

Natalia Pessoa Rocha

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

3,333
citations

159358

30
h-index

189595

50
g-index

119
all docs

119
docs citations

119
times ranked

6010
citing authors

#	ARTICLE	IF	CITATIONS
1	The Anti-Inflammatory Potential of ACE2/Angiotensin-(1-7)/Mas Receptor Axis: Evidence from Basic and Clinical Research. <i>Current Drug Targets</i> , 2017, 18, 1301-1313.	1.0	251
2	Insights into Neuroinflammation in Parkinson's Disease: From Biomarkers to Anti-Inflammatory Based Therapies. <i>BioMed Research International</i> , 2015, 2015, 1-12.	0.9	160
3	Decreased Levels of Circulating Adiponectin in Mild Cognitive Impairment and Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2013, 15, 115-121.	1.8	119
4	Increased plasma levels of BDNF and inflammatory markers in Alzheimer's disease. <i>Journal of Psychiatric Research</i> , 2014, 53, 166-172.	1.5	110
5	Executive dysfunction in euthymic bipolar disorder patients and its association with plasma biomarkers. <i>Journal of Affective Disorders</i> , 2012, 137, 151-155.	2.0	97
6	Renin angiotensin system in liver diseases: Friend or foe?. <i>World Journal of Gastroenterology</i> , 2017, 23, 3396.	1.4	84
7	Revisiting the Role of Eotaxin-1/CCL11 in Psychiatric Disorders. <i>Frontiers in Psychiatry</i> , 2018, 9, 241.	1.3	83
8	Chemokines in bipolar disorder: Trait or state?. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2013, 263, 159-165.	1.8	78
9	Neuroimmunology of Huntington's Disease: Revisiting Evidence from Human Studies. <i>Mediators of Inflammation</i> , 2016, 2016, 1-10.	1.4	75
10	Reduced serum levels of adiponectin in elderly patients with major depression. <i>Journal of Psychiatric Research</i> , 2012, 46, 1081-1085.	1.5	74
11	Increased levels of adipokines in bipolar disorder. <i>Journal of Psychiatric Research</i> , 2012, 46, 389-393.	1.5	72
12	Absence of gut microbiota influences lipopolysaccharide-induced behavioral changes in mice. <i>Behavioural Brain Research</i> , 2016, 312, 186-194.	1.2	66
13	Circulating levels of GDNF in bipolar disorder. <i>Neuroscience Letters</i> , 2011, 502, 103-106.	1.0	64
14	Monocyte and Lymphocyte Activation in Bipolar Disorder: A New Piece in the Puzzle of Immune Dysfunction in Mood Disorders. <i>International Journal of Neuropsychopharmacology</i> , 2015, 18, pyu021-pyu021.	1.0	63
15	Effects of Physical Exercise on Plasma Levels of Brain-Derived Neurotrophic Factor and Depressive Symptoms in Elderly Women: A Randomized Clinical Trial. <i>Archives of Physical Medicine and Rehabilitation</i> , 2013, 94, 1443-1450.	0.5	61
16	IL-6 serum levels are elevated in Parkinson's disease patients with fatigue compared to patients without fatigue. <i>Journal of the Neurological Sciences</i> , 2016, 370, 153-156.	0.3	61
17	Is there any association between <i>Toxoplasma gondii</i> infection and bipolar disorder? A systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2017, 209, 59-65.	2.0	59
18	Neurotrophic factors in obsessive-compulsive disorder. <i>Psychiatry Research</i> , 2012, 199, 195-200.	1.7	58

