Charlotte H Jensen

List of Publications by Year in Descending Order

74 papers	2,893 citations	33 h-index	53 g-index
77 ext. papers	3,118 ext. citations	5.1 avg, IF	4.61 L-index

#	Paper	IF	Citations
74	Adipose-derived regenerative cells and lipotransfer in alleviating breast cancer-related lymphedema: An open-label phase I trial with 4 years of follow-up. *Stem Cells Translational Medicine* , **2021**, 10, 844-854	6.9	8
73	Dlk1 regulates quiescence in calcitonin receptor-mutant muscle stem cells. *Stem Cells*, **2021**, 39, 306-317	5.8	3
72	The imprinted gene Delta like non-canonical Notch ligand 1 (Dlk1) is conserved in mammals, and serves a growth modulatory role during tissue development and regeneration through Notch dependent and independent mechanisms. *Cytokine and Growth Factor Reviews*, **2019**, 46, 17-27	17.9	17
71	The imprinted gene Delta like non-canonical notch ligand 1 (Dlk1) associates with obesity and triggers insulin resistance through inhibition of skeletal muscle glucose uptake. *EBioMedicine*, **2019**, 46, 368-380	8.8	9
70	Expression and Functional Analyses of Dlk1 in Muscle Stem Cells and Mesenchymal Progenitors during Muscle Regeneration. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	7
69	MESP1 knock-down in human iPSC attenuates early vascular progenitor cell differentiation after completed primitive streak specification. *Developmental Biology*, **2019**, 445, 1-7	3.1	7
68	Adipose-derived regenerative cells and fat grafting for treating breast cancer-related lymphedema: Lymphoscintigraphic evaluation with 1 year of follow-up. *Journal of Plastic, Reconstructive and Aesthetic Surgery*, **2019**, 72, 71-77	1.7	17
67	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. *Bone*, **2018**, 110, 312-320	4.7	4
66	A 12-Month Follow-up After a Single Intracavernous Injection of Autologous Adipose-Derived Regenerative Cells in Patients with Erectile Dysfunction Following Radical Prostatectomy: An Open-Label Phase I Clinical Trial. *Urology*, **2018**, 121, 203.e6-203.e13	1.6	29
65	Human and Autologous Adipose-derived Stromal Cells Increase Flap Survival in Rats Independently of Host Immune Response. *Annals of Plastic Surgery*, **2018**, 80, 181-187	1.7	2
64	The non-canonical NOTCH1 ligand Delta-like 1 homolog (DLK1) self interacts in mammals. *International Journal of Biological Macromolecules*, **2017**, 97, 460-467	7.9	8
63	Cardiac injury of the newborn mammalian heart accelerates cardiomyocyte terminal differentiation. *Scientific Reports*, **2017**, 7, 8362	4.9	25
62	Concise Review: A Safety Assessment of Adipose-Derived Cell Therapy in Clinical Trials: A Systematic Review of Reported Adverse Events. *Stem Cells Translational Medicine*, **2017**, 6, 1786-1794	6.9	84
61	Treatment of Breast Cancer-Related Lymphedema with Adipose-Derived Regenerative Cells and Fat Grafts: A Feasibility and Safety Study. *Stem Cells Translational Medicine*, **2017**, 6, 1666-1672	6.9	23
60	Neonatal epicardial-derived progenitors aquire myogenic traits in skeletal muscle, but not cardiac muscle. *International Journal of Cardiology*, **2016**, 222, 448-456	3.2	0
59	Cell-Assisted Lipotransfer Using Autologous Adipose-Derived Stromal Cells for Alleviation of Breast Cancer-Related Lymphedema. *Stem Cells Translational Medicine*, **2016**, 5, 857-9	6.9	20
58	A 3-month age difference profoundly alters the primary rat stromal vascular fraction phenotype. *Acta Histochemica*, **2016**, 118, 513-8	2	3

