

Igor Branchi

List of Publications by Year in descending order

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93
papers

6,668
citations

57758

44
h-index

66911

78
g-index

99
all docs

99
docs citations

99
times ranked

7768
citing authors

#	ARTICLE	IF	CITATIONS
1	Psychedelics and the essential importance of context. <i>Journal of Psychopharmacology</i> , 2018, 32, 725-731.	4.0	357
2	Dark microglia: A new phenotype predominantly associated with pathological states. <i>Glia</i> , 2016, 64, 826-839.	4.9	325
3	Ultrasonic vocalisation emitted by infant rodents: a tool for assessment of neurobehavioural development. <i>Behavioural Brain Research</i> , 2001, 125, 49-56.	2.2	295
4	Stress resilience during the coronavirus pandemic. <i>European Neuropsychopharmacology</i> , 2020, 35, 12-16.	0.7	285
5	Polybrominated Diphenyl Ethers: Neurobehavioral Effects Following Developmental Exposure. <i>NeuroToxicology</i> , 2003, 24, 449-462.	3.0	235
6	Early Social Enrichment Shapes Social Behavior and Nerve Growth Factor and Brain-Derived Neurotrophic Factor Levels in the Adult Mouse Brain. <i>Biological Psychiatry</i> , 2006, 60, 690-696.	1.3	207
7	Mental disorders and risk of COVID-19-related mortality, hospitalisation, and intensive care unit admission: a systematic review and meta-analysis. <i>Lancet Psychiatry</i> , 2021, 8, 797-812.	7.4	202
8	The impact of the prolonged COVID-19 pandemic on stress resilience and mental health: A critical review across waves. <i>European Neuropsychopharmacology</i> , 2022, 55, 22-83.	0.7	200
9	Hypertension Induces Brain β -Amyloid Accumulation, Cognitive Impairment, and Memory Deterioration Through Activation of Receptor for Advanced Glycation End Products in Brain Vasculature. <i>Hypertension</i> , 2012, 60, 188-197.	2.7	199
10	Fractalkine receptor deficiency impairs microglial and neuronal responsiveness to chronic stress. <i>Brain, Behavior, and Immunity</i> , 2016, 55, 114-125.	4.1	192
11	Effects of Perinatal Exposure to a Polybrominated Diphenyl Ether (PBDE 99) on Mouse Neurobehavioural Development. <i>NeuroToxicology</i> , 2002, 23, 375-384.	3.0	177
12	The reciprocal interaction between serotonin and social behaviour. <i>Neuroscience and Biobehavioral Reviews</i> , 2012, 36, 786-798.	6.1	158
13	Fluoxetine effects on molecular, cellular and behavioral endophenotypes of depression are driven by the living environment. <i>Molecular Psychiatry</i> , 2017, 22, 552-561.	7.9	150
14	The mouse communal nest: Investigating the epigenetic influences of the early social environment on brain and behavior development. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 551-559.	6.1	138
15	Ultrasonic vocalizations by infant laboratory mice: A preliminary spectrographic characterization under different conditions. <i>Developmental Psychobiology</i> , 1998, 33, 249-256.	1.6	129
16	CX3CR1 deficiency alters hippocampal-dependent plasticity phenomena blunting the effects of enriched environment. <i>Frontiers in Cellular Neuroscience</i> , 2011, 5, 22.	3.7	124
17	Consistent behavioral phenotype differences between inbred mouse strains in the IntelliCage. <i>Genes, Brain and Behavior</i> , 2010, 9, 722-731.	2.2	121
18	The double edged sword of neural plasticity: Increasing serotonin levels leads to both greater vulnerability to depression and improved capacity to recover. <i>Psychoneuroendocrinology</i> , 2011, 36, 339-351.	2.7	121

