

Frederik Vilhardt

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,028
citations

687363

13
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

2023
citing authors

#	ARTICLE	IF	CITATIONS
1	Microglia: phagocyte and glia cell. <i>International Journal of Biochemistry and Cell Biology</i> , 2005, 37, 17-21.	2.8	205
2	Tubulin Polymerization-promoting Protein (TPPP/p25 $\hat{\pm}$) Promotes Unconventional Secretion of $\hat{\pm}$ -Synuclein through Exophagy by Impairing Autophagosome-Lysosome Fusion. <i>Journal of Biological Chemistry</i> , 2013, 288, 17313-17335.	3.4	189
3	The phagocyte NADPH oxidase depends on cholesterol-enriched membrane microdomains for assembly. <i>EMBO Journal</i> , 2004, 23, 739-748.	7.8	163
4	Role for Dynamin in Late Endosome Dynamics and Trafficking of the Cation-independent Mannose 6-Phosphate Receptor. <i>Molecular Biology of the Cell</i> , 2000, 11, 481-495.	2.1	83
5	Super-resolution microscopy reveals functional organization of dopamine transporters into cholesterol and neuronal activity-dependent nanodomains. <i>Nature Communications</i> , 2017, 8, 740.	12.8	73
6	Effects of F/G-actin ratio and actin turn-over rate on NADPH oxidase activity in microglia. <i>BMC Immunology</i> , 2010, 11, 44.	2.2	49
7	The $\hat{\pm}2\hat{\pm}2$ isoform combination dominates the astrocytic Na ⁺ /K ⁺ -ATPase activity and is rendered nonfunctional by the $\hat{\pm}2.G301R$ familial hemiplegic migraine type 2-associated mutation. <i>Glia</i> , 2017, 65, 1777-1793.	4.9	46
8	Urokinase-Type Plasminogen Activator Receptor Is Internalized by Different Mechanisms in Polarized and Nonpolarized Madinâ€“Darby Canine Kidney Epithelial Cells. <i>Molecular Biology of the Cell</i> , 1999, 10, 179-195.	2.1	39
9	NADPH Oxidase Is Internalized by Clathrin-coated Pits and Localizes to a Rab27A/B GTPase-regulated Secretory Compartment in Activated Macrophages. <i>Journal of Biological Chemistry</i> , 2012, 287, 4835-4852.	3.4	29
10	Macropinocytosis Is the Entry Mechanism of Amphotropic Murine Leukemia Virus. <i>Journal of Virology</i> , 2015, 89, 1851-1866.	3.4	29
11	Prelysosomal Compartments in the Unconventional Secretion of Amyloidogenic Seeds. <i>International Journal of Molecular Sciences</i> , 2017, 18, 227.	4.1	24
12	Reciprocal signals between microglia and neurons regulate $\hat{\pm}$ -synuclein secretion by exophagy through a neuronal cJUN-N-terminal kinase-signaling axis. <i>Journal of Neuroinflammation</i> , 2016, 13, 59.	7.2	20
13	The dynamic uptake and release of SOD3 from intracellular stores in macrophages modulates the inflammatory response. <i>Redox Biology</i> , 2019, 26, 101268.	9.0	17
14	Meningiomaâ€“Brain Crosstalk: A Scoping Review. <i>Cancers</i> , 2021, 13, 4267.	3.7	12
15	The C-terminal peptide of CCL21 drastically augments CCL21 activity through the dendritic cell lymph node homing receptor CCR7 by interaction with the receptor N-terminus. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 6963-6978.	5.4	11
16	Evaluating the involvement of cerebral microvascular endothelial Na ⁺ /K ⁺ -ATPase and Na ⁺ -K ⁺ -2Cl ⁻ co-transporter in electrolyte fluxes in an in vitro bloodâ€“brain barrier model of dehydration. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 497-512.	4.3	9
17	The role of systemic inflammatory cells in meningiomas. <i>Neurosurgical Review</i> , 2022, 45, 1205-1215.	2.4	9
18	Novel and Converging Ways of NOX2 and SOD3 in Trafficking and Redox Signaling in Macrophages. <i>Antioxidants</i> , 2021, 10, 172.	5.1	8

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19	Nicotinamide Adenine Dinucleotide Phosphate Oxidases Are Everywhere in Brain Disease, but Not in Huntingtonâ€™s Disease?. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 736734.	3.4	3