

Intestinal infection triggers Parkinson's disease-like s

Nature

571, 565-569

DOI: [10.1038/s41586-019-1405-y](https://doi.org/10.1038/s41586-019-1405-y)

Citation Report

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Mitochondriaâ€”Striking a balance between host and endosymbiont. <i>Science</i> , 2019, 365, . | 6.0 | 130 |
| 2 | Neuroinflammation and the Gut Microbiota: Possible Alternative Therapeutic Targets to Counteract Alzheimerâ€™s Disease?. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 284. | 1.7 | 95 |
| 3 | NIX-Mediated Mitophagy Promotes Effector Memory Formation in Antigen-Specific CD8+ T Cells. <i>Cell Reports</i> , 2019, 29, 1862-1877.e7. | 2.9 | 26 |
| 4 | Mitocellular communication: Shaping health and disease. <i>Science</i> , 2019, 366, 827-832. | 6.0 | 154 |
| 5 | Impact of the Microbiome on the Human Genome. <i>Trends in Parasitology</i> , 2019, 35, 809-821. | 1.5 | 5 |
| 6 | Lots of Movement in Gut and Parkinsonâ€™s Research. <i>Trends in Endocrinology and Metabolism</i> , 2019, 30, 687-689. | 3.1 | 2 |
| 7 | Infection triggers symptoms similar to those of Parkinsonâ€™s disease in mice lacking PINK1 protein. <i>Nature</i> , 2019, 571, 481-482. | 13.7 | 2 |
| 8 | The gut-brain axis in the pathogenesis of Parkinsonâ€™s disease. <i>Brain Science Advances</i> , 2019, 5, 73-81. | 0.3 | 10 |
| 9 | Microbiome changes: an indicator of Parkinsonâ€™s disease?. <i>Translational Neurodegeneration</i> , 2019, 8, 38. | 3.6 | 61 |
| 10 | Is Parkinson's Disease an Autoimmune Disorder?. <i>Neurology Today: an Official Publication of the American Academy of Neurology</i> , 2019, 19, 19-19. | 0.0 | 0 |
| 11 | Monitoring autophagy in cancer: From bench to bedside. <i>Seminars in Cancer Biology</i> , 2020, 66, 12-21. | 4.3 | 31 |
| 12 | Microglial memory of early life stress and inflammation: Susceptibility to neurodegeneration in adulthood. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 117, 232-242. | 2.9 | 34 |
| 13 | Genetics of leprosy: today and beyond. <i>Human Genetics</i> , 2020, 139, 835-846. | 1.8 | 40 |
| 14 | Post-translational Modifications of Key Machinery in the Control of Mitophagy. <i>Trends in Biochemical Sciences</i> , 2020, 45, 58-75. | 3.7 | 71 |
| 15 | Mitochondrial division, fusion and degradation. <i>Journal of Biochemistry</i> , 2020, 167, 233-241. | 0.9 | 40 |
| 16 | Innate and adaptive immune responses in Parkinson's disease. <i>Progress in Brain Research</i> , 2020, 252, 169-216. | 0.9 | 64 |
| 17 | The microbiota-immune axis as a central mediator of gut-brain communication. <i>Neurobiology of Disease</i> , 2020, 136, 104714. | 2.1 | 110 |
| 18 | Mitochondriaâ€”Lysosome Crosstalk: From Physiology to Neurodegeneration. <i>Trends in Molecular Medicine</i> , 2020, 26, 71-88. | 3.5 | 165 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Autonomic dysfunction in Parkinson's disease: Implications for pathophysiology, diagnosis, and treatment. <i>Neurobiology of Disease</i> , 2020, 134, 104700. | 2.1 | 148 |
| 20 | Mitochondrial Quality Control and Restraining Innate Immunity. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 265-289. | 4.0 | 73 |
| 21 | Characterization of the intestinal microbiota during <i>Citrobacter rodentium</i> infection in a mouse model of infection-triggered Parkinson's disease. <i>Gut Microbes</i> , 2020, 12, 1830694. | 4.3 | 14 |
| 22 | Inflammatory bowel disease and Parkinson's disease: common pathophysiological links. <i>Gut</i> , 2021, 70, gutjnl-2020-322429. | 6.1 | 72 |
| 23 | Diet, Microbiota and Brain Health: Unraveling the Network Intersecting Metabolism and Neurodegeneration. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7471. | 1.8 | 32 |
| 24 | Mitophagy-Mediated mtDNA Release Aggravates Stretching-Induced Inflammation and Lung Epithelial Cell Injury via the TLR9/MyD88/NF- κ B Pathway. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 819. | 1.8 | 26 |
| 25 | Systematic Surveys of Iron Homeostasis Mechanisms Reveal Ferritin Superfamily and Nucleotide Surveillance Regulation to be Modified by PINK1 Absence. <i>Cells</i> , 2020, 9, 2229. | 1.8 | 9 |
| 26 | <p></p>The Underlying Role of Mitophagy in Different Regulatory Mechanisms of Chronic Obstructive Pulmonary Disease<p></p>. <i>International Journal of COPD</i> , 2020, Volume 15, 2167-2177. | 0.9 | 9 |
| 27 | Accelerated Amyloid Beta Pathogenesis by Bacterial Amyloid FapC. <i>Advanced Science</i> , 2020, 7, 2001299. | 5.6 | 47 |
| 28 | Connecting the 'Dots' From Free Radical Lipid Autoxidation to Cell Pathology and Disease. <i>Chemical Reviews</i> , 2020, 120, 12757-12787. | 23.0 | 61 |
| 29 | Human Dopaminergic Neurons Lacking PINK1 Exhibit Disrupted Dopamine Metabolism Related to Vitamin B6 Co-Factors. <i>IScience</i> , 2020, 23, 101797. | 1.9 | 20 |
| 30 | Intranigral Administration of β -Sitosterol- β -D-Glucoside Elicits Neurotoxic A1 Astrocyte Reactivity and Chronic Neuroinflammation in the Rat Substantia Nigra. <i>Journal of Immunology Research</i> , 2020, 2020, 1-19. | 0.9 | 10 |
| 31 | Parkinson's: A Disease of Aberrant Vesicle Trafficking. <i>Annual Review of Cell and Developmental Biology</i> , 2020, 36, 237-264. | 4.0 | 54 |
