

# Johanna M Nystedt

## List of Publications by Year in descending order

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33  
papers

1,485  
citations

394421

19  
h-index

414414

32  
g-index

33  
all docs

33  
docs citations

33  
times ranked

2576  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell analysis of human adipose tissue identifies depot- and disease-specific cell types. <i>Nature Metabolism</i> , 2020, 2, 97-109.	11.9	272
2	The Orexin/Hypocretin System in Zebrafish Is Connected to the Aminergic and Cholinergic Systems. <i>Journal of Neuroscience</i> , 2004, 24, 2678-2689.	3.6	261
3	Cell Surface Structures Influence Lung Clearance Rate of Systemically Infused Mesenchymal Stromal Cells. <i>Stem Cells</i> , 2013, 31, 317-326.	3.2	103
4	Human umbilical cord blood cells do not improve sensorimotor or cognitive outcome following transient middle cerebral artery occlusion in rats. <i>Brain Research</i> , 2006, 1123, 207-215.	2.2	86
5	Intra-arterial infusion of human bone marrow-derived mesenchymal stem cells results in transient localization in the brain after cerebral ischemia in rats. <i>Experimental Neurology</i> , 2013, 239, 158-162.	4.1	70
6	Safety and biodistribution study of bone marrow-derived mesenchymal stromal cells and mononuclear cells and the impact of the administration route in an intact porcine model. <i>Cytotherapy</i> , 2015, 17, 392-402.	0.7	66
7	Umbilical Cord Blood-derived Progenitor Cells Enhance Muscle Regeneration in Mouse Hindlimb Ischemia Model. <i>Molecular Therapy</i> , 2007, 15, 2172-2177.	8.2	63
8	Mitochondrial Function and Energy Metabolism in Umbilical Cord Blood- and Bone Marrow-Derived Mesenchymal Stem Cells. <i>Stem Cells and Development</i> , 2012, 21, 575-588.	2.1	62
9	A robust and reproducible animal serum-free culture method for clinical-grade bone marrow-derived mesenchymal stromal cells. <i>Cytotechnology</i> , 2016, 68, 891-906.	1.6	46
10	Human bone marrow mesenchymal stem/stromal cells produce efficient localization in the brain and enhanced angiogenesis after intra-arterial delivery in rats with cerebral ischemia, but this is not translated to behavioral recovery. <i>Behavioural Brain Research</i> , 2014, 259, 50-59.	2.2	41
11	The Utilization of Freezing Steps in Mesenchymal Stromal Cell (MSC) Manufacturing: Potential Impact on Quality and Cell Functionality Attributes. <i>Frontiers in Immunology</i> , 2019, 10, 1627.	4.8	38
12	HLA-DR expression in clinical-grade bone marrow-derived multipotent mesenchymal stromal cells: a two-site study. <i>Stem Cell Research and Therapy</i> , 2019, 10, 164.	5.5	38
13	Transient Proteolytic Modification of Mesenchymal Stromal Cells Increases Lung Clearance Rate and Targeting to Injured Tissue. <i>Stem Cells Translational Medicine</i> , 2013, 2, 510-520.	3.3	34
14	Differential Clearance of Rat and Human Bone Marrow-Derived Mesenchymal Stem Cells from the Brain after Intra-arterial Infusion in Rats. <i>Cell Transplantation</i> , 2015, 24, 819-828.	2.5	27
15	Human CMP-N-Acetylneuraminic Acid Hydroxylase Is a Novel Stem Cell Marker Linked to Stem Cell-Specific Mechanisms. <i>Stem Cells</i> , 2010, 28, 258-267.	3.2	26
16	The Isolation and Culture of Human Cord Blood-Derived Mesenchymal Stem Cells Under Low Oxygen Conditions. <i>Methods in Molecular Biology</i> , 2011, 698, 63-73.	0.9	23
17	Immunomonitoring of MSC-Treated GvHD Patients Reveals Only Moderate Potential for Response Prediction but Indicates Treatment Safety. <i>Molecular Therapy - Methods and Clinical Development</i> , 2018, 9, 109-118.	4.1	22
18	Pain- and morphine-associated transcriptional regulation of neuropeptide FF and the G-protein-coupled NPPF2 receptor gene. <i>Neurobiology of Disease</i> , 2004, 16, 254-262.	4.4	21

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19	Clumping and Viability of Bone Marrow Derived Mesenchymal Stromal Cells under Different Preparation Procedures: A Flow Cytometry-Based In Vitro Study. <i>Stem Cells International</i> , 2016, 2016, 1-8.	2.5	20
20	Expression of neural cell adhesion molecule and polysialic acid in human bone marrow-derived mesenchymal stromal cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 113.	5.5	20
21	Human cord blood CD34+ cells and behavioral recovery following focal cerebral ischemia in rats. <i>Acta Neurobiologiae Experimentalis</i> , 2006, 66, 293-300.	0.7	20
22	Culturing and characterization of astrocytes isolated from juvenile rainbow trout ( <i>Oncorhynchus tshawytscha</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2002, 133, 17-28.	1.8	16
23	Analysis of human neuropeptide FF gene expression. <i>Journal of Neurochemistry</i> , 2002, 82, 1330-1342.	3.9	15
24	Expression of neuropeptide FF, prolactin-releasing peptide, and the receptor UHR1/GPR10 genes during embryogenesis in the rat. <i>Developmental Dynamics</i> , 2003, 226, 561-569.	1.8	15
25	Recombinant human type II collagen hydrogel provides a xeno-free 3D micro-environment for chondrogenesis of human bone marrow-derived mesenchymal stromal cells. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 843-854.	2.7	14
26	Unexpected Complication in a Rat Stroke Model: Exacerbation of Secondary Pathology in the Thalamus by Subacute Intraarterial Administration of Human Bone Marrow-Derived Mesenchymal Stem Cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 363-366.	4.3	12
27	Identification of transcriptional regulators of neuropeptide FF gene expression. <i>Peptides</i> , 2006, 27, 1020-1035.	2.4	11
28	The use of unlicensed bone marrow-derived platelet lysate-expanded mesenchymal stromal cells in colitis: a pre-clinical study. <i>Cytotherapy</i> , 2019, 21, 175-188.	0.7	10
29	Extracellular O-Linked N-Acetylglucosamine Is Enriched in Stem Cells Derived from Human Umbilical Cord Blood. <i>BioResearch Open Access</i> , 2014, 3, 39-44.	2.6	9
30	Chondrogenic differentiation of human bone marrow-derived mesenchymal stromal cells in a three-dimensional environment. <i>Journal of Cellular Physiology</i> , 2020, 235, 3497-3507.	4.1	9
31	Rational Autologous Cell Sources For Therapy of Heart Failure - Vehicles and Targets For Gene and RNA Therapies. <i>Current Gene Therapy</i> , 2016, 16, 21-33.	2.0	9
32	Xeno-free chondrogenesis of bone marrow mesenchymal stromal cells: towards clinical-grade chondrocyte production. <i>Cytotechnology</i> , 2015, 67, 905-919.	1.6	5
33	Toward a More Effective Intravascular Cell Therapy in Stroke. , 0, , .		1