

Åsa Fex Svenningsen

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,672
citations

394421

19
h-index

302126

39
g-index

48
all docs

48
docs citations

48
times ranked

2968
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimization of chemically defined cell culture media – Replacing fetal bovine serum in mammalian in vitro methods. <i>Toxicology in Vitro</i> , 2010, 24, 1053-1063.	2.4	457
2	Glial Membranes at the Node of Ranvier Prevent Neurite Outgrowth. <i>Science</i> , 2005, 310, 1813-1817.	12.6	147
3	Repair of the Peripheral Nerve – Remyelination that Works. <i>Brain Sciences</i> , 2013, 3, 1182-1197.	2.3	85
4	Rapid method for culturing embryonic neuron-glia cell cocultures. <i>Journal of Neuroscience Research</i> , 2003, 72, 565-573.	2.9	75
5	Exposure to brominated flame retardant PBDE-99 affects cytoskeletal protein expression in the neonatal mouse cerebral cortex. <i>NeuroToxicology</i> , 2008, 29, 628-637.	3.0	62
6	Oxaliplatin-Induced Neuropathy in Colorectal Cancer: Many Questions With Few Answers. <i>Clinical Colorectal Cancer</i> , 2014, 13, 73-80.	2.3	51
7	Estrogen and progesterone stimulate Schwann cell proliferation in a sex- and age-dependent manner. , 1999, 57, 124-130.		48
8	Vasoactive intestinal peptide and nitric oxide promote survival of adult rat myenteric neurons in culture. <i>Journal of Neuroscience Research</i> , 2003, 72, 595-602.	2.9	48
9	Psychiatry in a Dish: Stem Cells and Brain Organoids Modeling Autism Spectrum Disorders. <i>Biological Psychiatry</i> , 2018, 83, 558-568.	1.3	48
10	MALDI mass spectrometry based molecular phenotyping of CNS glial cells for prediction in mammalian brain tissue. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 135-147.	3.7	46
11	Insulin and the insulin-like growth factors I and II are mitogenic to cultured rat sciatic nerve segments and stimulate [³ H]thymidine incorporation through their respective receptors. , 1996, 18, 68-72.		45
12	Experimental Demyelination and Axonal Loss Are Reduced in MicroRNA-146a Deficient Mice. <i>Frontiers in Immunology</i> , 2018, 9, 490.	4.8	43
13	Satellite cells of dorsal root ganglia are multipotential glial precursors. <i>Neuron Glia Biology</i> , 2004, 1, 85-93.	1.6	39
14	The Minimal Essential Unit for Cadherin-mediated Intercellular Adhesion Comprises Extracellular Domains 1 and 2. <i>Journal of Biological Chemistry</i> , 2004, 279, 55914-55923.	3.4	38
15	Low density lipoprotein receptor-related protein-2/megalin is expressed in oligodendrocytes in the mouse spinal cord white matter. <i>Journal of Neuroscience Research</i> , 2006, 83, 864-873.	2.9	33
16	Microfluidic high viability neural cell separation using viscoelastically tuned hydrodynamic spreading. <i>Biomedical Microdevices</i> , 2008, 10, 631-638.	2.8	31
17	The insulin-like growth factors I and II stimulate proliferation of different types of Schwann cells. <i>NeuroReport</i> , 1997, 8, 2871-2876.	1.2	30
18	Orthologous proteins of experimental de- and remyelination are differentially regulated in the CSF proteome of multiple sclerosis subtypes. <i>PLoS ONE</i> , 2018, 13, e0202530.	2.5	28