| 32 | α -Synuclein in Parkinson's Disease: Does a Prion-Like Mechanism of Propagation from Periphery to the Brain Play a Role?. <i>Neuroscientist</i> , 2021, 27, 107385842094318. | 2.6 | 5 |
| 33 | The Microbiome as a Modifier of Neurodegenerative Disease Risk. <i>Cell Host and Microbe</i> , 2020, 28, 201-222. | 5.1 | 120 |
| 34 | NLRP3 Inflammasomes in Parkinson's disease and their Regulation by Parkin. <i>Neuroscience</i> , 2020, 446, 323-334. | 1.1 | 48 |
| 35 | Docosahexaenoic acid-acylated astaxanthin ester exhibits superior performance over non-esterified astaxanthin in preventing behavioral deficits coupled with apoptosis in MPTP-induced mice with Parkinson's disease. <i>Food and Function</i> , 2020, 11, 8038-8050. | 2.1 | 32 |
| 36 | Mitochondrial <i>UQCRC1</i> mutations cause autosomal dominant parkinsonism with polyneuropathy. <i>Brain</i> , 2020, 143, 3352-3373. | 3.7 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Sensitive ELISA-based detection method for the mitophagy marker p-S65-Ub in human cells, autopsy brain, and blood samples. <i>Autophagy</i> , 2021, 17, 2613-2628. | 4.3 | 29 |
| 38 | The Effect of Dysfunctional Ubiquitin Enzymes in the Pathogenesis of Most Common Diseases. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6335. | 1.8 | 31 |
| 39 | Predictive analysis methods for human microbiome data with application to Parkinson's disease. <i>PLoS ONE</i> , 2020, 15, e0237779. | 1.1 | 21 |
| 40 | Single Nucleotide Polymorphisms Associated With Gut Homeostasis Influence Risk and Age-at-Onset of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 603849. | 1.7 | 16 |
| 41 | Stem Cells and Organoid Technology in Precision Medicine in Inflammation: Are We There Yet?. <i>Frontiers in Immunology</i> , 2020, 11, 573562. | 2.2 | 13 |
| 42 | New Insights into Immune-Mediated Mechanisms in Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9302. | 1.8 | 16 |
| 43 | PINK1/PARKIN signalling in neurodegeneration and neuroinflammation. <i>Acta Neuropathologica Communications</i> , 2020, 8, 189. | 2.4 | 204 |
| 44 | Targeting the microbiota in pharmacology of psychiatric disorders. <i>Pharmacological Research</i> , 2020, 157, 104856. | 3.1 | 35 |
| 45 | Mitochondrial Homeostasis and Signaling in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 100. | 1.7 | 27 |
| 46 | Maackiain Ameliorates 6-Hydroxydopamine and SNCA Pathologies by Modulating the PINK1/Parkin Pathway in Models of Parkinson's Disease in <i>Caenorhabditis elegans</i> and the SH-SY5Y Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4455. | 1.8 | 30 |
| 47 | Mechanisms of neurodegeneration in Parkinson's disease: keep neurons in the PINK1. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111277. | 2.2 | 11 |
| 48 | <i>Clostridium difficile</i> infection and risk of Parkinson's disease: a Swedish population-based cohort study. <i>European Journal of Neurology</i> , 2020, 27, 2134-2141. | 1.7 | 14 |
| 49 | Sodium Butyrate Exacerbates Parkinson's Disease by Aggravating Neuroinflammation and Colonic Inflammation in MPTP-Induced Mice Model. <i>Neurochemical Research</i> , 2020, 45, 2128-2142. | 1.6 | 49 |
| 50 | COVID-19 infection may increase the risk of parkinsonism – Remember the Spanish flu?. <i>Cytokine and Growth Factor Reviews</i> , 2020, 54, 6-7. | 3.2 | 15 |
| 51 | Characterizing dysbiosis of gut microbiome in PD: evidence for overabundance of opportunistic pathogens. <i>Npj Parkinson's Disease</i> , 2020, 6, 11. | 2.5 | 140 |
| 52 | TNF receptor-associated factor 6 interacts with ALS-linked misfolded superoxide dismutase 1 and promotes aggregation. <i>Journal of Biological Chemistry</i> , 2020, 295, 3808-3825. | 1.6 | 16 |
| 53 | EGCG ameliorates neuronal and behavioral defects by remodeling gut microbiota and TotM expression in <i>Drosophila</i> models of Parkinson's disease. <i>FASEB Journal</i> , 2020, 34, 5931-5950. | 0.2 | 40 |
| 54 | West Nile Virus-Induced Neurologic Sequelae Relationship to Neurodegenerative Cascades and Dementias. <i>Current Tropical Medicine Reports</i> , 2020, 7, 25-36. | 1.6 | 13 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Leucine Rich Repeat Kinase 2 and Innate Immunity. <i>Frontiers in Neuroscience</i> , 2020, 14, 193. | 1.4 | 36 |
| 56 | PINK1 and Parkin mitochondrial quality control: a source of regional vulnerability in Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2020, 15, 20. | 4.4 | 264 |
| 57 | Microbiota and Other Preventive Strategies and Non-genetic Risk Factors in Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 12. | 1.7 | 5 |
| 58 | Overcoming blood-brain barrier transport: Advances in nanoparticle-based drug delivery strategies. <i>Materials Today</i> , 2020, 37, 112-125. | 8.3 | 196 |
| 59 | Parkinson's Disease and the Gut: Future Perspectives for Early Diagnosis. <i>Frontiers in Neuroscience</i> , 2020, 14, 626. | 1.4 | 18 |
| 60 | Control of Reactive Oxygen Species for the Prevention of Parkinson's Disease: The Possible Application of Flavonoids. <i>Antioxidants</i> , 2020, 9, 583. | 2.2 | 63 |
| 61 | Dietary Pattern, Gut Microbiota, and Alzheimer's Disease. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12800-12809. | 2.4 | 57 |
