

# Charlotte H Jensen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2243010/charlotte-h-jensen-publications-by-citations.pdf>

**Version:** 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Regulation of human skeletal stem cells differentiation by Dlk1/Pref-1. <i>Journal of Bone and Mineral Research</i> , <b>2004</b> , 19, 841-52	6.3	198
73	Changes in satellite cells in human skeletal muscle after a single bout of high intensity exercise. <i>Journal of Physiology</i> , <b>2004</b> , 558, 333-40	3.9	186
72	The influence of anti-inflammatory medication on exercise-induced myogenic precursor cell responses in humans. <i>Journal of Applied Physiology</i> , <b>2007</b> , 103, 425-31	3.7	139
71	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. <i>Differentiation</i> , <b>2000</b> , 66, 49-59	3.5	135
70	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. <i>FEBS Journal</i> , <b>1994</b> , 225, 83-92		125
69	Purification of fetal liver stem/progenitor cells containing all the repopulation potential for normal adult rat liver. <i>Gastroenterology</i> , <b>2008</b> , 134, 823-32	13.3	118
68	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. <i>American Journal of Pathology</i> , <b>2004</b> , 164, 1347-59	5.8	118
67	Ectopic expression of DLK1 protein in skeletal muscle of padumnal heterozygotes causes the callipyge phenotype. <i>Current Biology</i> , <b>2004</b> , 14, 1858-62	6.3	103
66	Angiotensin II regulates microRNA-132/-212 in hypertensive rats and humans. <i>International Journal of Molecular Sciences</i> , <b>2013</b> , 14, 11190-207	6.3	98
65	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. <i>EBioMedicine</i> , <b>2016</b> , 5, 204-10	8.8	90
64	Do neonatal mouse hearts regenerate following heart apex resection?. <i>Stem Cell Reports</i> , <b>2014</b> , 2, 406-13		88
63	Concise Review: A Safety Assessment of Adipose-Derived Cell Therapy in Clinical Trials: A Systematic Review of Reported Adverse Events. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 1786-1794	6.9	84
62	Dlk1 in normal and abnormal hematopoiesis. <i>Leukemia</i> , <b>2005</b> , 19, 1404-10	10.7	75
61	Dlk1/FA1 is a novel endocrine regulator of bone and fat mass and its serum level is modulated by growth hormone. <i>Endocrinology</i> , <b>2007</b> , 148, 3111-21	4.8	60
60	MicroRNA-15a fine-tunes the level of Delta-like 1 homolog (DLK1) in proliferating 3T3-L1 preadipocytes. <i>Experimental Cell Research</i> , <b>2010</b> , 316, 1681-91	4.2	56
59	FA1 immunoreactivity in endocrine tumours and during development of the human fetal pancreas; negative correlation with glucagon expression. <i>Histochemistry and Cell Biology</i> , <b>1996</b> , 106, 535-42	2.4	55
58	Neurons in the monoaminergic nuclei of the rat and human central nervous system express FA1/dlk. <i>NeuroReport</i> , <b>2001</b> , 12, 3959-63	1.7	52

57	Procollagen type I N-terminal propeptide (PINP) as an indicator of type I collagen metabolism: ELISA development, reference interval, and hypovitaminosis D induced hyperparathyroidism. <i>Bone</i> , <b>1996</b> , 19, 157-63	4.7	51
56	Enhanced procollagen processing in skeletal muscle after a single bout of eccentric loading in humans. <i>Matrix Biology</i> , <b>2004</b> , 23, 259-64	11.4	50
55	Dual role of delta-like 1 homolog (DLK1) in skeletal muscle development and adult muscle regeneration. <i>Development (Cambridge)</i> , <b>2013</b> , 140, 3743-53	6.6	47
54	Secreted protein acidic and rich in cysteine (SPARC) in human skeletal muscle. <i>Journal of Histochemistry and Cytochemistry</i> , <b>2009</b> , 57, 29-39	3.4	47
53	Characterization of DLK1+ cells emerging during skeletal muscle remodeling in response to myositis, myopathies, and acute injury. <i>Stem Cells</i> , <b>2009</b> , 27, 898-908	5.8	46
52	Membrane-tethered delta-like 1 homolog (DLK1) restricts adipose tissue size by inhibiting preadipocyte proliferation. <i>Diabetes</i> , <b>2012</b> , 61, 2814-22	0.9	45
51	Delta-like 1/fetal antigen-1 (Dlk1/FA1) is a novel regulator of chondrogenic cell differentiation via inhibition of the Akt kinase-dependent pathway. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 32140-9	5.4	43
50	Insulin-like growth factor-1/insulin bypasses Pref-1/FA1-mediated inhibition of adipocyte differentiation. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 20906-14	5.4	43
49	Delta-like 1 participates in the specification of ventral midbrain progenitor derived dopaminergic neurons. <i>Journal of Neurochemistry</i> , <b>2008</b> , 104, 1101-15	6	40
48	Expression, biosynthesis and release of preadipocyte factor-1/ delta-like protein/fetal antigen-1 in pancreatic beta-cells: possible physiological implications. <i>Journal of Endocrinology</i> , <b>2003</b> , 176, 257-66	4.7	40
47	Human serum levels of fetal antigen 1 (FA1/Dlk1) increase with obesity, are negatively associated with insulin sensitivity and modulate inflammation in vitro. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1122-9	5.5	38
46	High prevalence of human anti-bovine IgG antibodies as the major cause of false positive reactions in two-site immunoassays based on monoclonal antibodies. <i>Journal of Immunoassay and Immunochemistry</i> , <b>2004</b> , 25, 17-30	1.8	35
45	Non-cultured adipose-derived CD45- side population cells are enriched for progenitors that give rise to myofibres in vivo. <i>Experimental Cell Research</i> , <b>2008</b> , 314, 2951-64	4.2	34
44	Fetal antigen 1 and growth hormone in pituitary somatotroph cells. <i>Lancet, The</i> , <b>1996</b> , 347, 191	4.0	34
43	Evidence of non-canonical NOTCH signaling: Delta-like 1 homolog (DLK1) directly interacts with the NOTCH1 receptor in mammals. <i>Cellular Signalling</i> , <b>2016</b> , 28, 246-54	4.9	33
42	Fetal antigen 1 (FA1), a circulating member of the epidermal growth factor (EGF) superfamily: ELISA development, physiology and metabolism in relation to renal function. <i>Clinica Chimica Acta</i> , <b>1997</b> , 268, 1-20	6.2	33
41	Preadipocytes proliferate and differentiate under the guidance of Delta-like 1 homolog (DLK1). <i>Adipocyte</i> , <b>2013</b> , 2, 272-5	3.2	32
40	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. <i>Urology</i> , <b>2018</b> , 121, 203.e6-203.e13	1.6	29

