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List of Publications by Year
in descending order

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Version: 2024-02-01

106	5,487	53660	85405
papers	citations	45 h-index	71 g-index

108	108	108	8904
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The mood-improving actions of antidepressants do not depend on neurogenesis but are associated with neuronal remodeling. Molecular Psychiatry, 2009, 14, 764-773.	4.1	476
2	A trans-dimensional approach to the behavioral aspects of depression. Frontiers in Behavioral Neuroscience, 2009, 3, 1.	1.0	243
3	Magnitude and distribution of linkage disequilibrium in population isolates and implications for genome-wide association studies. Nature Genetics, 2006, 38, 556-560.	9.4	227
4	Bloodâ€“brain-barriers in aging and in Alzheimerâ€™s disease. Molecular Neurodegeneration, 2013, 8, 38.	4.4	222
5	Telephone-based screening tools for mild cognitive impairment and dementia in aging studies: a review of validated instruments. Frontiers in Aging Neuroscience, 2014, 6, 16.	1.7	143
6	Stress-induced changes in human decision-making are reversible. Translational Psychiatry, 2012, 2, e131-e131.	2.4	139
7	From the periphery to the brain: Lipocalin-2, a friend or foe?. Progress in Neurobiology, 2015, 131, 120-136.	2.8	132
8	IL-10 modulates depressive-like behavior. Journal of Psychiatric Research, 2008, 43, 89-97.	1.5	121
9	Proinflammatory and anti-inflammatory cytokines in the CSF of patients with Alzheimer's disease and their correlation with cognitive decline. Neurobiology of Aging, 2019, 76, 125-132.	1.5	121
10	Transthyretin is involved in depression-like behaviour and exploratory activity. Journal of Neurochemistry, 2004, 88, 1052-1058.	2.1	111
11	Stress-induced anhedonia is associated with hypertrophy of medium spiny neurons of the nucleus accumbens. Translational Psychiatry, 2013, 3, e266-e266.	2.4	107
12	Transthyretin as a Thyroid Hormone Carrier: Function Revisited. Clinical Chemistry and Laboratory Medicine, 2002, 40, 1292-300.	1.4	105
13	Stress Impact on Resting State Brain Networks. PLoS ONE, 2013, 8, e66500.	1.1	105
14	Evidence for Early Cytotoxic Aggregates in Transgenic Mice for Human Transthyretin Leu55Pro. American Journal of Pathology, 2002, 161, 1935-1948.	1.9	98
15	Transthyretin and Alzheimer's disease: Where in the brain?. Neurobiology of Aging, 2007, 28, 713-718.	1.5	97
16	Kinetic Profile of the Transcriptome Changes Induced in the Choroid Plexus by Peripheral Inflammation. Journal of Cerebral Blood Flow and Metabolism, 2009, 29, 921-932.	2.4	95
17	Transcriptome signature of the adult mouse choroid plexus. Fluids and Barriers of the CNS, 2011, 8, 10.	2.4	88
18	Stressed brain, diseased heart: A review on the pathophysiologic mechanisms of neurocardiology. International Journal of Cardiology, 2013, 166, 30-37.	0.8	84