| 62 | The STING pathway does not contribute to behavioural or mitochondrial phenotypes in <i>Drosophila</i> Pink1/parkin or mtDNA mutator models. <i>Scientific Reports</i> , 2020, 10, 2693. | 1.6 | 20 |
| 63 | Implications of the Gut Microbiome in Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 921-933. | 2.2 | 95 |
| 64 | Regulation of immune-driven pathogenesis in Parkinson's disease by gut microbiota. <i>Brain, Behavior, and Immunity</i> , 2020, 87, 890-897. | 2.0 | 28 |
| 65 | Alterations in α -synuclein and PINK1 expression reduce neurite length and induce mitochondrial fission and Golgi fragmentation in midbrain neurons. <i>Neuroscience Letters</i> , 2020, 720, 134777. | 1.0 | 11 |
| 66 | The gut microbiota-brain axis of insects. <i>Current Opinion in Insect Science</i> , 2020, 39, 6-13. | 2.2 | 52 |
| 67 | Gut Microbial Signatures Can Discriminate Unipolar from Bipolar Depression. <i>Advanced Science</i> , 2020, 7, 1902862. | 5.6 | 99 |
| 68 | Selective neuronal vulnerability in Parkinson's disease. <i>Progress in Brain Research</i> , 2020, 252, 61-89. | 0.9 | 43 |
| 69 | Neurodegenerative Diseases - Is Metabolic Deficiency the Root Cause?. <i>Frontiers in Neuroscience</i> , 2020, 14, 213. | 1.4 | 148 |
| 70 | Enhanced Susceptibility of PINK1 Knockout Rats to α -Synuclein Fibrils. <i>Neuroscience</i> , 2020, 437, 64-75. | 1.1 | 15 |
| 71 | Mitophagy: An Emerging Role in Aging and Age-Associated Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 200. | 1.8 | 220 |
| 72 | Using multi-organ culture systems to study Parkinson's disease. <i>Molecular Psychiatry</i> , 2021, 26, 725-735. | 4.1 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 73 | Mitochondria and Parkinson's Disease: Clinical, Molecular, and Translational Aspects. <i>Journal of Parkinson's Disease</i> , 2021, 11, 45-60. | 1.5 | 100 |
| 74 | The gut microbiota-brain axis in behaviour and brain disorders. <i>Nature Reviews Microbiology</i> , 2021, 19, 241-255. | 13.6 | 864 |
| 75 | Proteomic Profiling of Mitochondrial-Derived Vesicles in Brain Reveals Enrichment of Respiratory Complex Sub-assemblies and Small TIM Chaperones. <i>Journal of Proteome Research</i> , 2021, 20, 506-517. | 1.8 | 14 |
| 76 | Mitochondrial Dysfunction and Mitophagy in Parkinson's Disease: From Mechanism to Therapy. <i>Trends in Biochemical Sciences</i> , 2021, 46, 329-343. | 3.7 | 234 |
| 77 | Inflammation and Parkinson's disease pathogenesis: Mechanisms and therapeutic insight. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 177, 175-202. | 0.9 | 21 |
| 78 | LRRK2 Parkinsonism: Does the Response to Gut Bacteria Mitigate the Neurological Picture?. <i>Movement Disorders</i> , 2021, 36, 71-75. | 2.2 | 4 |
| 79 | The multifaceted role of mitochondria in the pathology of Parkinson's disease. <i>Journal of Neurochemistry</i> , 2021, 156, 715-752. | 2.1 | 42 |
| 80 | Leveraging sequence-based faecal microbial community survey data to identify alterations in gut microbiota among patients with Parkinson's disease. <i>European Journal of Neuroscience</i> , 2021, 53, 687-696. | 1.2 | 6 |
| 81 | COVID-19: dealing with a potential risk factor for chronic neurological disorders. <i>Journal of Neurology</i> , 2021, 268, 1171-1178. | 1.8 | 50 |
| 82 | Targeting mitophagy in Parkinson's disease. <i>Journal of Biological Chemistry</i> , 2021, 296, 100209. | 1.6 | 65 |
| 83 | Is Gut Dysbiosis an Epicenter of Parkinson's Disease?. <i>Neurochemical Research</i> , 2021, 46, 425-438. | 1.6 | 11 |
| 84 | Deciphering the dual role and prognostic potential of PINK1 across cancer types. <i>Neural Regeneration Research</i> , 2021, 16, 659. | 1.6 | 7 |
| 85 | Gut microbiota-derived propionate mediates the neuroprotective effect of osteocalcin in a mouse model of Parkinson's disease. <i>Microbiome</i> , 2021, 9, 34. | 4.9 | 97 |
| 86 | Inflammation and Depression: Is Immunometabolism the Missing Link?. , 2021, , 259-287. | | 3 |
| 89 | The Association Between the Gut Microbiota and Parkinson's Disease, a Meta-Analysis. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 636545. | 1.7 | 111 |
| 90 | Advances of Mechanisms-Related Metabolomics in Parkinson's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 614251. | 1.4 | 6 |
| 91 | Parkinson's disease and mitophagy: an emerging role for LRRK2. <i>Biochemical Society Transactions</i> , 2021, 49, 551-562. | 1.6 | 32 |
| 93 | Intragastric Administration of Casein Leads to Nigrostriatal Disease Progressed Accompanied with Persistent Nigrostriatal Intestinal Inflammation Activated and Intestinal Microbiota Metabolic Disorders Induced in MPTP Mouse Model of Parkinson's Disease. <i>Neurochemical Research</i> , 2021, 46, 1514-1539. | 1.6 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 94 | New Avenues for Parkinson's Disease Therapeutics: Disease-Modifying Strategies Based on the Gut Microbiota. <i>Biomolecules</i> , 2021, 11, 433. | 1.8 | 38 |
| 95 | CD4 T cells mediate brain inflammation and neurodegeneration in a mouse model of Parkinson's disease. <i>Brain</i> , 2021, 144, 2047-2059. | 3.7 | 124 |
| 96 | Mitochondrial clearance: mechanisms and roles in cellular fitness. <i>FEBS Letters</i> , 2021, 595, 1239-1263. | 1.3 | 28 |
