

Mal Gmez Tansey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

99
papers

5,102
citations

34
h-index

71
g-index

127
ext. papers

6,441
ext. citations

7.3
avg, IF

6.24
L-index

#	Paper	IF	Citations
99	Inflammation and immune dysfunction in Parkinson disease.. <i>Nature Reviews Immunology</i> , 2022 ,	36.5	23
98	Pathogenic tau recruits wild-type tau into brain inclusions and induces gut degeneration in transgenic SPAM mice.. <i>Communications Biology</i> , 2022 , 5, 446	6.7	
97	Is LRRK2 the missing link between inflammatory bowel disease and Parkinson's disease?. <i>Npj Parkinsons Disease</i> , 2021 , 7, 26	9.7	9
96	Poldip2 controls leukocyte infiltration into the ischemic brain by regulating focal adhesion kinase-mediated VCAM-1 induction. <i>Scientific Reports</i> , 2021 , 11, 5533	4.9	3
95	Gut microbiome differences between amyotrophic lateral sclerosis patients and spouse controls. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021 , 1-9	3.6	8
94	RNA-SEQ REVEALS HSP90 AS A REGULATOR FOR INTERLEUKIN 6-MEDIATED ACTIVATION OF NCC VIA THE MINERALOCORTICOID RECEPTOR. <i>Journal of Hypertension</i> , 2021 , 39, e49	1.9	
93	Inflammation-Related Factors Identified as Biomarkers of Dehydration and Subsequent Acute Kidney Injury in Agricultural Workers. <i>Biological Research for Nursing</i> , 2021 , 23, 676-688	2.6	2
92	Genetic and Environmental Factors in Parkinson's Disease Converge on Immune Function and Inflammation. <i>Movement Disorders</i> , 2021 , 36, 25-36	7	22
91	Adolescent stress sensitizes the adult neuroimmune transcriptome and leads to sex-specific microglial and behavioral phenotypes. <i>Neuropsychopharmacology</i> , 2021 , 46, 949-958	8.7	10
90	Relationships of gut microbiota, short-chain fatty acids, inflammation, and the gut barrier in Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2021 , 16, 6	19	54
89	TNF α increases tyrosine hydroxylase expression in human monocytes. <i>Npj Parkinsons Disease</i> , 2021 , 7, 62	9.7	1
88	Experimental colitis promotes sustained, sex-dependent, T-cell-associated neuroinflammation and parkinsonian neuropathology. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 139	7.3	11
87	Peripheral and central immune system crosstalk in Alzheimer disease - a research prospectus. <i>Nature Reviews Neurology</i> , 2021 , 17, 689-701	15	18
86	Assessing stimulation-dependent changes in LRRK2 and GCase expression/activity and convergence at the lysosome in cryopreserved monocytes.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 3, e054214	1.2	
85	The role of cannabinoid receptor 2 in microglial clearance of human tau.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 3, e054361	1.2	
84	The role of soluble TNF in mediating immune and metabolic alterations in a mouse model of amyloid-beta pathology.. <i>Alzheimers and Dementia</i> , 2021 , 17 Suppl 3, e055753	1.2	
83	Soluble TNF mediates high-fat and high-carbohydrate diet-induced inflammation, alterations in peripheral blood and brain immunophenotype, and gut microbiome in a mouse model of amyloid pathology. <i>Alzheimers and Dementia</i> , 2020 , 16, e040436	1.2	