57	Evidence of non-canonical NOTCH signaling: Delta-like 1 homolog (DLK1) directly interacts with the NOTCH1 receptor in mammals. *Cellular Signalling*, **2016**, 28, 246-54	4.9	33
56	Persistent scarring and dilated cardiomyopathy suggest incomplete regeneration of the apex resected neonatal mouse myocardium--A 180 days follow up study. *Journal of Molecular and Cellular Cardiology*, **2016**, 90, 47-52	5.8	23
55	Safety and Potential Effect of a Single Intracavernous Injection of Autologous Adipose-Derived Regenerative Cells in Patients with Erectile Dysfunction Following Radical Prostatectomy: An Open-Label Phase I Clinical Trial. *EBioMedicine*, **2016**, 5, 204-10	8.8	90
54	Comments to the article "A systematic analysis of neonatal mouse heart regeneration after apical resection". *Journal of Molecular and Cellular Cardiology*, **2015**, 82, 59	5.8	4
53	Characterization of fetal antigen 1/delta-like 1 homologue expressing cells in the rat nigrostriatal system: effects of a unilateral 6-hydroxydopamine lesion. *PLoS ONE*, **2015**, 10, e0116088	3.7	3
52	Response to Sadek et al. and Kotlikoff et al. *Stem Cell Reports*, **2014**, 3, 3-4	8	10
51	Do neonatal mouse hearts regenerate following heart apex resection?. *Stem Cell Reports*, **2014**, 2, 406-13	8	88
50	Horse serum reduces expression of membrane-bound and soluble isoforms of the preadipocyte marker Delta-like 1 homolog (Dlk1), but is inefficient for adipogenic differentiation of mouse preadipocytes. *Acta Histochemica*, **2013**, 115, 401-6	2	3
49	Angiotensin II regulates microRNA-132/-212 in hypertensive rats and humans. *International Journal of Molecular Sciences*, **2013**, 14, 11190-207	6.3	98
48	Molecular constituents of the extracellular matrix in rat liver mounting a hepatic progenitor cell response for tissue repair. *Fibrogenesis and Tissue Repair*, **2013**, 6, 21		15
47	Stem cell survival is severely compromised by the thymidineanalog EdU (5-ethynyl-2′-deoxyuridine), an alternative to BrdU for proliferation assays and stem cell tracing. *Analytical and Bioanalytical Chemistry*, **2013**, 405, 9585-91	4.4	7
46	Poor engraftment potential of epicardial progenitors upon intramyocardial transplantation into the neonatal mouse heart. *International Journal of Cardiology*, **2013**, 168, 4360-2	3.2	3
45	Dual role of delta-like 1 homolog (DLK1) in skeletal muscle development and adult muscle regeneration. *Development (Cambridge)*, **2013**, 140, 3743-53	6.6	47
44	Preadipocytes proliferate and differentiate under the guidance of Delta-like 1 homolog (DLK1). *Adipocyte*, **2013**, 2, 272-5	3.2	32
43	Delta-like 1 homolog (dlk1): a marker for rhabdomyosarcomas implicated in skeletal muscle regeneration. *PLoS ONE*, **2013**, 8, e60692	3.7	5
42	SPARC is up-regulated during skeletal muscle regeneration and inhibits myoblast differentiation. *Histology and Histopathology*, **2013**, 28, 1451-60	1.4	20
41	Quantitative gene expression profiling of CD45+ and CD45- skeletal muscle-derived side population cells. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2012**, 81, 72-80	4.6	4
40	Membrane-tethered delta-like 1 homolog (DLK1) restricts adipose tissue size by inhibiting preadipocyte proliferation. *Diabetes*, **2012**, 61, 2814-22	0.9	45