| 97 | Selective packaging of mitochondrial proteins into extracellular vesicles prevents the release of mitochondrial DAMPs. <i>Nature Communications</i> , 2021, 12, 1971. | 5.8 | 142 |
| 98 | Gut Microbiota Interaction with the Central Nervous System throughout Life. <i>Journal of Clinical Medicine</i> , 2021, 10, 1299. | 1.0 | 47 |
| 99 | Research on developing drugs for Parkinson's disease. <i>Brain Research Bulletin</i> , 2021, 168, 100-109. | 1.4 | 14 |
| 101 | The translocator protein (TSPO) is prodromal to mitophagy loss in neurotoxicity. <i>Molecular Psychiatry</i> , 2021, 26, 2721-2739. | 4.1 | 10 |
| 102 | The cell biology of Parkinson's disease. <i>Journal of Cell Biology</i> , 2021, 220, . | 2.3 | 77 |
| 103 | The role of gut dysbiosis in Parkinson's disease: mechanistic insights and therapeutic options. <i>Brain</i> , 2021, 144, 2571-2593. | 3.7 | 119 |
| 104 | Increased Accumulation of α -Synuclein in Inflamed Appendices of Parkinson's Disease Patients. <i>Movement Disorders</i> , 2021, 36, 1911-1918. | 2.2 | 8 |
| 105 | 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> , 2021, 22, 4643. | 1.8 | 12 |
| 106 | Inflammatory neuropsychiatric disorders and COVID-19 neuroinflammation. <i>Acta Neuropsychiatrica</i> , 2021, 33, 165-177. | 1.0 | 15 |
| 107 | Gastrointestinal dysfunction in Parkinson's disease: molecular pathology and implications of gut microbiome, probiotics, and fecal microbiota transplantation. <i>Journal of Neurology</i> , 2022, 269, 1154-1163. | 1.8 | 63 |
| 108 | Impact of diet on human gut microbiome and disease risk. <i>New Microbes and New Infections</i> , 2021, 41, 100845. | 0.8 | 16 |
| 109 | Delivering Antisense Oligonucleotides across the Blood-Brain Barrier by Tumor Cell-Derived Small Apoptotic Bodies. <i>Advanced Science</i> , 2021, 8, 2004929. | 5.6 | 45 |
| 110 | The Pathogenesis of Parkinson's Disease: A Complex Interplay Between Astrocytes, Microglia, and T Lymphocytes?. <i>Frontiers in Neurology</i> , 2021, 12, 666737. | 1.1 | 74 |
| 111 | Roles and Mechanisms of Gut Microbiota in Patients With Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 650047. | 1.7 | 70 |
| 112 | The viral hypothesis: how herpesviruses may contribute to Alzheimer's disease. <i>Molecular Psychiatry</i> , 2021, 26, 5476-5480. | 4.1 | 20 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 114 | Crystal structure of human PACRG in complex with MEIG1 reveals roles in axoneme formation and tubulin binding. <i>Structure</i> , 2021, 29, 572-586.e6. | 1.6 | 19 |
| 115 | Genetic Defects and Pro-inflammatory Cytokines in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2021, 12, 636139. | 1.1 | 26 |
| 116 | A hybrid aggregate FRET probe from the mixed assembly of cyanine dyes for highly specific monitoring of mitochondria autophagy. <i>Analytica Chimica Acta</i> , 2021, 1165, 338561. | 2.6 | 4 |
| 117 | iTRAQ-based quantitative proteomic analysis of low molybdenum inducing thymus atrophy and participating in immune deficiency-related diseases. <i>Ecotoxicology and Environmental Safety</i> , 2021, 216, 112200. | 2.9 | 2 |
| 118 | Oral subchronic exposure to the mycotoxin ochratoxin A induces key pathological features of Parkinson's disease in mice six months after the end of the treatment. <i>Food and Chemical Toxicology</i> , 2021, 152, 112164. | 1.8 | 16 |
| 119 | The PINK1-Mediated Crosstalk between Neural Cells and the Underlying Link to Parkinson's Disease. <i>Cells</i> , 2021, 10, 1395. | 1.8 | 6 |
| 120 | Hidden phenotypes of PINK1/Parkin knockout mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129871. | 1.1 | 9 |
| 121 | AMPK activates Parkin independent autophagy and improves post sepsis immune defense against secondary bacterial lung infections. <i>Scientific Reports</i> , 2021, 11, 12387. | 1.6 | 12 |
| 122 | Parkinson's disease. <i>Lancet, The</i> , 2021, 397, 2284-2303. | 6.3 | 1,176 |
| 123 | Molecular Communication Between Neuronal Networks and Intestinal Epithelial Cells in Gut Inflammation and Parkinson's Disease. <i>Frontiers in Medicine</i> , 2021, 8, 655123. | 1.2 | 11 |
| 124 | Genetic Imaging of Neuroinflammation in Parkinson's Disease: Recent Advancements. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 655819. | 1.8 | 15 |
| 125 | Near-Infrared Radiation-Assisted Drug Delivery Nanoplatfrom to Realize Blood-Brain Barrier Crossing and Protection for Parkinsonian Therapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 37746-37760. | 4.0 | 28 |
| 126 | Hot Topics in Recent Parkinson's Disease Research: Where We are and Where We Should Go. <i>Neuroscience Bulletin</i> , 2021, 37, 1735-1744. | 1.5 | 19 |
| 127 | The Gut-Brain Axis in Inflammatory Bowel Disease—Current and Future Perspectives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8870. | 1.8 | 36 |
| 128 | A cyanine dye supramolecular FRET switch driven by G-quadruplex to monitor mitophagy. <i>Dyes and Pigments</i> , 2021, 192, 109429. | 2.0 | 8 |
| 129 | Basal Synaptic Transmission and Long-Term Plasticity at CA3-CA1 Synapses Are Unaffected in Young Adult PINK1-Deficient Rats. <i>Frontiers in Neuroscience</i> , 2021, 15, 655901. | 1.4 | 0 |
