

# CITATION REPORT

List of articles citing

**An increase in LRRK2 suppresses autophagy and enhances Dectin-1-induced immunity in a mouse model of colitis**

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#	Paper	IF	Citations
81	C-type lectin receptors of the Dectin-1 cluster: Physiological roles and involvement in disease. <i>European Journal of Immunology</i> , <b>2019</b> , 49, 2127-2133	6.1	24
80	Taraxacum officinale extract ameliorates dextran sodium sulphate-induced colitis by regulating fatty acid degradation and microbial dysbiosis. <i>Journal of Cellular and Molecular Medicine</i> , <b>2019</b> , 23, 8161-8172	5.6	16
79	Roles of Autophagy-Related Genes in the Pathogenesis of Inflammatory Bowel Disease. <i>Cells</i> , <b>2019</b> , 8,	7.9	39
78	Rab GTPases as Physiological Substrates of LRRK2 Kinase. <i>Experimental Neurobiology</i> , <b>2019</b> , 28, 134-145	4	14
77	LRRK2 in Infection: Friend or Foe?. <i>ACS Infectious Diseases</i> , <b>2019</b> , 5, 809-815	5.5	18
76	Is dextran sulfate sodium a good inducer of acute experimental enteritis?. <i>International Journal of Immunopathology and Pharmacology</i> , <b>2019</b> , 33, 2058738419843367	3	3
75	Network pharmacology-based identification of the protective mechanisms of taraxasterol in experimental colitis. <i>International Immunopharmacology</i> , <b>2019</b> , 71, 259-266	5.8	11
74	Autophagy at synapses in neurodegenerative diseases. <i>Archives of Pharmacal Research</i> , <b>2019</b> , 42, 407-415	1.1	15
73	Is Parkinson's disease a chronic low-grade inflammatory bowel disease?. <i>Journal of Neurology</i> , <b>2020</b> , 267, 2207-2213	5.5	31
72	Targeting autophagy-related protein kinases for potential therapeutic purpose. <i>Acta Pharmaceutica Sinica B</i> , <b>2020</b> , 10, 569-581	15.5	65
71	New insights into the interplay between autophagy, gut microbiota and inflammatory responses in IBD. <i>Autophagy</i> , <b>2020</b> , 16, 38-51	10.2	150
70	The endoscopic diagnosis of mucosal healing and deep remission in inflammatory bowel disease. <i>Digestive Endoscopy</i> , <b>2021</b> , 33, 1008-1023	3.7	3
69	Inflammatory bowel disease and Parkinson's disease: common pathophysiological links. <i>Gut</i> , <b>2021</b> , 70, 408-417	19.2	24
68	LRRK2 mediates microglial neurotoxicity via NFATc2 in rodent models of synucleinopathies. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	21
67	Oral <i>P. gingivalis</i> impairs gut permeability and mediates immune responses associated with neurodegeneration in LRRK2 R1441G mice. <i>Journal of Neuroinflammation</i> , <b>2020</b> , 17, 347	10.1	14
66	Autophagy and Autophagy-Related Diseases: A Review. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	43
65	Comprehensive Genomic Analysis Reveals the Prognostic Role of Copy-Number Variations in Human Malignancies. <i>Genes</i> , <b>2020</b> , 11,	4.2	2