82	Loss of progranulin leads to dysregulation of innate and adaptive immune cell populations, increased susceptibility to experimental colitis, and brain infiltration of peripheral immune cells. <i>Alzheimers and Dementia</i> , 2020 , 16, e042177	1.2	
81	Synaptoprotective effects of the novel TNF inhibitor XPRO1595 in 5xFAD mice: Interactions between Western diet and sex. <i>Alzheimers and Dementia</i> , 2020 , 16, e043621	1.2	
80	Top-line data from a phase 1b biomarker-directed, proof of biology study in Alzheimer's patients treated with XPRO1595, a second-generation treatment for immune dysfunction. <i>Alzheimers and Dementia</i> , 2020 , 16, e046037	1.2	
79	Lysosome and Inflammatory Defects in GBA1-Mutant Astrocytes Are Normalized by LRRK2 Inhibition. <i>Movement Disorders</i> , 2020 , 35, 760-773	7	39
78	Molecular Signatures of Neuroinflammation Induced by β Synuclein Aggregates in Microglial Cells. <i>Frontiers in Immunology</i> , 2020 , 11, 33	8.4	31
77	Microglial Phenotypes and Their Relationship to the Cannabinoid System: Therapeutic Implications for Parkinson's Disease. <i>Molecules</i> , 2020 , 25,	4.8	14
76	Interleukin-6 Induced Differential Gene Expression in mDCT15 Cells. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
75	Molecular signatures of neuroinflammation induced by β Synuclein aggregates in microglial cells. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
74	LRRK2 at the Interface Between Peripheral and Central Immune Function in Parkinson's. <i>Frontiers in Neuroscience</i> , 2020 , 14, 443	5.1	21
73	Linking mitochondria to the immune response. <i>ELife</i> , 2020 , 9,	8.9	3
72	Chimeric Peptide Species Contribute to Divergent Dipeptide Repeat Pathology in c9ALS/FTD and SCA36. <i>Neuron</i> , 2020 , 107, 292-305.e6	13.9	25
71	Characterization of a Cul9-Parkin double knockout mouse model for Parkinson's disease. <i>Scientific Reports</i> , 2020 , 10, 16886	4.9	0
70	Microglia, inflammation and gut microbiota responses in a progressive monkey model of Parkinson's disease: A case series. <i>Neurobiology of Disease</i> , 2020 , 144, 105027	7.5	16
69	Transgenic Mice Expressing Human β Synuclein in Noradrenergic Neurons Develop Locus Ceruleus Pathology and Nonmotor Features of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2020 , 40, 7559-7576	6.6	8
68	The gut microbiome and neuroinflammation in amyotrophic lateral sclerosis? Emerging clinical evidence. <i>Neurobiology of Disease</i> , 2020 , 135, 104300	7.5	4
67	What does plasma CRP tell us about peripheral and central inflammation in depression?. <i>Molecular Psychiatry</i> , 2020 , 25, 1301-1311	15.1	131
66	Interactions Between Commensal Bacteria and Enteric Neurons, via FPR1 Induction of ROS, Increase Gastrointestinal Motility in Mice. <i>Gastroenterology</i> , 2019 , 157, 179-192.e2	13.3	33
65	The second generation mixed lineage kinase-3 (MLK3) inhibitor CLFB-1134 protects against neurotoxin-induced nigral dopaminergic neuron loss. <i>Experimental Neurology</i> , 2019 , 318, 157-164	5.7	3