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19	Lipocalin 2 is a Choroid Plexus Acute-Phase Protein. Journal of Cerebral Blood Flow and Metabolism, 2008, 28, 450-455.	2.4	80
20	Hippocampal neurogenesis induced by antidepressant drugs: an epiphenomenon in their mood-improving actions. Molecular Psychiatry, 2009, 14, 739-739.	4.1	79
21	The path from the choroid plexus to the subventricular zone: go with the flow!. Frontiers in Cellular Neuroscience, 2012, 6, 34.	1.8	79
22	Lipocalin 2 is present in the EAE brain and is modulated by natalizumab. Frontiers in Cellular Neuroscience, 2012, 6, 33.	1.8	78
23	The choroid plexus in health and in disease: dialogues into and out of the brain. Neurobiology of Disease, 2017, 107, 32-40.	2.1	77
24	Altered Iron Metabolism Is Part of the Choroid Plexus Response to Peripheral Inflammation. Endocrinology, 2009, 150, 2822-2828.	1.4	70
25	Lipocalin-2 is involved in emotional behaviors and cognitive function. Frontiers in Cellular Neuroscience, 2013, 7, 122.	1.8	69
26	Interleukin-10: A Key Cytokine in Depression?. Cardiovascular Psychiatry and Neurology, 2009, 2009, 1-5.	0.8	68
27	Revisiting Thyroid Hormones in Schizophrenia. Journal of Thyroid Research, 2012, 2012, 1-15.	0.5	67
28	Transthyretin Regulates Thyroid Hormone Levels in the Choroid Plexus, But Not in the Brain Parenchyma: Study in a Transthyretin-Null Mouse Model*. Endocrinology, 2000, 141, 3267-3272.	1.4	65
29	Induction of a Hyperanxious State by Antenatal Dexamethasone: A Case for Less Detrimental Natural Corticosteroids. Biological Psychiatry, 2006, 59, 844-852.	0.7	65
30	The Behavioral and Immunological Impact of Maternal Separation: A Matter of Timing. Frontiers in Behavioral Neuroscience, 2014, 8, 192.	1.0	63
31	Transthyretin influences spatial reference memory. Neurobiology of Learning and Memory, 2007, 88, 381-385.	1.0	61
32	Psychomotor Development of Children from an Iodine-Deficient Region. Journal of Pediatrics, 2011, 159, 447-453.	0.9	61
33	The choroid plexus response to a repeated peripheral inflammatory stimulus. BMC Neuroscience, 2009, 10, 135.	0.8	60
34	The choroid plexus transcriptome reveals changes in type I and II interferon responses in a mouse model of Alzheimerâ€™s disease. Brain, Behavior, and Immunity, 2015, 49, 280-292.	2.0	60
35	Mechanisms of initiation and reversal of drug-seeking behavior induced by prenatal exposure to glucocorticoids. Molecular Psychiatry, 2012, 17, 1295-1305.	4.1	59
36	Lipocalin 2 modulates the cellular response to amyloid beta. Cell Death and Differentiation, 2014, 21, 1588-1599.	5.0	59

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37	Mood is a key determinant of cognitive performance in community-dwelling older adults: a cross-sectional analysis. Age, 2013, 35, 1983-1993.	3.0	58
38	Innate immune response is differentially dysregulated between bipolar disease and schizophrenia. Schizophrenia Research, 2015, 161, 215-221.	1.1	58
39	The effect of high-fat diet on ratâ€™s mood, feeding behavior and response to stress. Translational Psychiatry, 2015, 5, e684-e684.	2.4	56
40	4â€²-Iodo-4â€²-Deoxydoxorubicin Disrupts the Fibrillar Structure of Transthyretin Amyloid. American Journal of Pathology, 2000, 156, 1919-1925.	1.9	55
41	Clinical, physical and lifestyle variables and relationship with cognition and mood in aging: a cross-sectional analysis of distinct educational groups. Frontiers in Aging Neuroscience, 2014, 6, 21.	1.7	54
42	Thyroid hormone distribution in the mouse brain: the role of transthyretin. Neuroscience, 2002, 113, 837-847.	1.1	51
43	Thyroid hormones and retinoids: A possible link between genes and environment in schizophrenia. Brain Research Reviews, 2006, 51, 61-71.	9.1	51
44	The role of sex and sex-related hormones in cognition, mood and well-being in older men and women. Biological Psychology, 2014, 103, 158-166.	1.1	49
45	The choroid plexus response to peripheral inflammatory stimulus. Neuroscience, 2007, 144, 424-430.	1.1	47
46	Association of the gene encoding neurogranin with schizophrenia in males. Journal of Psychiatric Research, 2008, 42, 125-133.	1.5	45
47	Co-expression network of neural-differentiation genes shows specific pattern in schizophrenia. BMC Medical Genomics, 2015, 8, 23.	0.7	45
48	Iodine Status of Pregnant Women and Their Progeny in the Minho Region of Portugal. Thyroid, 2009, 19, 157-163.	2.4	44
49	Lipocalin-2 regulates adult neurogenesis and contextual discriminative behaviours. Molecular Psychiatry, 2018, 23, 1031-1039.	4.1	44
50	Modulation of iron metabolism in aging and in Alzheimer's disease: relevance of the choroid plexus. Frontiers in Cellular Neuroscience, 2012, 6, 25.	1.8	40
51	The choroid plexus as a sex hormone target: Functional implications. Frontiers in Neuroendocrinology, 2017, 44, 103-121.	2.5	40
52	The Use of Bayesian Latent Class Cluster Models to Classify Patterns of Cognitive Performance in Healthy Ageing. PLoS ONE, 2013, 8, e71940.	1.1	37
53	Parameters of Thyroid Function Throughout and After Pregnancy in an Iodine-Deficient Population. Thyroid, 2010, 20, 995-1001.	2.4	36
54	Day and night: diurnal phase influences the response to chronic mild stress. Frontiers in Behavioral Neuroscience, 2014, 8, 82.	1.0	33