64	Multiple-Hit Hypothesis in Parkinson's Disease: LRRK2 and Inflammation. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 376	5.1	20
63	Leucine Rich Repeat Kinase 2 and Innate Immunity. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 193	5.1	19
62	Leucine-Rich Repeat Kinase 2 Controls Inflammatory Cytokines Production through NF- $\kappa$ B Phosphorylation and Antigen Presentation in Bone Marrow-Derived Dendritic Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
61	Pathway paradigms revealed from the genetics of inflammatory bowel disease. <i>Nature</i> , <b>2020</b> , 578, 527-539	5.4	143
60	Inflammatory bowel disease: between genetics and microbiota. <i>Molecular Biology Reports</i> , <b>2020</b> , 47, 3053-3063	3.4	24
59	Advances in elucidating the function of leucine-rich repeat protein kinase-2 in normal cells and Parkinson's disease. <i>Current Opinion in Cell Biology</i> , <b>2020</b> , 63, 102-113	9	40
58	Genetic and Environmental Factors in Parkinson's Disease Converge on Immune Function and Inflammation. <i>Movement Disorders</i> , <b>2021</b> , 36, 25-36	7	22
57	CircCDK8 regulates osteogenic differentiation and apoptosis of PDLSCs by inducing ER stress/autophagy during hypoxia. <i>Annals of the New York Academy of Sciences</i> , <b>2021</b> , 1485, 56-70	6.5	20
56	Inhibition of Dectin-1 on Dendritic Cells Prevents Maturation and Prolongs Murine Islet Allograft Survival. <i>Journal of Inflammation Research</i> , <b>2021</b> , 14, 63-73	4.8	1
55	Meta-analysis of sample-level dbGaP data reveals novel shared genetic link between body height and Crohn's disease. <i>Human Genetics</i> , <b>2021</b> , 140, 865-877	6.3	1
54	A LRRK2 GTP Binding Inhibitor, 68, Reduces LPS-Induced Signaling Events and TNF- $\alpha$ Release in Human Lymphoblasts. <i>Cells</i> , <b>2021</b> , 10,	7.9	7
53	Non-invasive peripheral focused ultrasound neuromodulation of the celiac plexus ameliorates symptoms in a rat model of inflammatory bowel disease. <i>Experimental Physiology</i> , <b>2021</b> , 106, 1038-1060	2.4	1
52	Gut mycobiome: The probable determinative role of fungi in IBD patients. <i>Mycoses</i> , <b>2021</b> , 64, 468-476	5.2	11
51	Phylogenetic and comparative genomic analysis of <i>Lactobacillus fermentum</i> Strains and the Key Genes Related to their Intestinal Anti-inflammatory Effects. <i>Engineering</i> , <b>2021</b> ,	9.7	2
50	Early onset leprosy reveals a joint effect of LRRK2 and NOD2 variants.		
49	Is LRRK2 the missing link between inflammatory bowel disease and Parkinson's disease?. <i>Npj Parkinsons Disease</i> , <b>2021</b> , 7, 26	9.7	9
48	The cell biology of Parkinson's disease. <i>Journal of Cell Biology</i> , <b>2021</b> , 220,	7.3	15
47	The Cell Biology of LRRK2 in Parkinson's Disease. <i>Molecular and Cellular Biology</i> , <b>2021</b> , 41,	4.8	6

46	Genes Implicated in Familial Parkinson's Disease Provide a Dual Picture of Nigral Dopaminergic Neurodegeneration with Mitochondria Taking Center Stage. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
45	The role of mycobiota-genotype association in inflammatory bowel diseases: a narrative review. <i>Gut Pathogens</i> , <b>2021</b> , 13, 31	5.4	4
44	Exosomal and vesicle-free tau seeds-propagation and convergence in endolysosomal permeabilization. <i>FEBS Journal</i> , <b>2021</b> ,	5.7	4
43	Exogenous HS Protects Colon Cells in Ulcerative Colitis by Inhibiting and Activating Autophagy. <i>DNA and Cell Biology</i> , <b>2021</b> , 40, 748-756	3.6	1
42	Leucine-rich repeat kinase-2 deficiency protected against cardiac remodelling in mice via regulating autophagy formation and degradation.. <i>Journal of Advanced Research</i> , <b>2022</b> , 37, 107-117	13	0
41	Loss of Setd2 associates with aberrant microRNA expression and contributes to inflammatory bowel disease progression in mice. <i>Genomics</i> , <b>2021</b> , 113, 2441-2454	4.3	0
40	Association of LRRK2 rs11564258 single nucleotide polymorphisms with type and extent of gastrointestinal mycobiome in ulcerative colitis: a case-control study. <i>Gut Pathogens</i> , <b>2021</b> , 13, 56	5.4	
39	Appendix [Alpha-synuclein in the gut, Crohn's disease, and the possible protective role of the synucleins in innate immune response. <b>2021</b> , 209-226		
38	LRRK2 regulation of immune-pathways and inflammatory disease. <i>Biochemical Society Transactions</i> , <b>2019</b> , 47, 1581-1595	5.1	49
37	Experimental colitis drives enteric alpha-synuclein accumulation and Parkinson-like brain pathology.		3
36	LRRK2 activation controls the repair of damaged endomembranes in macrophages. <i>EMBO Journal</i> , <b>2020</b> , 39, e104494	13	37
35	LRRK2 at the Interface Between Peripheral and Central Immune Function in Parkinson's. <i>Frontiers in Neuroscience</i> , <b>2020</b> , 14, 443	5.1	21
34	Meisoindigo attenuates dextran sulfate sodium-induced experimental colitis via its inhibition of TAK1 in macrophages. <i>International Immunopharmacology</i> , <b>2021</b> , 101, 108239	5.8	2
33	Intestinal Inflammation and Parkinson's Disease. <b>2021</b> , 12, 2052-2068		3
32	Mild Chronic Colitis Triggers Parkinsonism in LRRK2 Mutant Mice Through Activating TNF- $\alpha$ Pathway.. <i>Movement Disorders</i> , <b>2021</b> ,	7	4
31	Mechanistic Insights Into Gut Microbiome Dysbiosis-Mediated Neuroimmune Dysregulation and Protein Misfolding and Clearance in the Pathogenesis of Chronic Neurodegenerative Disorders.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 836605	5.1	2
30	Effect of LRRK2 protein and activity on stimulated cytokines in human monocytes and macrophages.. <i>Npj Parkinson's Disease</i> , <b>2022</b> , 8, 34	9.7	1
29	Convergence of signalling pathways in innate immune responses and genetic formof Parkinson's disease.. <i>Neurobiology of Disease</i> , <b>2022</b> , 105721	7.5	0