64	Spinal Motor Circuit Synaptic Plasticity after Peripheral Nerve Injury Depends on Microglia Activation and a CCR2 Mechanism. <i>Journal of Neuroscience</i> , 2019 , 39, 3412-3433	6.6	19
63	Chronic psychological stress during adolescence induces sex-dependent adulthood inflammation, increased adiposity, and abnormal behaviors that are ameliorated by selective inhibition of soluble tumor necrosis factor with XPro1595. <i>Brain, Behavior, and Immunity</i> , 2019 , 81, 305-316	16.6	9
62	Lactobacilli -induced Generation of Reactive Oxygen Species via Formyl Peptide Receptor-1 (FPR1) Regulates Intestinal Motility in Mice. <i>FASEB Journal</i> , 2019 , 33, 763.1	0.9	
61	LRRK2 regulation of immune-pathways and inflammatory disease. <i>Biochemical Society Transactions</i> , 2019 , 47, 1581-1595	5.1	49
60	Targeting soluble tumor necrosis factor as a potential intervention to lower risk for late-onset Alzheimer's disease associated with obesity, metabolic syndrome, and type 2 diabetes. <i>Alzheimers Research and Therapy</i> , 2019 , 12, 1	9	39
59	P4-480: WESTERN DIET PROMOTES CENTRAL INSULIN IMPAIRMENT AND THE DYSREGULATION OF METABOLITES ASSOCIATED WITH ALZHEIMER'S DISEASE: THE ROLE OF SOLUBLE TNF 2019 , 15, P1496-P1497 ¹		
58	Chronic adolescent stress sex-specifically alters central and peripheral neuro-immune reactivity in rats. <i>Brain, Behavior, and Immunity</i> , 2019 , 76, 248-257	16.6	25
57	Immune system responses in Parkinson's disease: Early and dynamic. <i>European Journal of Neuroscience</i> , 2019 , 49, 364-383	3.5	52
56	Stool Immune Profiles Evince Gastrointestinal Inflammation in Parkinson's Disease. <i>Movement Disorders</i> , 2018 , 33, 793-804	7	77
55	An open label study of a novel immunosuppression intervention for the treatment of amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2018 , 19, 242-249	3.6	19
54	Lewy body-like alpha-synuclein inclusions trigger reactive microgliosis prior to nigral degeneration. <i>Journal of Neuroinflammation</i> , 2018 , 15, 129	10.1	82
53	Potential Role of the Gut Microbiome in ALS: A Systematic Review. <i>Biological Research for Nursing</i> , 2018 , 20, 513-521	2.6	29
52	Neuroinflammation in Age-Related Neurodegenerative Diseases 2018 , 477-507		
51	Rationale and Design of the Mechanistic Potential of Antihypertensives in Preclinical Alzheimer's (HEART) Trial. <i>Journal of Alzheimers Disease</i> , 2018 , 61, 815-824	4.3	14
50	Effect of High Fat High Fructose Diet on Peripheral Immune Cell Trafficking into the Brain in CCR2 Mouse Model. <i>FASEB Journal</i> , 2018 , 32, 740.10	0.9	
49	O2-11-02: THE ROLE OF SOLUBLE TNF IN METABOLIC DYSFUNCTION AND BBB ALTERATIONS IN A MOUSE MODEL OF ALZHEIMER'S DISEASE 2018 , 14, P647-P647		
48	O2-11-03: PROGRANULIN LOSS DYSREGULATES SPLENIC AND PERIPHERAL BLOOD IMMUNE CELL POPULATIONS AND MAY CONTRIBUTE TO NEUROINFLAMMATION AND NEURODEGENERATION IN FRONTOTEMPORAL DEMENTIA 2018 , 14, P647-P648		
47	βSynuclein and Noradrenergic Modulation of Immune Cells in Parkinson's Disease Pathogenesis. <i>Frontiers in Neuroscience</i> , 2018 , 12, 626	5.1	17

