

Lisa Chakrabarti

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

2,178
citations

331259

21
h-index

395343

33
g-index

38
all docs

38
docs citations

38
times ranked

2943
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mutations in the endosomal ESCRTIII-complex subunit CHMP2B in frontotemporal dementia. <i>Nature Genetics</i> , 2005, 37, 806-808. | 9.4 | 752 |
| 2 | Evidence for a Rare Prostate Cancer Susceptibility Locus at Chromosome 1p36. <i>American Journal of Human Genetics</i> , 1999, 64, 776-787. | 2.6 | 292 |
| 3 | Autophagy activation and enhanced mitophagy characterize the Purkinje cells of pcd mice prior to neuronal death. <i>Molecular Brain</i> , 2009, 2, 24. | 1.3 | 95 |
| 4 | A Genomic Scan of Families with Prostate Cancer Identifies Multiple Regions of Interest. <i>American Journal of Human Genetics</i> , 2000, 67, 100-109. | 2.6 | 88 |
| 5 | Mitochondrial Complex 1 Activity Measured by Spectrophotometry Is Reduced across All Brain Regions in Ageing and More Specifically in Neurodegeneration. <i>PLoS ONE</i> , 2016, 11, e0157405. | 1.1 | 78 |
| 6 | Rapid and accurate analysis of stem cell-derived extracellular vesicles with super resolution microscopy and live imaging. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 1891-1900. | 1.9 | 72 |
| 7 | Analysis of Chromosome 1q42.2-43 in 152 Families with High Risk of Prostate Cancer. <i>American Journal of Human Genetics</i> , 1999, 64, 1087-1095. | 2.6 | 70 |
| 8 | New Approaches to Tay-Sachs Disease Therapy. <i>Frontiers in Physiology</i> , 2018, 9, 1663. | 1.3 | 68 |
| 9 | A Candidate Gene for Mild Mental Handicap at the Fraxe Fragile Site. <i>Human Molecular Genetics</i> , 1996, 5, 275-282. | 1.4 | 53 |
| 10 | Genetic Linkage Analysis of Prostate Cancer Families to Xq27q28. <i>Human Heredity</i> , 2001, 51, 107-113. | 0.4 | 46 |
| 11 | A mitochondrial location for haemoglobins Dynamic distribution in ageing and Parkinson's disease. <i>Mitochondrion</i> , 2014, 14, 64-72. | 1.6 | 46 |
| 12 | Linkage analysis of 150 high-risk prostate cancer families at 1q24-25. , 2000, 18, 251-275. | | 43 |
| 13 | Mitochondrial Dysfunction in NnaD Mutant Flies and Purkinje Cell Degeneration Mice Reveals a Role for Nna Proteins in Neuronal Bioenergetics. <i>Neuron</i> , 2010, 66, 835-847. | 3.8 | 40 |
| 14 | Mouse mitochondrial lipid composition is defined by age in brain and muscle. <i>Aging</i> , 2017, 9, 986-998. | 1.4 | 37 |
| 15 | Tau Protein in Frontotemporal Dementia Linked to Chromosome 3 (FTD-3). <i>Journal of Neuropathology and Experimental Neurology</i> , 2003, 62, 878-882. | 0.9 | 36 |
| 16 | The zinc-binding domain of Nna1 is required to prevent retinal photoreceptor loss and cerebellar ataxia in Purkinje cell degeneration (pcd) mice. <i>Vision Research</i> , 2008, 48, 1999-2005. | 0.7 | 36 |
| 17 | The Purkinje cell degeneration 5J mutation is a single amino acid insertion that destabilizes Nna1 protein. <i>Mammalian Genome</i> , 2006, 17, 103-110. | 1.0 | 35 |
| 18 | Mitochondrial proteomic profiling reveals increased carbonic anhydrase II in aging and neurodegeneration. <i>Aging</i> , 2016, 8, 2425-2436. | 1.4 | 33 |

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|----|--|-----|-----------|
| 19 | ATP synthase and Alzheimer's disease: putting a spin on the mitochondrial hypothesis. <i>Aging</i> , 2020, 12, 16647-16662. | 1.4 | 33 |
| 20 | Expression of the murine homologue of FMR2 in mouse brain and during development. <i>Human Molecular Genetics</i> , 1998, 7, 441-448. | 1.4 | 29 |
| 21 | Elevated 5hmC levels characterize DNA of the cerebellum in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2017, 3, 6. | 2.5 | 26 |
| 22 | Deletion of the Chd6 exon 12 affects motor coordination. <i>Mammalian Genome</i> , 2010, 21, 130-142. | 1.0 | 25 |
| 23 | Low-Power Sonication Can Alter Extracellular Vesicle Size and Properties. <i>Cells</i> , 2021, 10, 2413. | 1.8 | 25 |
| 24 | Proteomic profiling of mitochondria: what does it tell us about the ageing brain?. <i>Aging</i> , 2016, 8, 3161-3179. | 1.4 | 24 |
| 25 | Analysis of Mitochondrial haemoglobin in Parkinson's disease brain. <i>Mitochondrion</i> , 2016, 29, 45-52. | 1.6 | 22 |
| 26 | Defining a role for hemoglobin in Parkinson's disease. <i>Npj Parkinson's Disease</i> , 2016, 2, 16021. | 2.5 | 22 |
| 27 | Exposure to the ROCK inhibitor fasudil promotes gliogenesis of neural stem cells in vitro. <i>Stem Cell Research</i> , 2018, 28, 75-86. | 0.3 | 11 |
| 28 | A comparison of the mitochondrial proteome and lipidome in the mouse and long-lived <i>Pipistrellus</i> bats. <i>Aging</i> , 2019, 11, 1664-1685. | 1.4 | 11 |
| 29 | Population genetics of the FRAXE and FRAXF GCC repeats, and a novel CGG repeat, in Xq28. , 1997, 73, 463-469. | | 8 |
| 30 | Sex specific inflammatory profiles of cerebellar mitochondria are attenuated in Parkinson's disease. <i>Aging</i> , 2020, 12, 17713-17737. | 1.4 | 6 |
| 31 | Oxysterols and Oxysterol Sulfates in Alzheimer's Disease Brain and Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2022, 87, 1527-1536. | 1.2 | 6 |
| 32 | The dysregulated Pink1- <i>Drosophila</i> mitochondrial proteome is partially corrected with exercise. <i>Aging</i> , 2021, 13, 14709-14728. | 1.4 | 3 |
| 33 | Proteomic analysis of the ATP synthase interactome in notothenioids highlights a pathway that inhibits ceruloplasmin production. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 323, R181-R192. | 0.9 | 3 |
| 34 | Serum Cytokine Profile, Beta-Hexosaminidase A Enzymatic Activity and GM2 Ganglioside Levels in the Plasma of a Tay-Sachs Disease Patient after Cord Blood Cell Transplantation and Curcumin Administration: A Case Report. <i>Life</i> , 2021, 11, 1007. | 1.1 | 2 |
| 35 | Sox-positive cell population in the adult cerebellum increases upon tissue degeneration. <i>Experimental Neurology</i> , 2022, 348, 113950. | 2.0 | 2 |
| 36 | Exercising <i>D. melanogaster</i> Modulates the Mitochondrial Proteome and Physiology. The Effect on Lifespan Depends upon Age and Sex. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11606. | 1.8 | 0 |