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19	Neuropsychiatric Disorders in Chronic Kidney Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 932.	1.6	58
20	Plasma levels of soluble tumor necrosis factor receptors are associated with cognitive performance in Parkinson's disease. <i>Movement Disorders</i> , 2014, 29, 527-531.	2.2	53
21	Lower Cerebrospinal Fluid Concentration of Brain-Derived Neurotrophic Factor Predicts Progression from Mild Cognitive Impairment to Alzheimer's Disease. <i>NeuroMolecular Medicine</i> , 2015, 17, 326-332.	1.8	50
22	Increased serum levels of eotaxin/CCL11 in late-stage patients with bipolar disorder: An accelerated aging biomarker?. <i>Journal of Affective Disorders</i> , 2015, 182, 64-69.	2.0	47
23	Further evidence for an anti-inflammatory role of artesunate in experimental cerebral malaria. <i>Malaria Journal</i> , 2013, 12, 388.	0.8	46
24	Depression and Cognitive Impairment in Parkinson's Disease: A Role for Inflammation and Immunomodulation?. <i>NeuroImmunoModulation</i> , 2014, 21, 88-94.	0.9	45
25	RAS in the Central Nervous System: Potential Role in Neuropsychiatric Disorders. <i>Current Medicinal Chemistry</i> , 2018, 25, 3333-3352.	1.2	42
26	Reduced Activated T Lymphocytes (CD4+CD25+) and Plasma Levels of Cytokines in Parkinson's Disease. <i>Molecular Neurobiology</i> , 2018, 55, 1488-1497.	1.9	39
27	Altered intracellular signaling cascades in peripheral blood mononuclear cells from BD patients. <i>Journal of Psychiatric Research</i> , 2013, 47, 1949-1954.	1.5	37
28	Circulating levels of sTNFR1 as a marker of severe clinical course in schizophrenia. <i>Journal of Psychiatric Research</i> , 2013, 47, 467-471.	1.5	32
29	Increased BDNF Levels in Long-term Bipolar Disorder Patients. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, 67-69.	0.9	32
30	Neurotrophic Factors in Parkinson's Disease: What Have we Learned from Pre-Clinical and Clinical Studies?. <i>Current Medicinal Chemistry</i> , 2018, 25, 3682-3702.	1.2	32
31	Changes in Adipokine Levels in Autism Spectrum Disorders. <i>Neuropsychobiology</i> , 2014, 69, 6-10.	0.9	30
32	Microglia Activation in Basal Ganglia Is a Late Event in Huntington Disease Pathophysiology. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	3.1	30
33	Peripheral blood mono-nuclear cells derived from Alzheimer's disease patients show elevated baseline levels of secreted cytokines but resist stimulation with β -amyloid peptide. <i>Molecular and Cellular Neurosciences</i> , 2012, 49, 77-84.	1.0	29
34	TNF- α , IL6, and IL10 polymorphisms and the effect of physical exercise on inflammatory parameters and physical performance in elderly women. <i>Age</i> , 2013, 35, 2455-2463.	3.0	29
35	Increased interictal serum levels of CXCL8/IL-8 and CCL3/MIP-1 α in migraine. <i>Neurological Sciences</i> , 2015, 36, 203-208.	0.9	29
36	Cognitive Status Correlates with CXCL10/IP-10 Levels in Parkinson's Disease. <i>Parkinson's Disease</i> , 2014, 1-7.	0.6	28

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37	Predictors of cognitive performance in bipolar disorder: The role of educational degree and inflammatory markers. <i>Journal of Psychiatric Research</i> , 2018, 106, 31-37.	1.5	28
38	Increased serum levels of adiponectin in migraine. <i>Journal of the Neurological Sciences</i> , 2014, 342, 186-188.	0.3	27
39	Evidence for the contribution of adult neurogenesis and hippocampal cell death in experimental cerebral malaria cognitive outcome. <i>Neuroscience</i> , 2015, 284, 920-933.	1.1	27
40	Peripheral levels of angiotensins are associated with depressive symptoms in Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2016, 368, 235-239.	0.3	26
41	A Neuroprotective Effect of the Glutamate Receptor Antagonist MK801 on Long-Term Cognitive and Behavioral Outcomes Secondary to Experimental Cerebral Malaria. <i>Molecular Neurobiology</i> , 2017, 54, 7063-7082.	1.9	25
42	The astrocyte marker Aldh1L1 does not reliably label enteric glial cells. <i>Neuroscience Letters</i> , 2014, 566, 102-105.	1.0	23
43	Increased serum levels of interleukin-8 in patients with tension-type headache. <i>Cephalalgia</i> , 2015, 35, 801-806.	1.8	23
44	Revisiting the neuropsychiatry of Huntington's disease. <i>Dementia E Neuropsychologia</i> , 2016, 10, 261-266.	0.3	23
45	The Clinical Picture of Psychosis in Manifest Huntington's Disease: A Comprehensive Analysis of the Enroll-HD Database. <i>Frontiers in Neurology</i> , 2018, 9, 930.	1.1	23
46	The Effect of Transcranial Direct Current Stimulation on Inflammation in Older Adults With Knee Osteoarthritis: A Bayesian Residual Change Analysis. <i>Biological Research for Nursing</i> , 2020, 22, 57-63.	1.0	23
47	Lower circulating levels of angiotensin-converting enzyme (ACE) in patients with schizophrenia. <i>Schizophrenia Research</i> , 2018, 202, 50-54.	1.1	22
48	Early changes in adipokines from overweight to obesity in children and adolescents. <i>Jornal De Pediatria</i> , 2016, 92, 624-630.	0.9	21
49	Muscle strength and psychiatric symptoms influence health-related quality of life in patients with myasthenia gravis. <i>Journal of Clinical Neuroscience</i> , 2018, 50, 41-44.	0.8	21
50	Irritability in Huntington's Disease. <i>Journal of Huntington's Disease</i> , 2020, 9, 107-113.	0.9	21
51	Sex Differences in Huntington's Disease: Evaluating the Enroll-HD Database. <i>Movement Disorders Clinical Practice</i> , 2021, 8, 420-426.	0.8	21
52	Disease-specific expression of the serotonin-receptor 5-HT2C in natural killer cells in Alzheimer's dementia. <i>Journal of Neuroimmunology</i> , 2012, 251, 73-79.	1.1	20
53	Migraine is associated with altered levels of neurotrophins. <i>Neuroscience Letters</i> , 2015, 587, 6-10.	1.0	20
54	Posterior urethral valve in fetuses: evidence for the role of inflammatory molecules. <i>Pediatric Nephrology</i> , 2017, 32, 1391-1400.	0.9	20