46	Microglial phenotypes in Parkinson's disease and animal models of the disease. <i>Progress in Neurobiology</i> , 2017 , 155, 57-75	10.9	143
45	Peripheral administration of the soluble TNF inhibitor XPro1595 modifies brain immune cell profiles, decreases beta-amyloid plaque load, and rescues impaired long-term potentiation in 5xFAD mice. <i>Neurobiology of Disease</i> , 2017 , 102, 81-95	7.5	63
44	The gut-brain axis: is intestinal inflammation a silent driver of Parkinson's disease pathogenesis?. <i>Npj Parkinsons Disease</i> , 2017 , 3, 3	9.7	252
43	LRRK2 2017 , 107-116		1
42	Parkinsonism without dopamine neuron degeneration in aged l-dopa-responsive dystonia knockin mice. <i>Movement Disorders</i> , 2017 , 32, 1694-1700	7	6
41	Candidate inflammatory biomarkers display unique relationships with alpha-synuclein and correlate with measures of disease severity in subjects with Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2017 , 14, 164	10.1	34
40	A systems pharmacology-based approach to identify novel Kv1.3 channel-dependent mechanisms in microglial activation. <i>Journal of Neuroinflammation</i> , 2017 , 14, 128	10.1	34
39	Toll-like Receptor 4 Mediates Morphine-Induced Neuroinflammation and Tolerance via Soluble Tumor Necrosis Factor Signaling. <i>Neuropsychopharmacology</i> , 2017 , 42, 661-670	8.7	75
38	Chronic psychological stress and high-fat high-fructose diet disrupt metabolic and inflammatory gene networks in the brain, liver, and gut and promote behavioral deficits in mice. <i>Brain, Behavior, and Immunity</i> , 2017 , 59, 158-172	16.6	53
37	[O21503]: ELEVATED CENTRAL AND PERIPHERAL INFLAMMATORY PROFILES IN A POPULATION AT RISK FOR ALZHEIMER'S DISEASE 2017 , 13, P594		
36	[P2090]: ROLE OF SOLUBLE TNF IN DIET-INDUCED PERIPHERAL AND CENTRAL INFLAMMATION IN A MOUSE MODEL OF ALZHEIMER'S DISEASE 2017 , 13, P641-P641		
35	Therapeutic inhibition of soluble brain TNF promotes remyelination by increasing myelin phagocytosis by microglia. <i>JCI Insight</i> , 2017 , 2,	9.9	47
34	RGS10 deficiency ameliorates the severity of disease in experimental autoimmune encephalomyelitis. <i>Journal of Neuroinflammation</i> , 2016 , 13, 24	10.1	15
33	Inflammatory mechanisms contribute to microembolism-induced anxiety-like and depressive-like behaviors. <i>Behavioural Brain Research</i> , 2016 , 303, 160-7	3.4	6
32	RGS10 Negatively Regulates Platelet Activation and Thrombogenesis. <i>PLoS ONE</i> , 2016 , 11, e0165984	3.7	20
31	P3-069: Elucidating the Relationship Between Hyperphosphorylated TAU and Locus Coeruleus Degeneration in Alzheimer's Disease 2016 , 12, P844-P844		
30	Physiology of RGS10 in Neurons and Immune Cells. <i>Progress in Molecular Biology and Translational Science</i> , 2015 , 133, 153-67	4	14
29	The G2019S LRRK2 mutation increases myeloid cell chemotactic responses and enhances LRRK2 binding to actin-regulatory proteins. <i>Human Molecular Genetics</i> , 2015 , 24, 4250-67	5.6	40