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19	Differential in vitro neurotoxicity of the flame retardant PBDE-99 and of the PCB Aroclor 1254 in human astrocytoma cells. <i>Toxicology Letters</i> , 2004, 154, 11-21.	0.8	119
20	Early social enrichment augments adult hippocampal BDNF levels and survival of BrdU-positive cells while increasing anxiety- and "depression"-like behavior. <i>Journal of Neuroscience Research</i> , 2006, 83, 965-973.	2.9	116
21	Epigenetic control of neurobehavioural plasticity: the role of neurotrophins. <i>Behavioural Pharmacology</i> , 2004, 15, 353-362.	1.7	110
22	Nonmotor symptoms in Parkinson's disease: Investigating early "phase onset of behavioral dysfunction in the "6-hydroxydopamine"-lesioned rat model. <i>Journal of Neuroscience Research</i> , 2008, 86, 2050-2061.	2.9	110
23	Anxiety-like behaviour and associated neurochemical and endocrinological alterations in male pups exposed to prenatal stress. <i>Psychoneuroendocrinology</i> , 2012, 37, 1646-1658.	2.7	108
24	Early interactions with mother and peers independently build adult social skills and shape BDNF and oxytocin receptor brain levels. <i>Psychoneuroendocrinology</i> , 2013, 38, 522-532.	2.7	101
25	Long-term effects of the periadolescent environment on exploratory activity and aggressive behaviour in mice: social versus physical enrichment. <i>Physiology and Behavior</i> , 2004, 81, 443-453.	2.1	100
26	Early life influences on emotional reactivity: Evidence that social enrichment has greater effects than handling on anxiety-like behaviors, neuroendocrine responses to stress and central BDNF levels. <i>Neuroscience and Biobehavioral Reviews</i> , 2010, 34, 808-820.	6.1	96
27	Fluoxetine treatment affects the inflammatory response and microglial function according to the quality of the living environment. <i>Brain, Behavior, and Immunity</i> , 2016, 58, 261-271.	4.1	96
28	Early Developmental Exposure to BDE 99 or Aroclor 1254 Affects Neurobehavioural Profile: Interference from the Administration Route. <i>NeuroToxicology</i> , 2005, 26, 183-192.	3.0	91
29	Learning performances, brain NGF distribution and NPY levels in transgenic mice expressing TNF-alpha. <i>Behavioural Brain Research</i> , 2000, 112, 165-175.	2.2	87
30	Transgenic Mouse In Vivo Library of Human Down Syndrome Critical Region 1. <i>Journal of Neuropathology and Experimental Neurology</i> , 2004, 63, 429-440.	1.7	85
31	Interplay between inflammation and neural plasticity: Both immune activation and suppression impair LTP and BDNF expression. <i>Brain, Behavior, and Immunity</i> , 2019, 81, 484-494.	4.1	84
32	Role of neuroinflammation in hypertension-induced brain amyloid pathology. <i>Neurobiology of Aging</i> , 2012, 33, 205.e19-205.e29.	3.1	83
33	Antidepressant Treatment Outcome Depends on the Quality of the Living Environment: A Pre-Clinical Investigation in Mice. <i>PLoS ONE</i> , 2013, 8, e62226.	2.5	79
34	Epigenetic modifications induced by early enrichment are associated with changes in timing of induction of BDNF expression. <i>Neuroscience Letters</i> , 2011, 495, 168-172.	2.1	76
35	Communal nesting, an early social enrichment, increases the adult anxiety-like response and shapes the role of social context in modulating the emotional behavior. <i>Behavioural Brain Research</i> , 2006, 172, 299-306.	2.2	71
36	Electrophysiological Properties of CA1 Pyramidal Neurons along the Longitudinal Axis of the Mouse Hippocampus. <i>Scientific Reports</i> , 2016, 6, 38242.	3.3	69

