# Jernej JorgaÄevski

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8880483/publications.pdf

Version: 2024-02-01

| 56 | 1,358 | 279701 | 360920 |
|---|---|---|---|
| papers | citations | 23 | 35 |
| | | h-index | g-index |

| 57 | 57 | 57 | 1543 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Vesicle cholesterol controls exocytotic fusion pore. Cell Calcium, 2022, 101, 102503. | 1.1 | 13 |
| 2 | Neurotropic Viruses, Astrocytes, and COVID-19. Frontiers in Cellular Neuroscience, 2021, 15, 662578. | 1.8 | 40 |
| 3 | Plectin in the Central Nervous System and a Putative Role in Brain Astrocytes. Cells, 2021, 10, 2353. | 1.8 | 11 |
| 4 | Methods for Monitoring Endocytosis in Astrocytes. Methods in Molecular Biology, 2021, 2233, 93-100. | 0.4 | 2 |
| 5 | Nestin regulates vesicular dynamics in proliferative reactive astrocyte. Acta Physiologica, 2020, 228, e13409. | 1.8 | 1 |
| 6 | Insights into Cell Surface Expression, Supramolecular Organization, and Functions of Aquaporin 4 Isoforms in Astrocytes. Cells, 2020, 9, 2622. | 1.8 | 25 |
| 7 | Indirect Role of AQP4b and AQP4d Isoforms in Dynamics of Astrocyte Volume and Orthogonal Arrays of Particles. Cells, 2020, 9, 735. | 1.8 | 12 |
| 8 | The Diversity of Intermediate Filaments in Astrocytes. Cells, 2020, 9, 1604. | 1.8 | 32 |
| 9 | Astrocyte Specific Remodeling of Plasmalemmal Cholesterol Composition by Ketamine Indicates a New Mechanism of Antidepressant Action. Scientific Reports, 2019, 9, 10957. | 1.6 | 29 |
| 10 | ZIKV Strains Differentially Affect Survival of Human Fetal Astrocytes versus Neurons and Traffic of ZIKV-Laden Endocytotic Compartments. Scientific Reports, 2019, 9, 8069. | 1.6 | 32 |
| 11 | Astrocytes in Flavivirus Infections. International Journal of Molecular Sciences, 2019, 20, 691. | 1.8 | 54 |
| 12 | Ã…ngstrom-size exocytotic fusion pore: Implications for pituitary hormone secretion. Molecular and Cellular Endocrinology, 2018, 463, 65-71. | 1.6 | 13 |
| 13 | Impaired Î±GDI Function in the X-Linked Intellectual Disability: The Impact on Astroglia Vesicle Dynamics. Molecular Neurobiology, 2017, 54, 2458-2468. | 1.9 | 7 |
| 14 | Astrocytic Vesicleâ€based Exocytosis in Cultures and Acutely Isolated Hippocampal Rodent Slices. Journal of Neuroscience Research, 2017, 95, 2152-2158. | 1.3 | 8 |
| 15 | AQP4e-Based Orthogonal Arrays Regulate Rapid Cell Volume Changes in Astrocytes. Journal of Neuroscience, 2017, 37, 10748-10756. | 1.7 | 34 |
| 16 | Sphingomimetic multiple sclerosis drug FTY720 activates vesicular synaptobrevin and augments neuroendocrine secretion. Scientific Reports, 2017, 7, 5958. | 1.6 | 13 |
| 17 | Exocytotic fusion pores as a target for therapy. Cell Calcium, 2017, 66, 71-77. | 1.1 | 2 |
| 18 | Exocytotic pore in a SNARE. Oncotarget, 2017, 8, 38082-38083. | 0.8 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Astrocyte Aquaporin Dynamics in Health and Disease. International Journal of Molecular Sciences, 2016, 17, 1121. | 1.8 | 50 |
| 20 | Subanesthetic doses of ketamine stabilize the fusion pore in a narrow flickering state in astrocytes. Journal of Neurochemistry, 2016, 138, 909-917. | 2.1 | 26 |
| 21 | Dominant negative SNARE peptides stabilize the fusion pore in a narrow, release-unproductive state. Cellular and Molecular Life Sciences, 2016, 73, 3719-3731. | 2.4 | 53 |
| 22 | Unproductive exocytosis. Journal of Neurochemistry, 2016, 137, 880-889. | 2.1 | 9 |
| 23 | Fusion Properties of Gliotransmitter Vesicles in Cultured Astrocytes. Biophysical Journal, 2015, 108, 102a. | 0.2 | 0 |
| 24 | Local electrostatic interactions determine the diameter of fusion pores. Channels, 2015, 9, 96-101. | 1.5 | 4 |
| 25 | Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels and cAMP-Dependent Modulation of Exocytosis in Cultured Rat Lactotrophs. Journal of Neuroscience, 2014, 34, 15638-15647. | 1.7 | 20 |
| 26 | Single-vesicle architecture of synaptobrevin2 in astrocytes. Nature Communications, 2014, 5, 3780. | 5.8 | 40 |
| 27 | Exocytotic Fusion Pore Intermediates of Dense-Core Vesicles. Biophysical Journal, 2014, 106, 10a-11a. | 0.2 | 0 |
| 28 | Fusion Properties of Gliotransmitter Vesicles in Astrocytes. Biophysical Journal, 2014, 106, 526a. | 0.2 | 0 |
| 29 | Tick-Borne Encephalitis Virus Infects Rat Astrocytes but Does Not Affect Their Viability. PLoS ONE, 2014, 9, e86219. | 1.1 | 52 |
| 30 | Pathophysiology of Vesicle Dynamics in Astrocytes. , 2014, , 33-60. | | 1 |
| 31 | Fusion Pores, SNAREs, and Exocytosis. Neuroscientist, 2013, 19, 160-174. | 2.6 | 29 |
| 32 | Cholesterol-mediated membrane surface area dynamics in neuroendocrine cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 1228-1238. | 1.2 | 12 |
| 33 | Regulation of AQP4 surface expression via vesicle mobility in astrocytes. Glia, 2013, 61, 917-928. | 2.5 | 61 |
| 34 | High-resolution membrane capacitance measurements for the study of exocytosis and endocytosis. Nature Protocols, 2013, 8, 1169-1183. | 5.5 | 56 |
| 35 | Vesicle size determines unitary exocytic properties and their sensitivity to sphingosine. Molecular and Cellular Endocrinology, 2013, 376, 136-147. | 1.6 | 34 |
| 36 | cAMP-Mediated Stabilization of Fusion Pores in Cultured Rat Pituitary Lactotrophs. Journal of Neuroscience, 2013, 33, 8068-8078. | 1.7 | 33 |