28	Age-related changes in regulator of G-protein signaling (RGS)-10 expression in peripheral and central immune cells may influence the risk for age-related degeneration. <i>Neurobiology of Aging</i> , 2015 , 36, 1982-93	5.6	14
27	P4-205: Peripheral administration of the novel tnf inhibitor xpro1595 improves synaptic function in the 5XFAD model of Alzheimer's disease 2015 , 11, P859-P859		
26	Two weeks of predatory stress induces anxiety-like behavior with co-morbid depressive-like behavior in adult male mice. <i>Behavioural Brain Research</i> , 2014 , 275, 120-5	3.4	26
25	A survey from 2012 of evidence for the role of neuroinflammation in neurotoxin animal models of Parkinson's disease and potential molecular targets. <i>Experimental Neurology</i> , 2014 , 256, 126-32	5.7	41
24	Peripheral administration of the selective inhibitor of soluble tumor necrosis factor (TNF) XPro 1595 attenuates nigral cell loss and glial activation in 6-OHDA hemiparkinsonian rats. <i>Journal of Parkinsons Disease</i> , 2014 , 4, 349-60	5.3	50
23	AAV-dominant negative tumor necrosis factor (DN-TNF) gene transfer to the striatum does not rescue medium spiny neurons in the YAC128 mouse model of Huntington's disease. <i>PLoS ONE</i> , 2014 , 9, e96544	3.7	6
22	Selective effects of a therapeutic protein targeting tumor necrosis factor-alpha on cytochrome P450 regulation during infectious colitis: Implications for disease-dependent drug-drug interactions. <i>Pharmacology Research and Perspectives</i> , 2014 , 2, e00027	3.1	8
21	Role of the Innate and Adaptive Immune System in the Pathogenesis of PD 2014 , 75-103		1
20	Neuroimmunological processes in Parkinson's disease and their relation to α -synuclein: microglia as the referee between neuronal processes and peripheral immunity. <i>ASN Neuro</i> , 2013 , 5, 113-39	5.3	166
19	The role of innate and adaptive immunity in Parkinson's disease. <i>Journal of Parkinsons Disease</i> , 2013 , 3, 493-514	5.3	181
18	Critical role of regulator G-protein signaling 10 (RGS10) in modulating macrophage M1/M2 activation. <i>PLoS ONE</i> , 2013 , 8, e81785	3.7	30
17	Regulation of microglia effector functions by tumor necrosis factor signaling. <i>Glia</i> , 2012 , 60, 189-202	9	42
16	RGS10 exerts a neuroprotective role through the PKA/c-AMP response-element (CREB) pathway in dopaminergic neuron-like cells. <i>Journal of Neurochemistry</i> , 2012 , 122, 333-43	6	24
15	Neuroinflammation and non-motor symptoms: the dark passenger of Parkinson's disease?. <i>Current Neurology and Neuroscience Reports</i> , 2012 , 12, 350-8	6.6	54
14	Lipopolysaccharide and tumor necrosis factor regulate Parkin expression via nuclear factor-kappa B. <i>PLoS ONE</i> , 2011 , 6, e23660	3.7	82
13	Delayed dominant-negative TNF gene therapy halts progressive loss of nigral dopaminergic neurons in a rat model of Parkinson's disease. <i>Molecular Therapy</i> , 2011 , 19, 46-52	11.7	86
12	Regulator of G-protein signaling-10 negatively regulates NF- κ B in microglia and neuroprotects dopaminergic neurons in hemiparkinsonian rats. <i>Journal of Neuroscience</i> , 2011 , 31, 11879-88	6.6	57
11	Workshop summary: roles of the TNF family in neuronal development, function and pathology. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 537-8	3.6	

10	TNF: a key neuroinflammatory mediator of neurotoxicity and neurodegeneration in models of Parkinson's disease. <i>Advances in Experimental Medicine and Biology</i> , 2011 , 691, 539-40	3.6	54
9	Neuroinflammation in Parkinson's disease: its role in neuronal death and implications for therapeutic intervention. <i>Neurobiology of Disease</i> , 2010 , 37, 510-8	7.5	726
8	Inhibition of soluble TNF signaling in a mouse model of Alzheimer's disease prevents pre-plaque amyloid-associated neuropathology. <i>Neurobiology of Disease</i> , 2009 , 34, 163-77	7.5	204
7	TNF signaling inhibition in the CNS: implications for normal brain function and neurodegenerative disease. <i>Journal of Neuroinflammation</i> , 2008 , 5, 45	10.1	574
6	Intranigral lentiviral delivery of dominant-negative TNF attenuates neurodegeneration and behavioral deficits in hemiparkinsonian rats. <i>Molecular Therapy</i> , 2008 , 16, 1572-9	11.7	95
5	Parkin deficiency increases vulnerability to inflammation-related nigral degeneration. <i>Journal of Neuroscience</i> , 2008 , 28, 10825-34	6.6	206
4	Regulator of G-protein signaling 10 promotes dopaminergic neuron survival via regulation of the microglial inflammatory response. <i>Journal of Neuroscience</i> , 2008 , 28, 8517-28	6.6	74
3	Blocking soluble tumor necrosis factor signaling with dominant-negative tumor necrosis factor inhibitor attenuates loss of dopaminergic neurons in models of Parkinson's disease. <i>Journal of Neuroscience</i> , 2006 , 26, 9365-75	6.6	289
2	Inactivation of TNF signaling by rationally designed dominant-negative TNF variants. <i>Science</i> , 2003 , 301, 1895-8	33.3	188
1	Bacterial Butyrate in Parkinson's Disease Is Linked to Epigenetic Changes and Depressive Symptoms. <i>Movement Disorders</i> ,	7	2