39	Newly formed skeletal muscle fibers are prone to false positive immunostaining by rabbit antibodies. *Acta Histochemica*, **2011**, 113, 68-71	2	2
38	Development of novel monoclonal antibodies that define differentiation stages of human stromal (mesenchymal) stem cells. *Molecules and Cells*, **2011**, 32, 133-42	3.5	13
37	Delta-like 1/fetal antigen-1 (Dlk1/FA1) is a novel regulator of chondrogenic cell differentiation via inhibition of the Akt kinase-dependent pathway. *Journal of Biological Chemistry*, **2011**, 286, 32140-9	5.4	43
36	MicroRNA-15a fine-tunes the level of Delta-like 1 homolog (DLK1) in proliferating 3T3-L1 preadipocytes. *Experimental Cell Research*, **2010**, 316, 1681-91	4.2	56
35	Secreted protein acidic and rich in cysteine (SPARC) in human skeletal muscle. *Journal of Histochemistry and Cytochemistry*, **2009**, 57, 29-39	3.4	47
34	"The preadipocyte factor" DLK1 marks adult mouse adipose tissue residing vascular cells that lack in vitro adipogenic differentiation potential. *FEBS Letters*, **2009**, 583, 2947-53	3.8	11
33	Characterization of DLK1+ cells emerging during skeletal muscle remodeling in response to myositis, myopathies, and acute injury. *Stem Cells*, **2009**, 27, 898-908	5.8	46
32	Human serum levels of fetal antigen 1 (FA1/Dlk1) increase with obesity, are negatively associated with insulin sensitivity and modulate inflammation in vitro. *International Journal of Obesity*, **2008**, 32, 1122-9	5.5	38
31	Delta-like 1 participates in the specification of ventral midbrain progenitor derived dopaminergic neurons. *Journal of Neurochemistry*, **2008**, 104, 1101-15	6	40
30	Non-cultured adipose-derived CD45- side population cells are enriched for progenitors that give rise to myofibres in vivo. *Experimental Cell Research*, **2008**, 314, 2951-64	4.2	34
29	Purification of fetal liver stem/progenitor cells containing all the repopulation potential for normal adult rat liver. *Gastroenterology*, **2008**, 134, 823-32	13.3	118
28	Expansion and characterization of ventral mesencephalic precursor cells: effect of mitogens and investigation of FA1 as a potential dopaminergic marker. *Journal of Neuroscience Research*, **2007**, 85, 1884-93	4.4	18
27	Dlk1/FA1 is a novel endocrine regulator of bone and fat mass and its serum level is modulated by growth hormone. *Endocrinology*, **2007**, 148, 3111-21	4.8	60
26	The influence of anti-inflammatory medication on exercise-induced myogenic precursor cell responses in humans. *Journal of Applied Physiology*, **2007**, 103, 425-31	3.7	139
25	Transgenic overexpression of ADAM12 suppresses muscle regeneration and aggravates dystrophy in aged mdx mice. *American Journal of Pathology*, **2007**, 171, 1599-607	5.8	29
24	Loss of Imprinting of DLK1 Due to Promoter Hypermethylation Accounts Frequently for Its Overexpression in AML.. *Blood*, **2007**, 110, 2114-2114	2.2	
23	Dlk1 in normal and abnormal hematopoiesis. *Leukemia*, **2005**, 19, 1404-10	10.7	75
22	High prevalence of human anti-bovine IgG antibodies as the major cause of false positive reactions in two-site immunoassays based on monoclonal antibodies. *Journal of Immunoassay and Immunochemistry*, **2004**, 25, 17-30	1.8	35