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55	Patterns of Cognitive Performance in Healthy Ageing in Northern Portugal: A Cross-Sectional Analysis. PLoS ONE, 2011, 6, e24553.	1.1	32
56	Plasticity of resting state brain networks in recovery from stress. Frontiers in Human Neuroscience, 2013, 7, 919.	1.0	32
57	Structure of the Val122Ile Variant Transthyretin â€“ a Cardiomyopathic Mutant. Acta Crystallographica Section D: Biological Crystallography, 1996, 52, 966-972.	2.5	31
58	The Adhesion GPCR GPR125 is specifically expressed in the choroid plexus and is upregulated following brain injury. BMC Neuroscience, 2008, 9, 97.	0.8	31
59	Structural and molecular correlates of cognitive aging in the rat. Scientific Reports, 2019, 9, 2005.	1.6	31
60	Tag SNPs chosen from HapMap perform well in several population isolates. Genetic Epidemiology, 2007, 31, 189-194.	0.6	30
61	Transthyretin gene in Alzheimer's disease patients. Neuroscience Letters, 1996, 204, 212-214.	1.0	29
62	Glucose intolerance after chronic stress is related with downregulated PPAR-Î³ in adipose tissue. Cardiovascular Diabetology, 2016, 15, 114.	2.7	28
63	Thyroxine binding in a TTR Met 119 kindred. Journal of Clinical Endocrinology and Metabolism, 1993, 77, 484-488.	1.8	26
64	Linkage Disequilibrium and Haplotype Homozygosity in Population Samples Genotyped at a High Marker Density. Human Heredity, 2006, 62, 175-189.	0.4	25
65	Neudesin is involved in anxiety behavior: structural and neurochemical correlates. Frontiers in Behavioral Neuroscience, 2013, 7, 119.	1.0	25
66	Transthyretin Regulates Thyroid Hormone Levels in the Choroid Plexus, But Not in the Brain Parenchyma: Study in a Transthyretin-Null Mouse Model. , 0, .		24
67	Assessing Cognitive Function in Older Adults Using a Videoconference Approach. EBioMedicine, 2016, 11, 278-284.	2.7	23
68	Decreased serum neurotrophin 3 in chronically medicated schizophrenic males. Neuroscience Letters, 2008, 440, 197-201.	1.0	22
69	Effector memory CD4 ⁺ T cells are associated with cognitive performance in a senior population. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e54.	3.1	22
70	Transthyretin is not necessary for thyroid hormone metabolism in conditions of increased hormone demand. Journal of Endocrinology, 2005, 187, 257-266.	1.2	21
71	Do genes and environment meet to regulate cerebrospinal fluid dynamics? Relevance for schizophrenia. Frontiers in Cellular Neuroscience, 2012, 6, 31.	1.8	21
72	Interplay between Depressive-Like Behavior and the Immune System in an Animal Model of Prenatal Dexamethasone Administration. Frontiers in Behavioral Neuroscience, 2011, 5, 4.	1.0	20

