regulates dopaminergic function site-dependently and disrupts dopamine brain area correlations in rats. Neuropharmacology, 2020, 166, 107915.	4.1	24
14	Inferring functional patterns of tool use behavior from the temporal structure of object play sequences in a non-human primate species. Physiology and Behavior, 2020, 222, 112938.	2.1	24
15	The effects of diazepam on the behavioral structure of the rat's response to pain in the hot-plate test: Anxiolysis vs. pain modulation. Neuropharmacology, 2012, 63, 310-321.	4.1	23
16	Significant divergences between the temporal structure of the behavior in Wistar and in the spontaneously more anxious DA/Han strain of rats tested in elevated plus maze. Behavioural Brain Research, 2013, 250, 166-173.	2.2	23
17	Multivariate temporal pattern analysis applied to the study of rat behavior in the elevated plus maze: Methodological and conceptual highlights. Journal of Neuroscience Methods, 2014, 234, 116-126.	2.5	22
18	Effects of the benzodiazepine inverse agonist FG7142 on the structure of anxiety-related behavior of male Wistar rats tested in hole board. Psychopharmacology, 2017, 234, 381-391.	3.1	22

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19	Effects of Substantia Nigra pars compacta lesion on the behavioral sequencing in the 6-OHDA model of Parkinsonâ€™s disease. Behavioural Brain Research, 2019, 362, 28-35.	2.2	22
20	Learning influence on the behavioral structure of rat response to pain in hot-plate. Behavioural Brain Research, 2011, 225, 177-183.	2.2	21
21	The non-aromatizable androgen dihydrotestosterone (DHT) facilitates sexual behavior in ovariectomized female rats primed with estradiol. Psychoneuroendocrinology, 2020, 115, 104606.	2.7	21
22	Behavioral fragmentation in the D1<scp>CT</scp>â€7 mouse model of Tourette's syndrome. CNS Neuroscience and Therapeutics, 2018, 24, 703-711.	3.9	20
23	Effects of 7-OH-DPAT and U 99194 on the behavioral response to hot plate test, in rats. Physiology and Behavior, 2006, 89, 552-562.	2.1	19
24	Microstructure of rat behavioral response to anxiety in hole-board. Neuroscience Letters, 2010, 481, 82-87.	2.1	19
25	Combining Quantitative and Qualitative Data in the Study of Feeding Behavior in Male Wistar Rats. Frontiers in Psychology, 2019, 10, 881.	2.1	19
26	Temporal patterns of rat behaviour in the central platform of the elevated plus maze. Comparative analysis between male subjects of strains with different basal levels of emotionality. Journal of Neuroscience Methods, 2016, 268, 155-162.	2.5	16
27	Effects of chronic nicotine on the temporal structure of anxiety-related behavior in rats tested in hole-board. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2020, 96, 109731.	4.8	15
28	The effects of different basal levels of anxiety on the behavioral shift analyzed in the central platform of the elevated plus maze. Behavioural Brain Research, 2015, 281, 55-61.	2.2	14
29	Brain histamine depletion enhances the behavioural sequences complexity of mice tested in the open-field: Partial reversal effect of the dopamine D2/D3 antagonist sulpiride. Neuropharmacology, 2017, 113, 533-542.	4.1	14
30	Acute and Chronic Nicotine Exposures Differentially Affect Central Serotonin 2A Receptor Function: Focus on the Lateral Habenula. International Journal of Molecular Sciences, 2020, 21, 1873.	4.1	13
31	Is female-male mounting functional? An analysis of the temporal patterns of sexual behaviors in Japanese macaques. Physiology and Behavior, 2020, 223, 112983.	2.1	12
32	Brain histamine and oleoylethanolamide restore behavioral deficits induced by chronic social defeat stress in mice. Neurobiology of Stress, 2021, 14, 100317.	4.0	11
33	Discovery of recurring behavioural sequences in Wistar rat social activity: Possible support to studies on Autism Spectrum Disorders. Neuroscience Letters, 2017, 653, 58-63.	2.1	10
34	T-patterns in the study of movement and behavioral disorders. Physiology and Behavior, 2020, 215, 112790.	2.1	10
35	Application of T-pattern analysis in the study of the organization of behavior. Physiology and Behavior, 2020, 227, 113138.	2.1	10
36	Nicotine modulation of the lateral habenula/ventral tegmental area circuit dynamics: An electrophysiological study in rats. Neuropharmacology, 2022, 202, 108859.	4.1	10

#	Article	IF	Citations
37	Effects of Different Anxiety Levels on the Behavioral Patternings Investigated through T-pattern Analysis in Wistar Rats Tested in the Hole-Board Apparatus. Brain Sciences, 2021, 11, 714.	2.3	8
38	Brain histamine and behavioral neuroscience. Oncotarget, 2017, 8, 16107-16108.	1.8	7
39	The effects of morphine on the temporal structure of Wistar rat behavioral response to pain in hot-plate. Psychopharmacology, 2016, 233, 2891-2900.	3.1	6
40	Lateral Habenula 5-HT2C Receptor Function Is Altered by Acute and Chronic Nicotine Exposures. International Journal of Molecular Sciences, 2021, 22, 4775.	4.1	6
41	Microstructural assessment of rodent behavior in the hole-board experimental assay. , 2010, , .		5
42	Early alterations of the behavioural structure of mice affected by Duchenne muscular dystrophy and tested in open-field. Behavioural Brain Research, 2020, 386, 112609.	2.2	5
43	Recurring sequences of multimodal non-verbal and verbal communication during a human psycho-social stress test: A temporal pattern analysis. Physiology and Behavior, 2020, 221, 112907.	2.1	5
44	Multivariate approaches to behavioral physiology. Oncotarget, 2017, 8, 34022-34023.	1.8	5
45	The effect of cannabinoid receptor agonist WIN 55,212â€“2 on anxietyâ€like behavior and locomotion in a genetic model of absence seizures in the elevated plusâ€maze. CNS Neuroscience and Therapeutics, 2022, 28, 1268-1270.	3.9	4
46	Possible Contribution of T-pattern Detection and Analysis to the Study of the Behavioral Correlates of Afferent Inhibition. Brain Sciences, 2020, 10, 818.	2.3	3
47	Cannabinoid 1/2 Receptor Activation Induces Strain-Dependent Behavioral and Neurochemical Changes in Genetic Absence Epilepsy Rats From Strasbourg and Non-epileptic Control Rats. Frontiers in Cellular Neuroscience, 2022, 16, .	3.7	3
48	Effects of Sulpiride on the Orienting Movement Evoked By Acoustic Stimulation in the Rat. Pharmacology Biochemistry and Behavior, 2000, 66, 747-750.	2.9	2
49	Different Representation Procedures Originated from Multivariate Temporal Pattern Analysis of the Behavioral Response to Pain in Wistar Rats Tested in a Hot-Plate under Morphine. Brain Sciences, 2019, 9, 233.	2.3	2
50	Detection of a temporal structure in the rat behavioural response to an aversive stimulation in the emotional object recognition (EOR) task.. Physiology and Behavior, 2021, 238, 113481.	2.1	2
51	Nitric Oxide Modulation of the Dopaminergic Nigrostriatal System: Focus on Nicotine Action. Advances in Behavioral Biology, 2009, , 309-321.	0.2	0
52	Application of T-Pattern Analysis in the Study of Rodent Behavior: Methodological and Experimental Highlights. Neuromethods, 2016, , 217-235.	0.3	0
53	European Week of Sport: innovative initiative of European Commission that inspires children to be active. Journal of Sports Medicine and Physical Fitness, 2019, 59, 1026-1029.	0.7	0