| 130 | Exploring human-genome gut-microbiome interaction in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2021, 7, 74. | 2.5 | 15 |
| 131 | Neonatal 6-OHDA lesion of the SNc induces striatal compensatory sprouting from surviving SNc dopaminergic neurons without VTA contribution. <i>European Journal of Neuroscience</i> , 2021, 54, 6618-6632. | 1.2 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 132 | UQCRC1 engages cytochrome c for neuronal apoptotic cell death. <i>Cell Reports</i> , 2021, 36, 109729. | 2.9 | 13 |
| 133 | The neuromicrobiology of Parkinson's disease: A unifying theory. <i>Ageing Research Reviews</i> , 2021, 70, 101396. | 5.0 | 24 |
| 134 | Identifying dominant-negative actions of a dopamine transporter variant in patients with parkinsonism and neuropsychiatric disease. <i>JCI Insight</i> , 2021, 6, . | 2.3 | 11 |
| 135 | Parkinson's disease and the gut: Models of an emerging relationship. <i>Acta Biomaterialia</i> , 2021, 132, 325-344. | 4.1 | 15 |
| 136 | The Gut-Brain Axis in Multiple Sclerosis. Is Its Dysfunction a Pathological Trigger or a Consequence of the Disease?. <i>Frontiers in Immunology</i> , 2021, 12, 718220. | 2.2 | 38 |
| 137 | Interplay of gut microbiota and oxidative stress: Perspective on neurodegeneration and neuroprotection. <i>Journal of Advanced Research</i> , 2022, 38, 223-244. | 4.4 | 86 |
| 138 | Citrobacter rodentium infection at the gut-brain axis interface. <i>Current Opinion in Microbiology</i> , 2021, 63, 59-65. | 2.3 | 5 |
| 139 | PARKIN modifies peripheral immune response and increases neuroinflammation in active experimental autoimmune encephalomyelitis (EAE). <i>Journal of Neuroimmunology</i> , 2021, 359, 577694. | 1.1 | 8 |
| 140 | Reassessing neurodegenerative disease: immune protection pathways and antagonistic pleiotropy. <i>Trends in Neurosciences</i> , 2021, 44, 771-780. | 4.2 | 10 |
| 141 | Parkinson's disease outside the brain: targeting the autonomic nervous system. <i>Lancet Neurology</i> , The, 2021, 20, 868-876. | 4.9 | 32 |
| 142 | Flavin-containing monooxygenase 1 deficiency promotes neuroinflammation in dopaminergic neurons in mice. <i>Neuroscience Letters</i> , 2021, 764, 136222. | 1.0 | 2 |
| 143 | The Nrf2-NLRP3-caspase-1 axis mediates the neuroprotective effects of Celastrol in Parkinson's disease. <i>Redox Biology</i> , 2021, 47, 102134. | 3.9 | 65 |
| 144 | Gut Dysbiosis and Neurological Disorders—An Eclectic Perspective. , 2022, , 489-500. | | 0 |
| 145 | Parkinson Disease. , 2021, , 109-133. | | 0 |
| 146 | Morbidity, Mortality, and Conversion to Neurodegenerative Diseases in Patients with REM Sleep Behavior Disorder and REM Sleep without Atonia. <i>Neuroepidemiology</i> , 2021, 55, 141-153. | 1.1 | 2 |
| 147 | Comprehensive Perspectives on Experimental Models for Parkinson's Disease. , 2021, 12, 223. | | 12 |
| 148 | Mitophagy in Parkinson's disease: From pathogenesis to treatment target. <i>Neurochemistry International</i> , 2020, 138, 104756. | 1.9 | 17 |
| 149 | PINK1 and Parkin: The odd couple. <i>Neuroscience Research</i> , 2020, 159, 25-33. | 1.0 | 8 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 150 | Autophagy in the mammalian nervous system: a primer for neuroscientists. <i>Neuronal Signaling</i> , 2019, 3, NS20180134. | 1.7 | 13 |
| 151 | Mitophagy pathways in health and disease. <i>Journal of Cell Biology</i> , 2020, 219, . | 2.3 | 121 |
| 155 | Minireview on the Relations between Gut Microflora and Parkinsonâ€™s Disease: Further Biochemical (Oxidative Stress), Inflammatory, and Neurological Particularities. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-15. | 1.9 | 18 |
| 156 | Chemical inhibition of FBXO7 reduces inflammation and confers neuroprotection by stabilizing the mitochondrial kinase PINK1. <i>JCI Insight</i> , 2020, 5, . | 2.3 | 40 |
| 157 | Mitophagy and Innate Immunity in Infection. <i>Molecules and Cells</i> , 2020, 43, 10-22. | 1.0 | 45 |
| 158 | Kill one or kill the many: interplay between mitophagy and apoptosis. <i>Biological Chemistry</i> , 2020, 402, 73-88. | 1.2 | 44 |
| 159 | Healthy Gut, Healthy Brain: The Gut Microbiome in Neurodegenerative Disorders. <i>Current Topics in Medicinal Chemistry</i> , 2020, 20, 1142-1153. | 1.0 | 28 |
| 160 | Culprit or Bystander: Defective Mitophagy in Alzheimerâ€™s Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 391. | 1.8 | 11 |
| 161 | A gut bacterial amyloid promotes Î±-synuclein aggregation and motor impairment in mice. <i>ELife</i> , 2020, 9, . | 2.8 | 251 |
| 162 | Inflammatory Bowel Disease and Patients With Mental Disorders: What Do We Know?. <i>Journal of Clinical Medicine Research</i> , 2021, 13, 466-473. | 0.6 | 9 |
| 163 | The PINK1 repertoire: Not just a one trick pony. <i>BioEssays</i> , 2021, 43, e2100168. | 1.2 | 9 |
| 164 | T-cell based immunotherapies for Parkinsonâ€™s disease. , 2021, 1, . | | 3 |
| 165 | Mitochondrial Extracellular Vesicles â€“ Origins and Roles. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 767219. | 1.4 | 53 |
| 166 | The Role of Pathogens and Anti-Infective Agents in Parkinsonâ€™s Disease, from Etiology to Therapeutic Implications. <i>Journal of Parkinson's Disease</i> , 2022, 12, 27-44. | 1.5 | 4 |