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|---|---|---|---|
| 37 | Astrocytic Vesicle Mobility in Health and Disease. International Journal of Molecular Sciences, 2013, 14, 11238-11258. | 1.8 | 48 |
| 38 | Comparison of unitary exocytic events in pituitary lactotrophs and in astrocytes: modeling the discrete open fusion-pore states. Frontiers in Cellular Neuroscience, 2013, 7, 33. | 1.8 | 4 |
| 39 | Munc18â€“1, exocytotic fusion pore regulation and local membrane anisotropy. Communicative and Integrative Biology, 2012, 5, 74-77. | 0.6 | 3 |
| 40 | Fusion pore regulation in peptidergic vesicles. Cell Calcium, 2012, 52, 270-276. | 1.1 | 8 |
| 41 | Fusion Pore Diameter Regulation by Cations Modulating Local Membrane Anisotropy. Scientific World Journal, The, 2012, 2012, 1-7. | 0.8 | 7 |
| 42 | Erratum to â€œFusion Pore Diameter Regulation by Cations Modulating Local Membrane Anisotropyâ€. Scientific World Journal, The, 2012, 2012, 1-1. | 0.8 | 5 |
| 43 | Exploring the binding dynamics of BAR proteins. Cellular and Molecular Biology Letters, 2011, 16, 398-411. | 2.7 | 6 |
| 44 | How to Make a Stable Exocytotic Fusion Pore, Incompetent of Neurotransmitter and Hormone Release from the Vesicle Lumen?. Behavior Research Methods, 2011, 14, 45-61. | 2.3 | 0 |
| 45 | Munc18-1 Tuning of Vesicle Merger and Fusion Pore Properties. Journal of Neuroscience, 2011, 31, 9055-9066. | 1.7 | 67 |
| 46 | Fusion pore stability of peptidergic vesicles. Molecular Membrane Biology, 2010, 27, 65-80. | 2.0 | 64 |
| 47 | Life and death in aluminium-exposed cultures of rat lactotrophs studied by flow cytometry. Cell Biology and Toxicology, 2010, 26, 341-353. | 2.4 | 3 |
| 48 | Fusion Pore: An Evolutionary Invention of Nucleated Cells. European Review, 2010, 18, 347-364. | 0.4 | 5 |
| 49 | The Fusion Pore and Vesicle Cargo Discharge Modulation. Annals of the New York Academy of Sciences, 2009, 1152, 135-144. | 1.8 | 16 |
| 50 | Compound Exocytosis in Pituitary Cells. Annals of the New York Academy of Sciences, 2009, 1152, 63-75. | 1.8 | 16 |
| 51 | Sphingosine Facilitates SNARE Complex Assembly and Activates Synaptic Vesicle Exocytosis. Neuron, 2009, 62, 683-694. | 3.8 | 136 |
| 52 | Fusion Pore Regulation of Peptidergic Vesicles. Biophysical Journal, 2009, 96, 99a. | 0.2 | 0 |
| 53 | Hypotonicity and peptide discharge from a single vesicle. American Journal of Physiology - Cell Physiology, 2008, 295, C624-C631. | 2.1 | 26 |
| 54 | Subnanometer Fusion Pores in Spontaneous Exocytosis of Peptidergic Vesicles. Journal of Neuroscience, 2007, 27, 4737-4746. | 1.7 | 106 |

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|---|---|---|---|
| 55 | Elementary properties of spontaneous fusion of peptidergic vesicles: fusion pore gating. Journal of Physiology, 2007, 585, 655-661. | 1.3 | 29 |
| 56 | Chapter 12 Exocytosis: The Pulsing Fusion Pore. Behavior Research Methods, 2006, , 345-364. | 2.3 | 0 |