28	Discovery of novel thienopyrimidine derivatives as LRRK2 inhibitors. <i>Bulletin of the Korean Chemical Society</i> , <b>2022</b> , 43, 232-235	1.2	1
27	Immune Signaling Kinases in Amyotrophic Lateral Sclerosis (ALS) and Frontotemporal Dementia (FTD).. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	2
26	Glycan Activation of Clec4b Induces Reactive Oxygen Species Protecting against Neutrophilia and Arthritis.. <i>Antioxidants</i> , <b>2021</b> , 11,	7.1	
25	Dysbiosis in Inflammatory Bowel Disease: Pathogenic Role and Potential Therapeutic Targets.. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23,	6.3	7
24	Mammalian Neuraminidases in Immune-Mediated Diseases: Mucins and Beyond.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 883079	8.4	1
23	LRRK2 as a target for modulating immune system responses.. <i>Neurobiology of Disease</i> , <b>2022</b> , 105724	7.5	2
22	The Double-Faceted Role of Leucine-Rich Repeat Kinase 2 in the Immunopathogenesis of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , <b>2022</b> , 14,	5.3	0
21	The microbiome-gut-brain axis in Parkinson disease [From basic research to the clinic. <i>Nature Reviews Neurology</i> ,	15	7
20	Isomaltulose alleviates acute colitis via modulating gut microbiota and Treg/Th17 balance in mice. <i>Food and Function</i> ,	6.1	
19	The role of LRRK2 in the periphery: link with Parkinson's disease and inflammatory diseases. <i>Neurobiology of Disease</i> , <b>2022</b> , 172, 105806	7.5	0
18	Preventive Effect of Pectic Oligosaccharides on Acute Colitis Model Mice: Modulating Epithelial Barrier, Gut Microbiota and Treg/Th17 Balance.		
17	Gut microenvironmental changes as a potential trigger in Parkinson's disease through the gut-brain axis. <b>2022</b> , 29,		2
16	LRRK2 deficiency protects the heart against myocardial infarction injury in mice via the P53/HMGB1 pathway. <b>2022</b> , 191, 119-127		0
15	GBP4 is an immune-related biomarker for patients with ileocolonic Crohn's disease by comprehensive analysis. <b>2022</b> , 20, 1721727X2211167		0
14	The role of autophagic kinases in regulation of axonal function. 16,		0
13	Antifungal immunity mediated by C-type lectin receptors may be a novel target in immunotherapy for urothelial bladder cancer. 13,		0
12	Lysosomal Pathogenesis of Parkinson's Disease: Insights From LRRK2 and GBA1 Rodent Models.		0
11	A Review on Inflammatory Bowel Diseases: Recent Molecular Pathophysiology Advances. Volume 16, 129-140		0

10	Peripheral Blood DNA Methylation Profiles Do Not Predict Endoscopic Post-Operative Recurrence in Crohn's Disease Patients. <b>2022</b> , 23, 10467	1
9	Deciphering the role of autophagy in the immunopathogenesis of inflammatory bowel disease. 13,	0
8	LRRK2 deficiency mitigates colitis progression by favoring resolution of inflammation and restoring homeostasis of gut microbiota. <b>2022</b> , 114, 110527	1
7	Genetic and Epigenetic Etiology of Inflammatory Bowel Disease: An Update. <b>2022</b> , 13, 2388	1
6	Role of Paneth cells-associated Crohn's disease susceptibility genes in development of Crohn's disease. <b>2022</b> , 30, 1009-1015	0
5	High-depth whole-genome sequencing identifies structure variants, copy number variants and short tandem repeats associated with Parkinson's disease.	0
4	Acrylamide induces the activation of BV2 microglial cells through TLR2/4-mediated LRRK2-NFATc2 signaling cascade. <b>2023</b> , 176, 113775	0
3	Allele-dependent interaction of LRRK2 and NOD2 in leprosy. <b>2023</b> , 19, e1011260	0
2	Astrocytic LRRK2 Controls Synaptic Connectivity through ERM Phosphorylation.	0
1	Immunological Features of LRRK2 Function and Its Role in the Gut-Brain Axis Governing Parkinson's Disease. <b>2023</b> , 1-18	0