| 167 | The role of mitophagy during oocyte aging in human, mouse, and Drosophila: implications for oocyte quality and mitochondrial disease. <i>Reproduction and Fertility</i> , 2021, 2, R113-R129. | 0.6 | 13 |
| 168 | Managing risky assets â€“ mitophagy <i>in vivo</i> . <i>Journal of Cell Science</i> , 2021, 134, . | 1.2 | 11 |
| 172 | Emerging roles of ATG7 in human health and disease. <i>EMBO Molecular Medicine</i> , 2021, 13, e14824. | 3.3 | 61 |
| 173 | Issues in Laboratory Animal Science That Impact Toxicologic Pathology. , 2022, , 1077-1106. | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|------|-----------|
| 174 | PTEN-induced kinase 1 (PINK1) and Parkin: Unlocking a mitochondrial quality control pathway linked to Parkinson's disease. <i>Current Opinion in Neurobiology</i> , 2022, 72, 111-119. | 2.0 | 40 |
| 176 | Nanomaterials as novel agents for amelioration of Parkinson's disease. <i>Nano Today</i> , 2021, 41, 101328. | 6.2 | 18 |
| 180 | Ambient temperature structures the gut microbiota of zebrafish to impact the response to radioactive pollution. <i>Environmental Pollution</i> , 2022, 293, 118539. | 3.7 | 7 |
| 181 | PINK1 deficiency impairs osteoblast differentiation through aberrant mitochondrial homeostasis. <i>Stem Cell Research and Therapy</i> , 2021, 12, 589. | 2.4 | 21 |
| 182 | Neuro-Immunity and Gut Dysbiosis Drive Parkinson's Disease-Induced Pain. <i>Frontiers in Immunology</i> , 2021, 12, 759679. | 2.2 | 6 |
| 183 | PINK1 kinase dysfunction triggers neurodegeneration in the primate brain without impacting mitochondrial homeostasis. <i>Protein and Cell</i> , 2022, 13, 26-46. | 4.8 | 32 |
| 184 | Footprints of a microbial toxin from the gut microbiome to mesencephalic mitochondria. <i>Gut</i> , 2023, 72, 73-89. | 6.1 | 22 |
| 185 | Common Inflammatory Mechanisms in COVID-19 and Parkinson's Diseases: The Role of Microbiome, Pharmabiotics and Postbiotics in Their Prevention. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 6349-6381. | 1.6 | 28 |
| 186 | Ferroptosis as a Major Factor and Therapeutic Target for Neuroinflammation in Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 1679. | 1.4 | 27 |
| 187 | T cells, α -synuclein and Parkinson disease. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2022, 184, 439-455. | 1.0 | 8 |
| 188 | The Gut-Brain Axis and Its Relation to Parkinson's Disease: A Review. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 782082. | 1.7 | 59 |
| 189 | MEK inhibition overcomes chemoimmunotherapy resistance by inducing CXCL10 in cancer cells. <i>Cancer Cell</i> , 2022, 40, 136-152.e12. | 7.7 | 79 |
| 190 | Environmental factors in Parkinson's disease: New insights into the molecular mechanisms. <i>Toxicology Letters</i> , 2022, 356, 1-10. | 0.4 | 13 |
| 191 | Prussian Blue Nanozyme as a Pyroptosis Inhibitor Alleviates Neurodegeneration. <i>Advanced Materials</i> , 2022, 34, e2106723. | 11.1 | 91 |
| 193 | Microbes and Parkinson's disease: from associations to mechanisms. <i>Trends in Microbiology</i> , 2022, 30, 749-760. | 3.5 | 9 |
| 194 | MtDNA and DRP1 drive mitochondrial-derived vesicle biogenesis and promote quality control. <i>Nature Cell Biology</i> , 2021, 23, 1271-1286. | 4.6 | 105 |
| 195 | Low Dose of Deoxynivalenol Aggravates Intestinal Inflammation and Barrier Dysfunction Induced by Enterotoxigenic <i>Escherichia coli</i> Infection through Activating Macroautophagy/NLRP3 Inflammasomes. <i>Journal of Agricultural and Food Chemistry</i> , 2022, 70, 3009-3022. | 2.4 | 9 |
| 196 | Interactions Between Intestinal Microbiota and Neural Mitochondria: A New Perspective on Communicating Pathway From Gut to Brain. <i>Frontiers in Microbiology</i> , 2022, 13, 798917. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 197 | PTEN-Induced Putative Kinase 1 Dysfunction Accelerates Synucleinopathy. <i>Journal of Parkinson's Disease</i> , 2022, 12, 1201-1217. | 1.5 | 4 |
| 198 | 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> , 2022, 16, 836605. | 1.4 | 17 |
| 200 | Transcriptional analysis of peripheral memory T cells reveals Parkinson's disease-specific gene signatures. <i>Npj Parkinson's Disease</i> , 2022, 8, 30. | 2.5 | 20 |
| 201 | Neuronal Presentation of Antigen and Its Possible Role in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, S137-S147. | 1.5 | 6 |
| 202 | Therapeutic targeting of mitophagy in Parkinson's disease. <i>Biochemical Society Transactions</i> , 2022, 50, 783-797. | 1.6 | 20 |
| 203 | Pleiotropic effects of mitochondria in aging. <i>Nature Aging</i> , 2022, 2, 199-213. | 5.3 | 66 |
| 204 | Immune Response Modifications in the Genetic Forms of Parkinson's Disease: What Do We Know?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3476. | 1.8 | 5 |
| 205 | T Lymphocytes in Parkinson's Disease. <i>Journal of Parkinson's Disease</i> , 2022, 12, S65-S74. | 1.5 | 17 |
| 206 | Mitophagy and Neurodegeneration: Between the Knowns and the Unknowns. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 837337. | 1.8 | 17 |
| 207 | The contribution of altered neuronal autophagy to neurodegeneration. , 2022, 238, 108178. | | 22 |