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55	Cannabinoid receptors on peripheral leukocytes from patients with schizophrenia: Evidence for defective immunomodulatory mechanisms. <i>Journal of Psychiatric Research</i> , 2017, 87, 44-52.	1.5	20
56	Inflammatory and neurotrophic factor plasma levels are related to epilepsy independently of etiology. <i>Epilepsia</i> , 2021, 62, 2385-2394.	2.6	20
57	Amphetamine Use in the Elderly: A Systematic Review of the Literature. <i>Current Neuropharmacology</i> , 2020, 18, 126-135.	1.4	20
58	Differences in eotaxin serum levels patients with recent onset and in chronic stable schizophrenia: A clue for understanding accelerating aging profile. <i>Schizophrenia Research</i> , 2014, 152, 528-529.	1.1	19
59	Serum levels of interleukin-33 and its soluble form receptor (sST2) are associated with cognitive performance in patients with schizophrenia. <i>Comprehensive Psychiatry</i> , 2017, 74, 96-101.	1.5	19
60	Clinical Predictors of Excessive Daytime Sleepiness in Patients with Parkinson's Disease. <i>Journal of</i>		

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73	Further evidence of accelerated aging in bipolar disorder: Focus on GDF-15. <i>Translational Neuroscience</i> , 2018, 9, 17-21.	0.7	13
74	Inflammatory changes in peripheral organs in the BACHD murine model of Huntington's disease. <i>Life Sciences</i> , 2019, 232, 116653.	2.0	13
75	Comparison of Inflammatory Mediators in Patients With Atrial Fibrillation Using Warfarin or Rivaroxaban. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 114.	1.1	13
76	Negative impact of high cumulative glucocorticoid dose on bone metabolism of patients with myasthenia gravis. <i>Neurological Sciences</i> , 2017, 38, 1405-1413.	0.9	12
77	ACE2 activator diminazene aceturate exerts renoprotective effects in gentamicin-induced acute renal injury in rats. <i>Clinical Science</i> , 2020, 134, 3093-3106.	1.8	12
78	Circulating levels of neurotrophic factors in autism spectrum disorders. <i>Neuroendocrinology Letters</i> , 2014, 35, 380-4.	0.2	12
79	Exploring the relationship between Endothelin-1 and peripheral inflammation in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2019, 326, 45-48.	1.1	11
80	Promises and pitfalls of immune-based strategies for Huntington's disease. <i>Neural Regeneration Research</i> , 2017, 12, 1422.	1.6	11
81	Body composition and adipokines plasma levels in patients with myasthenia gravis treated with high cumulative glucocorticoid dose. <i>Journal of the Neurological Sciences</i> , 2017, 381, 169-175.	0.3	10
82	Klotho dysfunction: A pathway linking the aging process to bipolar disorder?. <i>Journal of Psychiatric Research</i> , 2017, 95, 80-83.	1.5	10
83	Sleep Dysfunction in Huntington's Disease: Perspectives from Patients. <i>Journal of Huntington's Disease</i> , 2020, 9, 345-352.	0.9	9
84	Not All Inflammatory Biomarkers Are Elevated in Bipolar Disorder: Evidence for Procalcitonin. <i>Biological Psychiatry</i> , 2013, 74, e29-e30.	0.7	8
85	Decreased percentage of CD4+ lymphocytes expressing chemokine receptors in bipolar disorder. <i>Acta Neuropsychiatrica</i> , 2019, 31, 246-251.	1.0	8
86	Circulating levels of adipokines are altered in patients with temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2019, 90, 137-141.	0.9	8
87	The protective arm of the renin-angiotensin system may counteract the intense inflammatory process in fetuses with posterior urethral valves. <i>Jornal De Pediatria</i> , 2019, 95, 328-333.	0.9	8
88	Neuroinflammation in Alzheimer's Disease: Focus on NLRP1 and NLRP3 Inflammasomes. <i>Current Protein and Peptide Science</i> , 2021, 22, 584-598.	0.7	8
89	Characterization of an experimental model of progressive renal disease in rats. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 744-752.	0.3	7
90	Persistent Sydenham's chorea is not associated with sustained lymphocyte dysfunction. <i>Arquivos De Neuro-Psiquiatria</i> , 2016, 74, 5-9.	0.3	6