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19	Insulin and IGF-II, but not IGF-I, stimulate the in vitro regeneration of adult frog sciatic sensory axons. <i>Brain Research</i> , 1994, 641, 76-82.	2.2	27
20	The modular xylanase Xyn10A from <i>Rhodothermus marinus</i> is cell-attached, and its C-terminal domain has several putative homologues among cell-attached proteins within the phylum Bacteroidetes. <i>FEMS Microbiology Letters</i> , 2004, 241, 233-242.	1.8	27
21	<i>In Vitro</i> Neurotoxicity of PBDE-99: Immediate and Concentration-Dependent Effects on Protein Expression in Cerebral Cortex Cells. <i>Journal of Proteome Research</i> , 2010, 9, 1226-1235.	3.7	26
22	Absence of miRNA-146a Differentially Alters Microglia Function and Proteome. <i>Frontiers in Immunology</i> , 2020, 11, 1110.	4.8	20
23	Glycoprotein Inhibition Exacerbates Paclitaxel Neurotoxicity in Neurons and Patients With Cancer. <i>Clinical Pharmacology and Therapeutics</i> , 2020, 108, 671-680.	4.7	20
24	Macrophage migration inhibitory factor (MIF) modulates trophic signaling through interaction with serine protease HTRA1. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 4561-4572.	5.4	19
25	Regulation of Schwann cell proliferation in cultured segments of the adult rat sciatic nerve. , 1998, 52, 530-537.		18
26	Extracellular clusterin promotes neuronal network complexity in vitro. <i>NeuroReport</i> , 2008, 19, 1487-1491.	1.2	15
27	Expression and regulation of CYP17A1 and 3 β -hydroxysteroid dehydrogenase in cells of the nervous system: Potential effects of vitamin D on brain steroidogenesis. <i>Neurochemistry International</i> , 2018, 113, 46-55.	3.8	14
28	Cladribine modifies functional properties of microglia. <i>Clinical and Experimental Immunology</i> , 2020, 201, 328-340.	2.6	13
29	The Rat Homolog of the Schizophrenia Susceptibility Gene ZNF804A Is Highly Expressed during Brain Development, Particularly in Growth Cones. <i>PLoS ONE</i> , 2015, 10, e0132456.	2.5	13
30	GABA and its β -receptor are present at the node of Ranvier in a small population of sensory fibers, implicating a role in myelination. <i>Journal of Neuroscience Research</i> , 2015, 93, 285-295.	2.9	12
31	Genetic Ablation of Soluble TNF Does Not Affect Lesion Size and Functional Recovery after Moderate Spinal Cord Injury in Mice. <i>Mediators of Inflammation</i> , 2016, 2016, 1-15.	3.0	12
32	Effects on DHEA levels by estrogen in rat astrocytes and CNS co-cultures via the regulation of CYP7B1-mediated metabolism. <i>Neurochemistry International</i> , 2011, 58, 620-624.	3.8	10
33	Spatiotemporal distribution and function of N-cadherin in postnatal Schwann cells: A matter of adhesion?. <i>Journal of Neuroscience Research</i> , 2010, 88, 2338-2349.	2.9	9
34	Generation of human induced pluripotent stem cells (SDUKli002-A) from a 22-year-old male diagnosed with autism spectrum disorder. <i>Stem Cell Research</i> , 2020, 46, 101834.	0.7	8
35	MDMA (Ecstasy) Decreases the Number of Neurons and Stem Cells in Embryonic Cortical Cultures. <i>Cellular and Molecular Neurobiology</i> , 2010, 30, 13-21.	3.3	7
36	A Low Ethanol Dose Affects all Types of Cells in Mixed Long-Term Embryonic Cultures of the Cerebellum. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2010, 106, 472-478.	2.5	7

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37	Environmental cues from CNS, PNS, and ENS cells regulate CNS progenitor differentiation. <i>NeuroReport</i> , 2008, 19, 1283-1289.	1.2	6
38	Opioid precursor protein isoform is targeted to the cell nuclei in the human brain. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 246-255.	2.4	6
39	The levels of the serine protease HTRA1 in cerebrospinal fluid correlate with progression and disability in multiple sclerosis. <i>Journal of Neurology</i> , 2021, 268, 3316-3324.	3.6	6
40	Derivation of induced pluripotent stem cells (SDUKli003-A) from a 20-year-old male patient diagnosed with Asperger syndrome. <i>Stem Cell Research</i> , 2020, 48, 101974.	0.7	5
41	MIF in the cerebrospinal fluid is decreased during relapsing-remitting while increased in secondary progressive multiple sclerosis. <i>Journal of the Neurological Sciences</i> , 2022, 439, 120320.	0.6	5
42	Establishment of an induced pluripotent stem (iPS) cell line (SDUKli006-A) from a 21-year old male patient diagnosed with atypical autism disorder. <i>Stem Cell Research</i> , 2021, 51, 102185.	0.7	4
43	Effects of Insulin and Insulin-like Growth Factor-2 on the In Vitro Regeneration of the Frog Sciatic Nerve. <i>Annals of the New York Academy of Sciences</i> , 1993, 692, 291-294.	3.8	3
44	Generation of autism spectrum disorder patient-derived iPSC line SDUKli004-A. <i>Stem Cell Research</i> , 2020, 49, 102038.	0.7	3
45	Microfluidic high viability separation of neural cells. , 2009, , .		2
46	Generation of High-Yield, Functional Oligodendrocytes from a c-myc Immortalized Neural Cell Line, Endowed with Staminal Properties. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1124.	4.1	1
47	The myelin membrane influences the organization of molecules on the axonal surface. <i>Journal of Neurochemistry</i> , 2008, 81, 68-68.	3.9	0
48	The Development of Hindlimb Postural Asymmetry Induced by Focal Traumatic Brain Injury Is Not Related to Serotonin 2A/C Receptor Expression in the Spinal Cord. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5358.	4.1	0