| 208 | Systematic analysis of PINK1 variants of unknown significance shows intact mitophagy function for most variants. <i>Npj Parkinson's Disease</i> , 2021, 7, 113. | 2.5 | 6 |
| 209 | Neuromelanin in Parkinson's Disease: Tyrosine Hydroxylase and Tyrosinase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4176. | 1.8 | 32 |
| 215 | Similarities and differences between nigral and enteric dopaminergic neurons unravel distinctive involvement in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2022, 8, 50. | 2.5 | 14 |
| 216 | Mitochondrial quality control in health and in Parkinson's disease. <i>Physiological Reviews</i> , 2022, 102, 1721-1755. | 13.1 | 70 |
| 217 | Convergent pathways of the gut microbiota-brain axis and neurodegenerative disorders. <i>Gastroenterology Report</i> , 2022, 10, goac017. | 0.6 | 16 |
| 218 | Î-Synuclein Aggregation Induced by Vagal Application of DOPAL Mediates Time-Dependent Axonal Transport Dysfunction in Rats. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |
| 219 | Macroautophagy in CNS health and disease. <i>Nature Reviews Neuroscience</i> , 2022, 23, 411-427. | 4.9 | 44 |
| 220 | The Microbiota-Gut-Brain Axis in Depression: The Potential Pathophysiological Mechanisms and Microbiota Combined Antidepressant Effect. <i>Nutrients</i> , 2022, 14, 2081. | 1.7 | 21 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 221 | Parkinsonâ€™s Disease-Specific Autoantibodies against the Neuroprotective Co-Chaperone STIP1. <i>Cells</i> , 2022, 11, 1649. | 1.8 | 4 |
| 222 | Exploring the multifactorial aspects of Gut Microbiome in Parkinsonâ€™s Disease. <i>Folia Microbiologica</i> , 2022, 67, 693-706. | 1.1 | 9 |
| 223 | Microbiotaâ€™-brain axis: Context and causality. <i>Science</i> , 2022, 376, 938-939. | 6.0 | 49 |
| 224 | Neuroinflammation in Parkinsonâ€™s Disease â€“ Putative Pathomechanisms and Targets for Disease-Modification. <i>Frontiers in Immunology</i> , 2022, 13, . | 2.2 | 42 |
| 226 | Monoubiquitination in Homeostasis and Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5925. | 1.8 | 8 |
| 227 | Neurodegeneration and Neuroinflammation in Parkinsonâ€™s Disease: a Self-Sustained Loop. <i>Current Neurology and Neuroscience Reports</i> , 2022, 22, 427-440. | 2.0 | 21 |
| 228 | The microbiomeâ€™-gutâ€™-brain axis in Parkinson disease â€“ from basic research to the clinic. <i>Nature Reviews Neurology</i> , 2022, 18, 476-495. | 4.9 | 94 |
| 229 | The Pathological Mechanism Between the Intestine and Brain in the Early Stage of Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 0, 14, . | 1.7 | 3 |
| 231 | Mitochondria as Cellular and Organismal Signaling Hubs. <i>Annual Review of Cell and Developmental Biology</i> , 2022, 38, 179-218. | 4.0 | 52 |
| 233 | Update to the Treatment of Parkinsonâ€™s Disease Based on the Gut-Brain Axis Mechanism. <i>Frontiers in Neuroscience</i> , 0, 16, . | 1.4 | 11 |
| 234 | Reduced penetrance of Parkinsonâ€™s disease models. <i>Medizinische Genetik</i> , 2022, 34, 117-124. | 0.1 | 0 |
| 235 | Gut microenvironmental changes as a potential trigger in Parkinsonâ€™s disease through the gutâ€™-brain axis. <i>Journal of Biomedical Science</i> , 2022, 29, . | 2.6 | 25 |
| 236 | Feeding and lipophagy: it takes guts to deliver. <i>EMBO Journal</i> , 0, , . | 3.5 | 1 |
| 237 | mtDNA Maintenance and Alterations in the Pathogenesis of Neurodegenerative Diseases. <i>Current Neuropharmacology</i> , 2023, 21, 578-598. | 1.4 | 1 |
| 238 | Perturbed gut microbiota is gender-segregated in unipolar and bipolar depression. <i>Journal of Affective Disorders</i> , 2022, 317, 166-175. | 2.0 | 2 |
| 239 | Oxidative stress and synaptic dysfunction in rodent models of Parkinson's disease. <i>Neurobiology of Disease</i> , 2022, 173, 105851. | 2.1 | 17 |
| 240 | CircSV2b participates in oxidative stress regulation through miR-5107-5p-Foxk1-Akt1 axis in Parkinson's disease. <i>Redox Biology</i> , 2022, 56, 102430. | 3.9 | 22 |
| 241 | The gut-brain axis in the pathogenesis of Parkinsonâ€™s disease. <i>Brain Science Advances</i> , 2019, 5, 73-81. | 0.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 242 | Isoliquiritigenin attenuates neuroinflammation in mice model of Parkinson's disease by promoting Nrf2/NQO-1 pathway. <i>Translational Neuroscience</i> , 2022, 13, 301-308. | 0.7 | 2 |
| 243 | The many genomes of Parkinson's disease. <i>International Review of Neurobiology</i> , 2022, , . | 0.9 | 2 |
| 244 | Genetics and Pathogenesis of Parkinson's Syndrome. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2023, 18, 95-121. | 9.6 | 49 |
| 245 | Association between microbiological risk factors and neurodegenerative disorders: An umbrella review of systematic reviews and meta-analyses. <i>Frontiers in Psychiatry</i> , 0, 13, . | 1.3 | 1 |
| 246 | Progress in Parkinson's disease animal models of genetic defects: Characteristics and application. <i>Biomedicine and Pharmacotherapy</i> , 2022, 155, 113768. | 2.5 | 3 |
| 247 | Frontiers and future perspectives of neuroimmunology. <i>Fundamental Research</i> , 2022, , . | 1.6 | 0 |
| 249 | Mitophagy in the aging nervous system. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, . | 1.8 | 7 |