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37	Transgenic and knock-out mouse pups: the growing need for behavioral analysis. <i>Genes, Brain and Behavior</i> , 2002, 1, 135-141.	2.2	67
38	Communal nesting, an early social enrichment, affects social competences but not learning and memory abilities at adulthood. <i>Behavioural Brain Research</i> , 2007, 183, 60-66.	2.2	67
39	Rhes Is Involved in Striatal Function. <i>Molecular and Cellular Biology</i> , 2004, 24, 5788-5796.	2.3	63
40	Changes in plasma levels of BDNF and NGF reveal a gender-selective vulnerability to early adversity in rhesus macaques. <i>Psychoneuroendocrinology</i> , 2009, 34, 172-180.	2.7	61
41	A Role for Ultrasonic Vocalisation in Social Communication and Divergence of Natural Populations of the House Mouse (<i>Mus musculus domesticus</i>). <i>PLoS ONE</i> , 2014, 9, e97244.	2.5	59
42	Shaping brain development: Mouse communal nesting blunts adult neuroendocrine and behavioral response to social stress and modifies chronic antidepressant treatment outcome. <i>Psychoneuroendocrinology</i> , 2010, 35, 743-751.	2.7	53
43	Citalopram amplifies the influence of living conditions on mood in depressed patients enrolled in the STAR*D study. <i>Translational Psychiatry</i> , 2017, 7, e1066-e1066.	4.8	50
44	Severe mental illness and European COVID-19 vaccination strategies. <i>Lancet Psychiatry</i> , 2021, 8, 356-359.	7.4	50
45	A peripheral inflammatory signature discriminates bipolar from unipolar depression: A machine learning approach. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 105, 110136.	4.8	49
46	Animal models of mental retardation: from gene to cognitive function. <i>Neuroscience and Biobehavioral Reviews</i> , 2003, 27, 141-153.	6.1	46
47	Striatal 6-OHDA lesion in mice: Investigating early neurochemical changes underlying Parkinson's disease. <i>Behavioural Brain Research</i> , 2010, 208, 137-143.	2.2	45
48	Not all stressors are equal: Early social enrichment favors resilience to social but not physical stress in male mice. <i>Hormones and Behavior</i> , 2013, 63, 503-509.	2.1	44
49	Brain-immune crosstalk in the treatment of major depressive disorder. <i>European Neuropsychopharmacology</i> , 2021, 45, 89-107.	0.7	41
50	Neonatal behaviors associated with ultrasonic vocalizations in mice (<i>mus musculus</i>): A slow-motion analysis. <i>Developmental Psychobiology</i> , 2004, 44, 37-44.	1.6	39
51	Gender-dependent resiliency to stressful and metabolic challenges following prenatal exposure to high-fat diet in the p66Shc ^{fl/fl} /ApoE ^{fl/fl} mouse. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 285.	2.0	35
52	Early social enrichment provided by communal nest increases resilience to depression-like behavior more in female than in male mice. <i>Behavioural Brain Research</i> , 2010, 215, 71-76.	2.2	34
53	Early experiences: Building up the tools to face the challenges of adult life. <i>Developmental Psychobiology</i> , 2014, 56, 1661-1674.	1.6	34
54	Effects of Prenatal AZT on Mouse Neurobehavioral Development and Passive Avoidance Learning. <i>Neurotoxicology and Teratology</i> , 1999, 21, 29-40.	2.4	33

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55	Combined Fluoxetine and Metformin Treatment Potentiates Antidepressant Efficacy Increasing IGF2 Expression in the Dorsal Hippocampus. <i>Neural Plasticity</i> , 2019, 2019, 1-12.	2.2	32
56	The role of microglia in mediating the effect of the environment in brain plasticity and behavior. <i>Frontiers in Cellular Neuroscience</i> , 2014, 8, 390.	3.7	31
57	Microglial-glucocorticoid receptor depletion alters the response of hippocampal microglia and neurons in a chronic unpredictable mild stress paradigm in female mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 423-439.	4.1	31
58	Effects of Spatial and Cognitive Enrichment on Activity Pattern and Learning Performance in Three Strains of Mice in the IntelliMaze. <i>Behavior Genetics</i> , 2012, 42, 449-460.	2.1	28
59	Scopolamine effects on ultrasonic vocalization emission and behavior in the neonatal mouse. <i>Behavioural Brain Research</i> , 2004, 151, 9-16.	2.2	26
60	Higher baseline interleukin-1 β and TNF- α hamper antidepressant response in major depressive disorder. <i>European Neuropsychopharmacology</i> , 2021, 42, 35-44.	0.7	25
61	Birth spacing in the mouse communal nest shapes adult emotional and social behavior. <i>Physiology and Behavior</i> , 2009, 96, 532-539.	2.1	24
62	Predicting antidepressant treatment outcome based on socioeconomic status and citalopram dose. <i>Pharmacogenomics Journal</i> , 2019, 19, 538-546.	2.0	23
63	Daily serum and salivary BDNF levels correlate with morning-evening personality type in women and are affected by light therapy. <i>Rivista Di Psichiatria</i> , 2012, 47, 527-34.	0.6	23
64	Analysis of Ultrasonic Vocalizations Emitted by Infant Rodents. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2006, 30, Unit13.12.	1.1	21
65	Shaping therapeutic trajectories in mental health: Instructive vs. permissive causality. <i>European Neuropsychopharmacology</i> , 2021, 43, 1-9.	0.7	19
66	Viewpoint European COVID-19 exit strategy for people with severe mental disorders: Too little, but not yet too late. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 15-17.	4.1	17
67	The richness of social stimuli shapes developmental trajectories: Are laboratory mouse pups impoverished?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2011, 35, 1452-1460.	4.8	16
68	Refining learning and memory assessment in laboratory rodents. An ethological perspective. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2004, 40, 231-6.	0.4	16
69	Neurobehavioral Effects of Prenatal Lamivudine (3TC) Exposure in Prewaning Mice. <i>Neurotoxicology and Teratology</i> , 1999, 21, 365-373.	2.4	15
70	NGF: A social molecule. <i>Psychoneuroendocrinology</i> , 2006, 31, 295-296.	2.7	15
71	Long-term effects of prenatal 3'-azido-3'-deoxythymidine (AZT) exposure on intermale aggressive behaviour of mice. <i>Psychopharmacology</i> , 1999, 145, 317-323.	3.1	12
72	Prenatal exposure to anti-HIV drugs. <i>Neurotoxicology and Teratology</i> , 2000, 22, 369-379.	2.4	12