21	Changes in satellite cells in human skeletal muscle after a single bout of high intensity exercise. *Journal of Physiology*, **2004**, 558, 333-40	3.9	186
20	Ectopic expression of DLK1 protein in skeletal muscle of padumnal heterozygotes causes the callipyge phenotype. *Current Biology*, **2004**, 14, 1858-62	6.3	103
19	Regulation of human skeletal stem cells differentiation by Dlk1/Pref-1. *Journal of Bone and Mineral Research*, **2004**, 19, 841-52	6.3	198
18	Transit-amplifying ductular (oval) cells and their hepatocytic progeny are characterized by a novel and distinctive expression of delta-like protein/preadipocyte factor 1/fetal antigen 1. *American Journal of Pathology*, **2004**, 164, 1347-59	5.8	118
17	Enhanced procollagen processing in skeletal muscle after a single bout of eccentric loading in humans. *Matrix Biology*, **2004**, 23, 259-64	11.4	50
16	Screening for epitope specificity directly on culture supernatants in the early phase of monoclonal antibody production by an ELISA with biotin-labeled antigen. *Journal of Immunoassay and Immunochemistry*, **2004**, 25, 147-57	1.8	5
15	Expression, biosynthesis and release of preadipocyte factor-1/ delta-like protein/fetal antigen-1 in pancreatic beta-cells: possible physiological implications. *Journal of Endocrinology*, **2003**, 176, 257-66	4.7	40
14	Insulin-like growth factor-1/insulin bypasses Pref-1/FA1-mediated inhibition of adipocyte differentiation. *Journal of Biological Chemistry*, **2003**, 278, 20906-14	5.4	43
13	Neurons in the monoaminergic nuclei of the rat and human central nervous system express FA1/dlk. *NeuroReport*, **2001**, 12, 3959-63	1.7	52
12	Flow cytometric detection of growth factor receptors in autografts and analysis of growth factor concentrations in autologous stem cell transplantation: possible significance for platelet recovery. *Bone Marrow Transplantation*, **2000**, 26, 525-31	4.4	1
11	Does fetal antigen 1 (FA1) identify cells with regenerative, endocrine and neuroendocrine potentials? A study of FA1 in embryonic, fetal, and placental tissue and in maternal circulation. *Differentiation*, **2000**, 66, 49-59	3.5	135
10	Elevated serum levels of fetal antigen 1,a member of the epidermal growth factor superfamily, in patients with small cell lung cancer. *Tumor Biology*, **1999**, 20, 256-62	2.9	8
9	Fetal antigen 1, an EGF multidomain protein in the sex hormone-producing cells of the gonads and the microenvironment of germ cells. *Molecular Human Reproduction*, **1999**, 5, 908-13	4.4	17
8	Fetal antigen 1, a member of the epidermal growth factor superfamily, in neurofibromas and serum from patients with neurofibromatosis type 1. *British Journal of Dermatology*, **1999**, 140, 1054-9	4	10
7	Quantification of the N-terminal propeptide of human procollagen type I (PINP): comparison of ELISA and RIA with respect to different molecular forms. *Clinica Chimica Acta*, **1998**, 269, 31-41	6.2	26
6	Fetal antigen 1 (FA1), a circulating member of the epidermal growth factor (EGF) superfamily: ELISA development, physiology and metabolism in relation to renal function. *Clinica Chimica Acta*, **1997**, 268, 1-20	6.2	33
5	Procollagen type I N-terminal propeptide (PINP) as an indicator of type I collagen metabolism: ELISA development, reference interval, and hypovitaminosis D induced hyperparathyroidism. *Bone*, **1996**, 19, 157-63	4.7	51
4	Fetal antigen 1 and growth hormone in pituitary somatotroph cells. *Lancet, The*, **1996**, 347, 191	40	34

3	FA1 immunoreactivity in endocrine tumours and during development of the human fetal pancreas; negative correlation with glucagon expression. *Histochemistry and Cell Biology*, **1996**, 106, 535-42	2.4	55
2	FA1 immunoreactivity in endocrine tumours and during development of the human fetal pancreas; negative correlation with glucagon expression **1996**, 106, 535		2
1	Protein structure of fetal antigen 1 (FA1). A novel circulating human epidermal-growth-factor-like protein expressed in neuroendocrine tumors and its relation to the gene products of dlk and pG2. *FEBS Journal*, **1994**, 225, 83-92		125