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91	Toxoplasma gondii infection and chronic schizophrenia: is there any association?. Revista De Psiquiatria Clínica, 2017, 44, 145-148.	0.6	6
92	Circulating levels of neurotrophic factors are unchanged in patients with Parkinson's disease. Arquivos De Neuro-Psiquiatria, 2018, 76, 310-315.	0.3	6
93	Neurotrophic factors in tension-type headache. Arquivos De Neuro-Psiquiatria, 2015, 73, 420-424.	0.3	5
94	Right hippocampus size is negatively correlated with leptin serum levels in bipolar disorder. Psychiatry Research, 2015, 230, 719-721.	1.7	5
95	Moving from the Dish to the Clinical Practice: A Decade of Lessons and Perspectives from the Pre-Clinical and Clinical Stem Cell Studies for Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 53, 1209-1230.	1.2	5
96	Anti-NMDAR antibodies as a new piece in schizophrenia's puzzle. Future Science OA, 2017, 3, FSO178.	0.9	5
97	Peripheral Levels of Renin-Angiotensin System Components Are Associated With Cognitive Performance in Huntington's Disease. Frontiers in Neuroscience, 2020, 14, 594945.	1.4	5
98	Acute exercise increases BDNF serum levels in patients with Parkinson's disease regardless of depression or fatigue. European Journal of Sport Science, 2022, 22, 1296-1303.	1.4	5
99	Urinary cytokine profiles according to the site of blockade of the renin-angiotensin system in nephrectomized rats. Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia, 2017, 39, 108-118.	0.4	5
100	Traumatic brain injury in Brazil: an epidemiological study and systematic review of the literature. Arquivos De Neuro-Psiquiatria, 2022, 80, 410-423.	0.3	5
101	Propriedades psicométricas da Escala de Responsividade Social-2 para Transtornos do Espectro Autista. Jornal Brasileiro De Psiquiatria, 2015, 64, 230-237.	0.2	4
102	Reduced serum levels of adiponectin in tension-type headache. Clinical Neurology and Neurosurgery, 2015, 131, 82-85.	0.6	4
103	Animal Models for the Study of Human Neurodegenerative Diseases. , 2017, , 1109-1129.		4
104	Tumor necrosis factor superfamily molecules are increased in behavioral variant frontotemporal dementia and correlate with cortical atrophy: An exploratory investigation. Journal of Neuroimmunology, 2021, 354, 577531.	1.1	4
105	The Relationship Between Plasma Oxytocin and Executive Functioning in Huntington's Disease: A Pilot Study. Journal of Huntington's Disease, 2021, 10, 349-354.	0.9	4
106	Clinical Correlates of Depression and Suicidality in Huntington Disease: An Analysis of the Enroll-HD Observational Study. Cognitive and Behavioral Neurology, 2022, 35, 85-94.	0.5	4
107	Serum levels of neurotrophic factors in active toxoplasmic retinochoroiditis. Brazilian Journal of Infectious Diseases, 2017, 21, 176-179.	0.3	3
108	Immunomodulatory Strategies for Huntington's Disease Treatment. CNS and Neurological Disorders - Drug Targets, 2018, 16, 936-944.	0.8	3

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109	Clinical correlates of social cognition after an ischemic stroke: preliminary findings. <i>Dementia E Neuropsychologia</i> , 2021, 15, 223-229.	0.3	3
110	Blood neuron cell-derived microparticles as potential biomarkers in Alzheimer's disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e77-e80.	1.4	2
111	Managing anxiety in Parkinson's disease: the role of nonpharmacological strategies. <i>Arquivos De Neuro-Psiquiatria</i> , 2018, 76, 497-498.	0.3	2
112	Renin-Angiotensin System in Huntington's Disease: Evidence from Animal Models and Human Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7686.	1.8	2
113	Editorial: The Role of the Renin-Angiotensin System in the Central Nervous System. <i>Frontiers in Neuroscience</i> , 2021, 15, 733084.	1.4	1
114	Neurotrophic Factors in Aging. , 2017, , 1628-1638.		1
115	Role of Oxysterols in the Activation of the NLRP3 Inflammasome as a Potential Pharmacological Approach in Alzheimer's Disease. <i>Current Neuropharmacology</i> , 2023, 21, 202-212.	1.4	1
116	Immunology of Obsessive-Compulsive and Related Disorders. , 2019, , 51-60.		0
117	Neurotrophic Factors in Aging. , 2016, , 1-11.		0