

# Johanna Andrae

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7516117/publications.pdf>

Version: 2024-02-01

22  
papers

4,612  
citations

516710

16  
h-index

642732

23  
g-index

24  
all docs

24  
docs citations

24  
times ranked

8820  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of platelet-derived growth factors in physiology and medicine. <i>Genes and Development</i> , 2008, 22, 1276-1312.	5.9	1,904
2	A molecular atlas of cell types and zonation in the brain vasculature. <i>Nature</i> , 2018, 554, 475-480.	27.8	1,310
3	Activation of PDGF-CC by tissue plasminogen activator impairs blood-brain barrier integrity during ischemic stroke. <i>Nature Medicine</i> , 2008, 14, 731-737.	30.7	405
4	Single-cell RNA sequencing of mouse brain and lung vascular and vessel-associated cell types. <i>Scientific Data</i> , 2018, 5, 180160.	5.3	316
5	Skin Adipocyte Stem Cell Self-Renewal Is Regulated by a PDGFA/AKT-Signaling Axis. <i>Cell Stem Cell</i> , 2016, 19, 738-751.	11.1	105
6	Pericytes Stimulate Oligodendrocyte Progenitor Cell Differentiation during CNS Remyelination. <i>Cell Reports</i> , 2017, 20, 1755-1764.	6.4	100
7	PDGF-A and PDGF-B induces cardiac fibrosis in transgenic mice. <i>Experimental Cell Research</i> , 2016, 349, 282-290.	2.6	83
8	Platelet-Specific PDGFB Ablation Impairs Tumor Vessel Integrity and Promotes Metastasis. <i>Cancer Research</i> , 2020, 80, 3345-3358.	0.9	47
9	PDGF-A signaling is required for secondary alveolar septation and controls epithelial proliferation in the developing lung. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	46
10	Powerful Homeostatic Control of Oligodendroglial Lineage by PDGFR $\beta$ in Adult Brain. <i>Cell Reports</i> , 2019, 27, 1073-1089.e5.	6.4	46
11	Platelet-derived growth factor-B and -C and active $\beta$ -receptors in medulloblastoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2002, 296, 604-611.	2.1	38
12	Expression analysis of platelet-derived growth factor receptor alpha and its ligands in the developing mouse lung. <i>Physiological Reports</i> , 2017, 5, e13092.	1.7	36
13	Platelet-Derived Growth Factor C Deficiency in C57BL/6 Mice Leads to Abnormal Cerebral Vascularization, Loss of Neuroependymal Integrity, and Ventricular Abnormalities. <i>American Journal of Pathology</i> , 2012, 180, 1136-1144.	3.8	34
14	A role for PDGF-C/PDGFR $\beta$ signaling in the formation of the meningeal basement membranes surrounding the cerebral cortex. <i>Biology Open</i> , 2016, 5, 461-474.	1.2	26
15	Vascular PDGFR-alpha protects against BBB dysfunction after stroke in mice. <i>Angiogenesis</i> , 2021, 24, 35-46.	7.2	26
16	Characterization of Platelet-Derived Growth Factor-A Expression in Mouse Tissues Using a lacZ Knock-In Approach. <i>PLoS ONE</i> , 2014, 9, e105477.	2.5	25
17	Lung developmental arrest caused by PDGF-A deletion: consequences for the adult mouse lung. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L831-L843.	2.9	11
18	Forced expression of platelet-derived growth factor B in the mouse cerebellar primordium changes cell migration during midline fusion and causes cerebellar ectopia. <i>Molecular and Cellular Neurosciences</i> , 2004, 26, 308-321.	2.2	9

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19	Analysis of Mice Lacking the Heparin-Binding Splice Isoform of Platelet-Derived Growth Factor A. <i>Molecular and Cellular Biology</i> , 2013, 33, 4030-4040.	2.3	8
20	Isoform-Specific Modulation of Inflammation Induced by Adenoviral Mediated Delivery of Platelet-Derived Growth Factors in the Adult Mouse Heart. <i>PLoS ONE</i> , 2016, 11, e0160930.	2.5	8
21	A human cell type similar to murine central nervous system perivascular fibroblasts. <i>Experimental Cell Research</i> , 2021, 402, 112576.	2.6	8
22	Inverse correlation between vascular endothelial growth factor back-filtration and capillary filtration pressures. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, 1514-1525.	0.7	7