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73	Antibody recognition of amyloidogenic transthyretin variants in serum of patients with familial amyloidotic polyneuropathy. Journal of Molecular Medicine, 2001, 78, 703-707.	1.7	18
74	Applicability of the Telephone Interview for Cognitive Status (Modified) in a community sample with low education level: association with an extensive neuropsychological battery. International Journal of Geriatric Psychiatry, 2016, 31, 128-136.	1.3	16
75	Gene expression of peripheral blood lymphocytes may discriminate patients with schizophrenia from controls. Psychiatry Research, 2012, 200, 1018-1021.	1.7	15
76	Adult Body Height Is a Good Predictor of Different Dimensions of Cognitive Function in Aged Individuals: A Cross-Sectional Study. Frontiers in Aging Neuroscience, 2016, 8, 217.	1.7	14
77	Topographical Analysis of the Subependymal Zone Neurogenic Niche. PLoS ONE, 2012, 7, e38647.	1.1	13
78	Iron Status is Associated with Mood, Cognition, and Functional Ability in Older Adults: A Cross-Sectional Study. Nutrients, 2020, 12, 3594.	1.7	13
79	Cognition Is Associated With Peripheral Immune Molecules in Healthy Older Adults: A Cross-Sectional Study. Frontiers in Immunology, 2020, 11, 2045.	2.2	13
80	Cortical maturation in fetuses referred for â€˜isolatedâ€™ mild ventriculomegaly: a longitudinal ultrasound assessment. Prenatal Diagnosis, 2012, 32, 1273-1281.	1.1	12
81	NR4A2 and schizophrenia: Lack of association in a Portuguese/Brazilian study. American Journal of Medical Genetics Part A, 2004, 128B, 41-45.	2.4	11
82	The role of threeâ€dimensional imaging reconstruction to measure the corpus callosum: comparison with direct midâ€sagittal views. Prenatal Diagnosis, 2011, 31, 875-880.	1.1	11
83	Family-based and case-control studies reveal no association oflipocalin-type prostaglandin D2 synthase with schizophrenia. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2007, 144B, 642-646.	1.1	9
84	Exploring Female Mice Interstrain Differences Relevant for Models of Depression. Frontiers in Behavioral Neuroscience, 2015, 9, 335.	1.0	9
85	Adult Hippocampal Neurogenesis Modulation by the Membrane-Associated Progesterone Receptor Family Member Neudesin. Frontiers in Cellular Neuroscience, 2018, 12, 463.	1.8	9
86	The Absence of Transthyretin does not Impair Regulation of Lipid and Glucose Metabolism. Hormone and Metabolic Research, 2007, 39, 529-533.	0.7	8
87	Transthyretin: No association between serum levels or gene variants and schizophrenia. Journal of Psychiatric Research, 2007, 41, 667-672.	1.5	8
88	Impact of iodine supplementation during preconception, pregnancy and lactation on maternal thyroid homeostasis and offspring psychomotor development: protocol of the IodineMinho prospective study. BMC Pregnancy and Childbirth, 2020, 20, 693.	0.9	7
89	Toward a science-based testing strategy to identify maternal thyroid hormone imbalance and neurodevelopmental effects in the progeny â€“ part I: which parameters from human studies are most relevant for toxicological assessments?. Critical Reviews in Toxicology, 2020, 50, 740-763.	1.9	7
90	25-OH Vitamin D Levels and Cognitive Performance: Longitudinal Assessment in a Healthy Aging Cohort. Frontiers in Aging Neuroscience, 2019, 11, 330.	1.7	6

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91	Are the 50â€™s, the transition decade, in choroid plexus aging?. GeroScience, 2021, 43, 225-237.	2.1	6
92	Hormone-Mediated Gene Regulation and Bioinformatics: Learning One from the Other. PLoS ONE, 2007, 2, e481.	1.1	4
93	The moderator effect of age in the association between mood and adiposity in the elderly is specific for the subcutaneous adipose compartment: An MRI study. International Journal of Geriatric Psychiatry, 2020, 35, 113-121.	1.3	4
94	Age-Related Sexual Dimorphism on the Longitudinal Progression of Blood Immune Cells in BALB/cByJ Mice. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 883-891.	1.7	4
95	Longitudinal evaluation, acceptability and long-term retention of knowledge on a horizontally integrated organic and functional systems course. Perspectives on Medical Education, 2015, 4, 191-195.	1.8	3
96	Association Between Iron-Related Protein Lipocalin 2 and Cognitive Impairment in Cerebrospinal Fluid and Serum. Frontiers in Aging Neuroscience, 2021, 13, 663837.	1.7	3
97	The Association of Metabolic Dysfunction and Mood Across Lifespan Interacts With the Default Mode Network Functional Connectivity. Frontiers in Aging Neuroscience, 2021, 13, 618623.	1.7	3
98	Unbiased Stereological Method to Assess Proliferation Throughout the Subependymal Zone. Methods in Molecular Biology, 2013, 1035, 141-152.	0.4	3
99	The relevance of the brain in the diseased heart: Authors' response. International Journal of Cardiology, 2013, 168, 5095.	0.8	2
100	C for T substitution at codon 108: the first identified silent mutation in the transthyretin gene. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 1997, 4, 52-53.	1.4	1
101	LETTERS TO THE EDITOR. Toxicology and Applied Pharmacology, 1997, 144, 204.	1.3	1
102	Teaching the extracellular matrix and introducing online databases within a multidisciplinary course with iâ€cellâ€MATRIX. Biochemistry and Molecular Biology Education, 2010, 38, 79-84.	0.5	1
103	Strategies for remote assessment of medical students at University of Minho. Medical Education, 2020, 54, 1074-1075.	1.1	1
104	What Have We Learned from Transthyretin-Null Mice: Novel Functions for Transthyretin?. , 2009, , 281-295.		1
105	Iodine supplementation: compliance and association with adverse obstetric and neonatal outcomes. European Thyroid Journal, 2022, 11, .	1.2	1
106	Hormone mediated nuclear effects and bioinformatics: learning one from the other. FASEB Journal, 2006, 20, A975.	0.2	0