| 250 | Pericytes take up and degrade α -synuclein but succumb to apoptosis under cellular stress. <i>Scientific Reports</i> , 2022, 12, . | 1.6 | 7 |
| 251 | PINK1-PRKN mediated mitophagy: differences between <i>in vitro</i> and <i>in vivo</i> models. <i>Autophagy</i> , 2023, 19, 1396-1405. | 4.3 | 15 |
| 252 | PET imaging in animal models of Parkinson's disease. <i>Behavioural Brain Research</i> , 2023, 438, 114174. | 1.2 | 3 |
| 253 | Metagenomics of Parkinson's disease implicates the gut microbiome in multiple disease mechanisms. <i>Nature Communications</i> , 2022, 13, . | 5.8 | 73 |
| 254 | Neuron-periphery mitochondrial stress communication in aging and diseases. , 0, , . | | 3 |
| 255 | Neuroprotective Effects of <i>Bifidobacterium breve</i> CCFM1067 in MPTP-Induced Mouse Models of Parkinson's Disease. <i>Nutrients</i> , 2022, 14, 4678. | 1.7 | 16 |
| 256 | Physiological functions of mitophagy. <i>Current Opinion in Physiology</i> , 2022, 30, 100612. | 0.9 | 2 |
| 257 | Age related immune modulation of experimental autoimmune encephalomyelitis in PINK1 knockout mice. <i>Frontiers in Immunology</i> , 0, 13, . | 2.2 | 3 |
| 258 | T cells in the brain inflammation. <i>Advances in Immunology</i> , 2023, , 29-58. | 1.1 | 3 |
| 259 | Unaltered T cell responses to common antigens in individuals with Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2023, 444, 120510. | 0.3 | 8 |
| 260 | PINK1/Parkin-mediated mitophagy in neurodegenerative diseases. <i>Ageing Research Reviews</i> , 2023, 84, 101817. | 5.0 | 29 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 261 | Curcumin Regulates Gut Microbiota and Exerts a Neuroprotective Effect in the MPTP Model of Parkinson's Disease. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-16. | 0.5 | 10 |
| 262 | Mitochondrial DNA heteroplasmy distinguishes disease manifestation in <i>PINK1</i>/<i>PRKN</i>-linked Parkinson's disease. Brain, 2023, 146, 2753-2765. | 3.7 | 3 |
| 263 | The gut microbiota is an emerging target for improving brain health during ageing. Gut Microbiome, 2023, 4, . | 0.8 | 9 |
| 265 | Autophagy genes in biology and disease. Nature Reviews Genetics, 2023, 24, 382-400. | 7.7 | 106 |
| 266 | Mitochondrial signalling and homeostasis: from cell biology to neurological disease. Trends in Neurosciences, 2023, 46, 137-152. | 4.2 | 29 |
| 267 | LUHMES Cells: Phenotype Refinement and Development of an MPP+-Based Test System for Screening Antiparkinsonian Drugs. International Journal of Molecular Sciences, 2023, 24, 733. | 1.8 | 0 |
| 268 | Exploring the Neuroprotective Mechanism of Curcumin Inhibition of Intestinal Inflammation against Parkinson's Disease Based on the Gut-Brain Axis. Pharmaceuticals, 2023, 16, 39. | 1.7 | 5 |
| 270 | Integrated Multi-Cohort Analysis of the Parkinson's Disease Gut Metagenome. Movement Disorders, 2023, 38, 399-409. | 2.2 | 4 |
| 271 | PRKN/parkin-mediated mitophagy is induced by the probiotics <i>Saccharomyces boulardii</i> and <i>Lactococcus lactis</i>. Autophagy, 2023, 19, 2094-2110. | 4.3 | 1 |
| 272 | Intracellular to Interorgan Mitochondrial Communication in Striated Muscle in Health and Disease. Endocrine Reviews, 2023, 44, 668-692. | 8.9 | 9 |
| 273 | Effect of Non-Specific Porins from the Outer Membrane of Yersinia pseudotuberculosis on Mice Brain Cortex Tissues. Biochemistry (Moscow), 2023, 88, 142-151. | 0.7 | 0 |
| 274 | Role of Gut Microbiota in Neurological Disorders and Its Therapeutic Significance. Journal of Clinical Medicine, 2023, 12, 1650. | 1.0 | 12 |
| 275 | Signaling pathways in Parkinson's disease: molecular mechanisms and therapeutic interventions. Signal Transduction and Targeted Therapy, 2023, 8, . | 7.1 | 37 |
| 276 | Short-Chain Fatty Acids in the Microbiota-Gut-Brain Axis: Role in Neurodegenerative Disorders and Viral Infections. ACS Chemical Neuroscience, 2023, 14, 1045-1062. | 1.7 | 10 |
| 277 | Structure-based design and characterization of Parkin-activating mutations. Life Science Alliance, 2023, 6, e202201419. | 1.3 | 6 |
| 278 | Impaired Integrated Stress Response and Mitochondrial Integrity Modulate Genotoxic Stress Impact and Lower the Threshold for Immune Signalling. International Journal of Molecular Sciences, 2023, 24, 5891. | 1.8 | 1 |
| 279 | The Role of Microbes for Triggering Neurological Diseases. , 0, 36, 445-452. | | 0 |
| 280 | Allele-dependent interaction of LRRK2 and NOD2 in leprosy. PLoS Pathogens, 2023, 19, e1011260. | 2.1 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 281 | Microbiota and probiotics: chances and challenges – a symposium report. <i>Gut Microbiome</i> , 2023, 4, . | 0.8 | 1 |
| 283 | Structural Mechanisms of Mitochondrial Quality Control Mediated by PINK1 and Parkin. <i>Journal of Molecular Biology</i> , 2023, 435, 168090. | 2.0 | 10 |
| 285 | GSDMD in peripheral myeloid cells regulates microglial immune training and neuroinflammation in Parkinson's disease. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 2663-2679. | 5.7 | 2 |
| 303 | Different pieces of the same puzzle: a multifaceted perspective on the complex biological basis of Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2023, 9, . | 2.5 | 5 |
| 342 | The Gut Microbiota and NDG: What Is the Interplay. , 2024, , 1-34. | | 0 |