# Lyle W Ostrow

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1033108/publications.pdf

Version: 2024-02-01

| 38 | 4,861 | 279701 | 330025 |
|---|---|---|---|
| papers | citations | 23 h-index | 37 g-index |

| 42 | 42 | 42 | 6882 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The C9orf72 repeat expansion disrupts nucleocytoplasmic transport. Nature, 2015, 525, 56-61. | 13.7 | 835 |
| 2 | RAN proteins and RNA foci from antisense transcripts in C9ORF72 ALS and frontotemporal dementia. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E4968-77. | 3.3 | 681 |
| 3 | An antisense oligonucleotide against SOD1 delivered intrathecally for patients with SOD1 familial amyotrophic lateral sclerosis: a phase 1, randomised, first-in-man study. Lancet Neurology, The, 2013, 12, 435-442. | 4.9 | 534 |
| 4 | Genome-wide Analyses Identify KIF5A as a Novel ALS Gene. Neuron, 2018, 97, 1268-1283.e6. | 3.8 | 517 |
| 5 | Degeneration and impaired regeneration of gray matter oligodendrocytes in amyotrophic lateral sclerosis. Nature Neuroscience, 2013, 16, 571-579. | 7.1 | 485 |
| 6 | Human endogenous retrovirus-K contributes to motor neuron disease. Science Translational Medicine, 2015, 7, 307ra153. | 5.8 | 369 |
| 7 | TDP-43 loss and ALS-risk SNPs drive mis-splicing and depletion of UNC13A. Nature, 2022, 603, 131-137. | 13.7 | 188 |
| 8 | Postmortem Cortex Samples Identify Distinct Molecular Subtypes of ALS: Retrotransposon Activation, Oxidative Stress, and Activated Glia. Cell Reports, 2019, 29, 1164-1177.e5. | 2.9 | 184 |
| 9 | Validation of serum neurofilaments as prognostic and potential pharmacodynamic biomarkers for ALS. Neurology, 2020, 95, e59-e69. | 1.5 | 119 |
| 10 | Shared polygenic risk and causal inferences in amyotrophic lateral sclerosis. Annals of Neurology, 2019, 85, 470-481. | 2.8 | 118 |
| 11 | Diseases of the nERVous system: retrotransposon activity in neurodegenerative disease. Mobile DNA, 2019, 10, 32. | 1.3 | 91 |
| 12 | Mechanosensation and endothelin in astrocytesâ€"hypothetical roles in CNS pathophysiology. Brain Research Reviews, 2005, 48, 488-508. | 9.1 | 87 |
| 13 | Unexpected similarities between C9ORF72 and sporadic forms of ALS/FTD suggest a common disease mechanism. ELife, 2018, 7, . | 2.8 | 53 |
| 14 | Transcriptional profiling of HERV-K(HML-2) in amyotrophic lateral sclerosis and potential implications for expression of HML-2 proteins. Molecular Neurodegeneration, 2018, 13, 39. | 4.4 | 47 |
| 15 | Association of Variants in the SPTLC1 Gene With Juvenile Amyotrophic Lateral Sclerosis. JAMA Neurology, 2021, 78, 1236. | 4.5 | 46 |
| 16 | Stretch induced endothelin-1 secretion by adult rat astrocytes involves calcium influx via stretch-activated ion channels (SACs). Biochemical and Biophysical Research Communications, 2011, 410, 81-86. | 1.0 | 43 |
| 17 | Distinct conformers of transmissible misfolded SOD1 distinguish human SOD1-FALS from other forms of familial and sporadic ALS. Acta Neuropathologica, 2016, 132, 827-840. | 3.9 | 42 |
| 18 | Nuclear export and translation of circular repeat-containing intronic RNA in C9ORF72-ALS/FTD. Nature Communications, 2021, 12, 4908. | 5.8 | 41 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mechanosensitive Ion Channels as Drug Targets. CNS and Neurological Disorders, 2004, 3, 287-295. | 4.3 | 40 |
| 20 | Properties of LINE-1 proteins and repeat element expression in the context of amyotrophic lateral sclerosis. Mobile DNA, 2018, 9, 35. | 1.3 | 37 |
| 21 | Clonally expanded CD8 T cells characterize amyotrophic lateral sclerosis-4. Nature, 2022, 606, 945-952. | 13.7 | 35 |
| 22 | An integrated multi-omic analysis of iPSC-derived motor neurons from C9ORF72 ALS patients. IScience, 2021, 24, 103221. | 1.9 | 27 |
| 23 | Loss of TDP-43 function and rimmed vacuoles persist after T cell depletion in a xenograft model of sporadic inclusion body myositis. Science Translational Medicine, 2022, 14, eabi9196. | 5.8 | 27 |
| 24 | Stretch-Induced Endothelin-1 Production by Astrocytes. Journal of Cardiovascular Pharmacology, 2000, 36, S274-S277. | 0.8 | 26 |
| 25 | FatalExserohilumMeningitis and Central Nervous System Vasculitis After Cervical Epidural Methylprednisolone Injection. Annals of Internal Medicine, 2012, 157, 835. | 2.0 | 24 |
| 26 | Editorial by concerned physicians: Unintended effect of the orphan drug act on the potential cost of 3,4-diaminopyridine. Muscle and Nerve, 2016, 53, 165-168. | 1.0 | 24 |
| 27 | Iatrogenic Exserohilum infection of the central nervous system: mycological identification and histopathological findings. Modern Pathology, 2013, 26, 166-170. | 2.9 | 23 |
| 28 | Loss of RAD-23 Protects Against Models of Motor Neuron Disease by Enhancing Mutant Protein Clearance. Journal of Neuroscience, 2015, 35, 14286-14306. | 1.7 | 23 |
| 29 | ALS Untangled No. 20: The Deanna Protocol. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2013, 14, 319-323. | 1.1 | 19 |
| 30 | Expanding the spectrum of monoclonal light chain deposition disease in muscle. Muscle and Nerve, 2012, 45, 755-761. | 1.0 | 15 |
| 31 | Eastchester clapping sign: A novel test of parietal neglect. Annals of Neurology, 2009, 66, 114-117. | 2.8 | 14 |
| 32 | Disseminated zoster with paresis in a multiple sclerosis patient treated with dimethyl fumarate. Neurology: Neuroimmunology and NeuroInflammation, 2016, 3, e203. | 3.1 | 13 |
| 33 | S-acylation of SOD1, CCS, and a stable SOD1-CCS heterodimer in human spinal cords from ALS and non-ALS subjects. Scientific Reports, 2017, 7, 41141. | 1.6 | 12 |
| 34 | MG53 Preserves Neuromuscular Junction Integrity and Alleviates ALS Disease Progression. Antioxidants, 2021, 10, 1522. | 2.2 | 6 |
| 35 | Retromer dysfunction in amyotrophic lateral sclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, . | 3.3 | 5 |
| 36 | Tonic status and electrodecremental paroxysms in an adult without epilepsy. Epileptic Disorders, 2011, 13, 99-101. | 0.7 | 3 |

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|---|---|---|---|
| 37 | ALSUntangled #63: ketogenic diets. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2023, 24, 159-163. | 1.1 | 3 |
| 38 | Teaching NeuroImages: Neurolymphomatosis. Neurology, 2019, 93, e1229-e1230. | 1.5 | 0 |