

# Johanna P Laakkonen

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

692  
citations

623734

14  
h-index

580821

25  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1021  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prostaglandin E <sub>2</sub> –EP2–NF- $\kappa$ B signaling in macrophages as a potential therapeutic target for intracranial aneurysms. <i>Science Signaling</i> , 2017, 10, .	3.6	121
2	BMP6/TAZ-Hippo signaling modulates angiogenesis and endothelial cell response to VEGF. <i>Angiogenesis</i> , 2021, 24, 129-144.	7.2	91
3	Clathrin-Independent Entry of Baculovirus Triggers Uptake of E. coli in Non-Phagocytic Human Cells. <i>PLoS ONE</i> , 2009, 4, e5093.	2.5	43
4	Differential regulation of angiogenic cellular processes and claudin-5 by histamine and VEGF via PI3K-signaling, transcription factor SNAI2 and interleukin-8. <i>Angiogenesis</i> , 2017, 20, 109-124.	7.2	38
5	6-O- and N-Sulfated Syndecan-1 Promotes Baculovirus Binding and Entry into Mammalian Cells. <i>Journal of Virology</i> , 2013, 87, 11148-11159.	3.4	35
6	Tumor targeting of baculovirus displaying a lymphatic homing peptide. <i>Journal of Gene Medicine</i> , 2008, 10, 1019-1031.	2.8	33
7	Downregulation of VEGFR3 signaling alters cardiac lymphatic vessel organization and leads to a higher mortality after acute myocardial infarction. <i>Scientific Reports</i> , 2018, 8, 16709.	3.3	33
8	Baculovirus-mediated immediate-early gene expression and nuclear reorganization in human cells. <i>Cellular Microbiology</i> , 2008, 10, 667-681.	2.1	32
9	Epigenetic Upregulation of Endogenous VEGF-A Reduces Myocardial Infarct Size in Mice. <i>PLoS ONE</i> , 2014, 9, e89979.	2.5	29
10	Beyond endothelial cells: Vascular endothelial growth factors in heart, vascular anomalies and placenta. <i>Vascular Pharmacology</i> , 2019, 112, 91-101.	2.1	25
11	Coxsackievirus B3-Induced Cellular Protrusions: Structural Characteristics and Functional Competence. <i>Journal of Virology</i> , 2011, 85, 6714-6724.	3.4	23
12	Recent Advancements in Cardiovascular Gene Therapy and Vascular Biology. <i>Human Gene Therapy</i> , 2015, 26, 518-524.	2.7	20
13	Culture medium induced vimentin reorganization associates with enhanced baculovirus-mediated gene delivery. <i>Journal of Biotechnology</i> , 2010, 145, 111-119.	3.8	18
14	Profiling of Primary and Mature miRNA Expression in Atherosclerosis-Associated Cell Types. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 2149-2167.	2.4	17
15	Axon Guidance-Related Factor FLRT3 Regulates VEGF-Signaling and Endothelial Cell Function. <i>Frontiers in Physiology</i> , 2019, 10, 224.	2.8	16
16	Hypoxia-Mediated Regulation of Histone Demethylases Affects Angiogenesis-Associated Functions in Endothelial Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2665-2677.	2.4	15
17	Cell Susceptibility to Baculovirus Transduction and Echovirus Infection Is Modified by Protein Kinase C Phosphorylation and Vimentin Organization. <i>Journal of Virology</i> , 2013, 87, 9822-9835.	3.4	14
18	Wall Shear Stress Predicts Media Degeneration and Biomechanical Changes in Thoracic Aorta. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	14

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19	Slit2 modifies VEGF-induced angiogenic responses in rabbit skeletal muscle via reduced eNOS activity. <i>Cardiovascular Research</i> , 2015, 107, 267-276.	3.8	13
20	Characterization of a functional endothelial super-enhancer that regulates ADAMTS18 and angiogenesis. <i>Nucleic Acids Research</i> , 2021, 49, 8078-8096.	14.5	13
21	Transcellular Targeting of Fiber- and Hexon-Modified Adenovirus Vectors across the Brain Microvascular Endothelial Cells In Vitro. <i>PLoS ONE</i> , 2012, 7, e45977.	2.5	11
22	Large Vessel Cell Heterogeneity and Plasticity: Focus in Aortic Aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 811-818.	2.4	11
23	Snake venom VEGF Vammin induces a highly efficient angiogenic response in skeletal muscle via VEGFR-2/NRP specific signaling. <i>Scientific Reports</i> , 2017, 7, 5525.	3.3	9
24	Morphological characterization of baculovirus <i>Autographa californica</i> multiple nucleopolyhedrovirus. <i>Virus Research</i> , 2010, 148, 71-74.	2.2	7
25	Assessment of the Relaxation-Enhancing Properties of a Nitroxide-Based Contrast Agent TEEPO-Glc with <i>In Vivo</i> Magnetic Resonance Imaging. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-8.	0.8	5
26	The Ablation of VEGFR-1 Signaling Promotes Pressure Overload-Induced Cardiac Dysfunction and Sudden Death. <i>Biomolecules</i> , 2021, 11, 452.	4.0	3
27	Cyclo-oxygenase 2, a putative mediator of vessel remodeling, is expressed in the brain AVM vessels and associates with inflammation. <i>Acta Neurochirurgica</i> , 2021, 163, 2503-2514.	1.7	3
28	Animal Models of Gene Therapy for Cardiovascular Disease. , 2016, , 691-705.		0
29	Gene and protein therapy approaches to cardiac neovascularization and protection from ischemia. , 2020, , 649-666.		0
30	Abstract 18166: Increasing Endothelialization of BMS and DES With Intra-arterial AdVEGF-A Gene Therapy in Porcine Coronary Arteries. <i>Circulation</i> , 2015, 132, .	1.6	0