

Jo Anne S Stratton

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,714
citations

361296

20
h-index

360920

35
g-index

37
all docs

37
docs citations

37
times ranked

2617
citing authors

#	ARTICLE	IF	CITATIONS
1	MicroRNA-210 regulates the metabolic and inflammatory status of primary human astrocytes. <i>Journal of Neuroinflammation</i> , 2022, 19, 10.	3.1	26
2	Human Oligodendrocyte Myelination Potential; Relation to Age and Differentiation. <i>Annals of Neurology</i> , 2022, 91, 178-191.	2.8	9
3	Diverse injury responses of human oligodendrocyte to mediators implicated in multiple sclerosis. <i>Brain</i> , 2022, 145, 4320-4333.	3.7	9
4	The role of glial cells in multiple sclerosis disease progression. <i>Nature Reviews Neurology</i> , 2022, 18, 237-248.	4.9	53
5	Contact-Dependent Granzyme B-Mediated Cytotoxicity of Th17-Polarized Cells Toward Human Oligodendrocytes. <i>Frontiers in Immunology</i> , 2022, 13, 850616.	2.2	7
6	Regional and age-related diversity of human mature oligodendrocytes. <i>Glia</i> , 2022, 70, 1938-1949.	2.5	9
7	Age-related injury responses of human oligodendrocytes to metabolic insults: link to BCL-2 and autophagy pathways. <i>Communications Biology</i> , 2021, 4, 20.	2.0	17
8	Profiling Chromatin Accessibility at Single-cell Resolution. <i>Genomics, Proteomics and Bioinformatics</i> , 2021, 19, 172-190.	3.0	18
9	Single Cell Transcriptomics of Ependymal Cells Across Age, Region and Species Reveals Cilia-Related and Metal Ion Regulatory Roles as Major Conserved Ependymal Cell Functions. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 703951.	1.8	31
10	Midbrain organoids with an <i>SNCA</i> gene triplication model key features of synucleinopathy. <i>Brain Communications</i> , 2021, 3, fcab223.	1.5	37
11	Cage-lid hanging behavior as a translationally relevant measure of pain in mice. <i>Pain</i> , 2021, 162, 1416-1425.	2.0	35
12	Distinct Regulatory Programs Control the Latent Regenerative Potential of Dermal Fibroblasts during Wound Healing. <i>Cell Stem Cell</i> , 2020, 27, 396-412.e6.	5.2	120
13	Macrophages and Associated Ligands in the Aged Injured Nerve: A Defective Dynamic That Contributes to Reduced Axonal Regrowth. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 174.	1.7	12
14	Microglia response following acute demyelination is heterogeneous and limits infiltrating macrophage dispersion. <i>Science Advances</i> , 2020, 6, eaay6324.	4.7	130
15	Spectral Characterization of Stem Cell-Derived Myelination within the Injured Adult PNS Using the Solvatochromic Dye Nile Red. <i>Cells</i> , 2020, 9, 189.	1.8	0
16	Developmental trajectory of oligodendrocyte progenitor cells in the human brain revealed by single cell RNA sequencing. <i>Glia</i> , 2020, 68, 1291-1303.	2.5	44
17	Dysfunction of Hair Follicle Mesenchymal Progenitors Contributes to Age-Associated Hair Loss. <i>Developmental Cell</i> , 2020, 53, 185-198.e7.	3.1	56
18	Ependymal cells and multiple sclerosis: proposing a relationship. <i>Neural Regeneration Research</i> , 2020, 15, 263.	1.6	10

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19	Droplet Barcoding-Based Single Cell Transcriptomics of Adult Mammalian Tissues. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
20	A tale of two cousins: Ependymal cells, quiescent neural stem cells and potential mechanisms driving their functional divergence. <i>FEBS Journal</i> , 2019, 286, 3110-3116.	2.2	11
21	A novel approach to 32-channel peripheral nervous system myelin imaging in vivo, with single axon resolution. <i>Journal of Neurosurgery</i> , 2018, 130, 163-171.	0.9	7
22	Single-Cell Transcriptomics and Fate Mapping of Ependymal Cells Reveals an Absence of Neural Stem Cell Function. <i>Cell</i> , 2018, 173, 1045-1057.e9.	13.5	139
23	Factors Within the Endoneurial Microenvironment Act to Suppress Tumorigenesis of MPNST. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 356.	1.8	3
24	Macrophages Regulate Schwann Cell Maturation after Nerve Injury. <i>Cell Reports</i> , 2018, 24, 2561-2572.e6.	2.9	142
25	Macrophages Promote Wound-Induced Hair Follicle Regeneration in a CX3CR1- and TGF- β 1-Dependent Manner. <i>Journal of Investigative Dermatology</i> , 2018, 138, 2111-2122.	0.3	48
26	Microglial pannexin-1 channel activation is a spinal determinant of joint pain. <i>Science Advances</i> , 2018, 4, eaas9846.	4.7	73
27	AlphaB-crystallin regulates remyelination after peripheral nerve injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1707-E1716.	3.3	32
28	Serum-free bioprocessing of adult human and rodent skin-derived Schwann cells: implications for cell therapy in nervous system injury. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 3385-3397.	1.3	8
29	Myelinogenic Plasticity of Oligodendrocyte Precursor Cells following Spinal Cord Contusion Injury. <i>Journal of Neuroscience</i> , 2017, 37, 8635-8654.	1.7	104
30	Purification and Characterization of Schwann Cells from Adult Human Skin and Nerve. <i>ENeuro</i> , 2017, 4, ENEURO.0307-16.2017.	0.9	49
31	The immunomodulatory properties of adult skin-derived precursor <sc>Schwann cells: implications for peripheral nerve injury therapy. <i>European Journal of Neuroscience</i> , 2016, 43, 365-375.	1.2	37
32	Temporal Analysis of Gene Expression in the Murine Schwann Cell Lineage and the Acutely Injured Postnatal Nerve. <i>PLoS ONE</i> , 2016, 11, e0153256.	1.1	41
33	Macrophage polarization in nerve injury: do Schwann cells play a role?. <i>Neural Regeneration Research</i> , 2016, 11, 53.	1.6	64
34	Adult Neural Precursor Cells from the Subventricular Zone Contribute Significantly to Oligodendrocyte Regeneration and Remyelination. <i>Journal of Neuroscience</i> , 2014, 34, 14128-14146.	1.7	215
35	Targeted Ablation of Oligodendrocytes Induces Axonal Pathology Independent of Overt Demyelination. <i>Journal of Neuroscience</i> , 2012, 32, 8317-8330.	1.7	97