# Arne Raasakka

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6914264/publications.pdf

Version: 2024-02-01

| 32 | 640 | 759233 12 | 677142 22 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 50 | 50 | 50 | 767 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Structural and biophysical characterization of transcription factor HNF-1A as a tool to study MODY3 diabetes variants. Journal of Biological Chemistry, 2022, 298, 101803. | 3.4 | 4 |
| 2 | Structural insights into Charcotâ€“Marieâ€“Tooth diseaseâ€linked mutations in human GDAP1. FEBS Open Bio, 2022, 12, 1306-1324. | 2.3 | 6 |
| 3 | High-affinity anti-Arc nanobodies provide tools for structural and functional studies. PLoS ONE, 2022, 17, e0269281. | 2.5 | 5 |
| 4 | Human myelin proteolipid protein structure and lipid bilayer stacking. Cellular and Molecular Life Sciences, 2022, 79, . | 5.4 | 9 |
| 5 | Structure and substrate specificity determinants of the taurine biosynthetic enzyme cysteine sulphinic acid decarboxylase. Journal of Structural Biology, 2021, 213, 107674. | 2.8 | 3 |
| 6 | Structure of transmembrane prolyl 4-hydroxylase reveals unique organization of EF and dioxygenase domains. Journal of Biological Chemistry, 2021, 296, 100197. | 3.4 | 7 |
| 7 | How Does Protein Zero Assemble Compact Myelin?. Cells, 2020, 9, 1832. | 4.1 | 15 |
| 8 | Structure of the ALS Mutation Target Annexin A11 Reveals a Stabilising N-Terminal Segment. Biomolecules, 2020, 10, 660. | 4.0 | 10 |
| 9 | Flexible Players within the Sheaths: The Intrinsically Disordered Proteins of Myelin in Health and Disease. Cells, 2020, 9, 470. | 4.1 | 19 |
| 10 | Cryo-EM, X-ray diffraction, and atomistic simulations reveal determinants for the formation of a supramolecular myelin-like proteolipid lattice. Journal of Biological Chemistry, 2020, 295, 8692-8705. | 3.4 | 15 |
| 11 | Structure of the Complete Dimeric Human GDAP1 Core Domain Provides Insights into Ligand Binding and Clustering of Disease Mutations. Frontiers in Molecular Biosciences, 2020, 7, 631232. | 3.5 | 11 |
| 12 | Direct Binding of the Flexible C-Terminal Segment of Periaxin to Î²4 Integrin Suggests a Molecular Basis for CMT4F. Frontiers in Molecular Neuroscience, 2019, 12, 84. | 2.9 | 12 |
| 13 | Stability and flexibility of full-length human oligodendrocytic QKI6. BMC Research Notes, 2019, 12, 609. | 1.4 | 0 |
| 14 | Molecular structure and function of myelin protein P0 in membrane stacking. Scientific Reports, 2019, 9, 642. | 3.3 | 41 |
| 15 | Neuropathy-related mutations alter the membrane binding properties of the human myelin protein P0 cytoplasmic tail. PLoS ONE, 2019, 14, e0216833. | 2.5 | 11 |
| 16 | Ionic strength and calcium regulate membrane interactions of myelin basic protein and the cytoplasmic domain of myelin protein zero. Biochemical and Biophysical Research Communications, 2019, 511, 7-12. | 2.1 | 11 |
| 17 | Structure of the mouse acidic amino acid decarboxylase GADL1. Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 65-73. | 0.8 | 8 |
| 18 | Flexibility of the Myelin Scaffolding Protein Periaxin. Biophysical Journal, 2018, 114, 407a. | 0.5 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Structure and dynamics of a human myelin protein P2 portal region mutant indicate opening of the Î² barrel in fatty acid binding proteins. BMC Structural Biology, 2018, 18, 8. | 2.3 | 19 |
| 20 | Antagonistic Functions of MBP and CNP Establish Cytosolic Channels in CNS Myelin. Cell Reports, 2017, 18, 314-323. | 6.4 | 145 |
| 21 | Membrane Association Landscape of Myelin Basic Protein Portrays Formation of the Myelin Major Dense Line. Scientific Reports, 2017, 7, 4974. | 3.3 | 63 |
| 22 | Molecular mechanisms of Charcot-Marie-Tooth neuropathy linked to mutations in human myelin protein P2. Scientific Reports, 2017, 7, 6510. | 3.3 | 33 |
| 23 | Structural similarities and functional differences clarify evolutionary relationships between tRNA healing enzymes and the myelin enzyme CNPase. BMC Biochemistry, 2017, 18, 7. | 4.4 | 1 |
| 24 | Myelin-derived and putative molecular mimic peptides share structural properties in aqueous and membrane-like environments. Multiple Sclerosis and Demyelinating Disorders, 2017, 2, . | 1.1 | 9 |
| 25 | Structural and functional evolution of 2â€²,3â€²-cyclic nucleotide 3â€²-phosphodiesterase. Brain Research, 2016, 1641, 64-78. | 2.2 | 27 |
| 26 | Determinants of ligand binding and catalytic activity in the myelin enzyme 2â€²,3â€²-cyclic nucleotide 3â€²-phosphodiesterase. Scientific Reports, 2015, 5, 16520. | 3.3 | 26 |
| 27 | Production, crystallization and neutron diffraction of fully deuterated human myelin peripheral membrane protein P2. Acta Crystallographica Section F, Structural Biology Communications, 2015, 71, 1391-1395. | 0.8 | 11 |
| 28 | The N-terminal cytoplasmic domain of neuregulin 1 type III is intrinsically disordered. Amino Acids, 2015, 47, 1567-1577. | 2.7 | 8 |
| 29 | The myelin membrane-associated enzyme 2â€²,3â€²-cyclic nucleotide 3â€²-phosphodiesterase: on a highway to structure and function. Neuroscience Bulletin, 2014, 30, 956-966. | 2.9 | 52 |
| 30 | Crystallographic Analysis of the Reaction Cycle of 2â€²,3â€²-Cyclic Nucleotide 3â€²-Phosphodiesterase, a Unique Member of the 2H Phosphoesterase Family. Journal of Molecular Biology, 2013, 425, 4307-4322. | 4.2 | 16 |
| 31 | Membrane Interactions, Intrinsic Disorder, and Unknown Functions of Myelin Proteins. Biophysical Journal, 2013, 104, 548a. | 0.5 | 0 |
| 32 | Myelin 2â€²,3â€²-Cyclic Nucleotide 3â€²-Phosphodiesterase: Active-Site Ligand Binding and Molecular Conformation. PLoS ONE, 2012, 7, e32336. | 2.5 | 31 |