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73	Selecting antidepressants according to a drug-by-environment interaction: A comparison of fluoxetine and minocycline effects in mice living either in enriched or stressful conditions. <i>Behavioural Brain Research</i> , 2021, 408, 113256.	2.2	11
74	Utilisation of a physically-enriched environment by laboratory mice: age and gender differences. <i>Applied Animal Behaviour Science</i> , 2004, 88, 149-162.	1.9	10
75	Recentring neuroscience on behavior: The interface between brain and environment is a privileged level of control of neural activity. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104678.	6.1	10
76	l-DOPA reverses the impairment of Dentate Gyrus LTD in experimental parkinsonism via β -adrenergic receptors. <i>Experimental Neurology</i> , 2014, 261, 377-385.	4.1	9
77	Time moderates the interplay between 5-HTTLPR and stress on depression risk: gene x environment interaction as a dynamic process. <i>Translational Psychiatry</i> , 2022, 12, .	4.8	9
78	Plasticity in mental health: A network theory. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 138, 104691.	6.1	8
79	A new easy accessible and low-cost method for screening olfactory sensitivity in mice: Behavioural and nociceptive response in male and female CD-1 mice upon exposure to millipede aversive odour. <i>Brain Research Bulletin</i> , 2002, 58, 193-202.	3.0	7
80	Hippocampus-related effects of fluoxetine treatment under stressful vs enriched conditions. <i>Molecular Psychiatry</i> , 2017, 22, 483-483.	7.9	6
81	Quantitative and Qualitative Features of Neonatal Vocalizations in Mice. <i>Handbook of Behavioral Neuroscience</i> , 2018, , 139-147.	0.7	6
82	Ontogeny of Stable Individual Differences. , 2013, , 278-316.		5
83	The Intellicage system provides a reproducible and standardized method to assess behavioral changes in cuprizone-induced demyelination mouse model. <i>Behavioural Brain Research</i> , 2021, 400, 113039.	2.2	4
84	Vocal repertoire in mouse pups: strain differences. <i>Handbook of Behavioral Neuroscience</i> , 2010, , 89-95.	0.7	4
85	In search of the biological basis of mood disorders: Exploring out of the mainstream. <i>Psychoneuroendocrinology</i> , 2011, 36, 305-307.	2.7	3
86	Active and passive avoidance. , 2013, , 291-298.		3
87	Adiponectin predicts poor response to antidepressant drugs in major depressive disorder. <i>Human Psychopharmacology</i> , 2021, 36, e2793.	1.5	3
88	An evolutionary perspective for contemporary psychiatric research. <i>Rivista Di Psichiatria</i> , 2011, 46, 288-91.	0.6	1
89	Overview of Behavioral Teratology. , 2005, Chapter 13, Unit13.7.		0
90	Scoring Learning and Memory in Developing Rodents. <i>Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al]</i> , 2006, 27, Unit13.11.	1.1	0

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91	P.2.b.018 Mouse communal nest: early social enrichment blunts adult depression-like phenotype altering BDNF epigenetic structure. <i>European Neuropsychopharmacology</i> , 2010, 20, S363-S364.	0.7	0
92	Beneficial and Adverse Consequences of Increased Brain Plasticity: the Interplay Among Serotonin, Susceptibility to the Environment and Depression. <i>European Psychiatry</i> , 2015, 30, 36.	0.2	0
93	SSRI treatment outcome is driven by the quality of the living environment. <i>European Neuropsychopharmacology</i> , 2016, 26, S133.	0.7	0