39	Transgenic overexpression of ADAM12 suppresses muscle regeneration and aggravates dystrophy in aged mdx mice. <i>American Journal of Pathology</i> , <b>2007</b> , 171, 1599-607	5.8	29
38	Quantification of the N-terminal propeptide of human procollagen type I (PINP): comparison of ELISA and RIA with respect to different molecular forms. <i>Clinica Chimica Acta</i> , <b>1998</b> , 269, 31-41	6.2	26
37	Cardiac injury of the newborn mammalian heart accelerates cardiomyocyte terminal differentiation. <i>Scientific Reports</i> , <b>2017</b> , 7, 8362	4.9	25
36	Persistent scarring and dilated cardiomyopathy suggest incomplete regeneration of the apex resected neonatal mouse myocardium--A 180 days follow up study. <i>Journal of Molecular and Cellular Cardiology</i> , <b>2016</b> , 90, 47-52	5.8	23
35	Treatment of Breast Cancer-Related Lymphedema with Adipose-Derived Regenerative Cells and Fat Grafts: A Feasibility and Safety Study. <i>Stem Cells Translational Medicine</i> , <b>2017</b> , 6, 1666-1672	6.9	23
34	Cell-Assisted Lipotransfer Using Autologous Adipose-Derived Stromal Cells for Alleviation of Breast Cancer-Related Lymphedema. <i>Stem Cells Translational Medicine</i> , <b>2016</b> , 5, 857-9	6.9	20
33	SPARC is up-regulated during skeletal muscle regeneration and inhibits myoblast differentiation. <i>Histology and Histopathology</i> , <b>2013</b> , 28, 1451-60	1.4	20
32	Expansion and characterization of ventral mesencephalic precursor cells: effect of mitogens and investigation of FA1 as a potential dopaminergic marker. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 1884-93	4.4	18
31	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. <i>Cytokine and Growth Factor Reviews</i> , <b>2019</b> , 46, 17-27	17.9	17
30	Fetal antigen 1, an EGF multidomain protein in the sex hormone-producing cells of the gonads and the microenvironment of germ cells. <i>Molecular Human Reproduction</i> , <b>1999</b> , 5, 908-13	4.4	17
29	Adipose-derived regenerative cells and fat grafting for treating breast cancer-related lymphedema: Lymphoscintigraphic evaluation with 1 year of follow-up. <i>Journal of Plastic, Reconstructive and Aesthetic Surgery</i> , <b>2019</b> , 72, 71-77	1.7	17
28	Molecular constituents of the extracellular matrix in rat liver mounting a hepatic progenitor cell response for tissue repair. <i>Fibrogenesis and Tissue Repair</i> , <b>2013</b> , 6, 21		15
27	Development of novel monoclonal antibodies that define differentiation stages of human stromal (mesenchymal) stem cells. <i>Molecules and Cells</i> , <b>2011</b> , 32, 133-42	3.5	13
26	"The preadipocyte factor" DLK1 marks adult mouse adipose tissue residing vascular cells that lack in vitro adipogenic differentiation potential. <i>FEBS Letters</i> , <b>2009</b> , 583, 2947-53	3.8	11
25	Response to Sadek et al. and Kotlikoff et al. <i>Stem Cell Reports</i> , <b>2014</b> , 3, 3-4	8	10
24	Fetal antigen 1, a member of the epidermal growth factor superfamily, in neurofibromas and serum from patients with neurofibromatosis type 1. <i>British Journal of Dermatology</i> , <b>1999</b> , 140, 1054-9	4	10
23	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. <i>EBioMedicine</i> , <b>2019</b> , 46, 368-380	8.8	9
22	The non-canonical NOTCH1 ligand Delta-like 1 homolog (DLK1) self interacts in mammals. <i>International Journal of Biological Macromolecules</i> , <b>2017</b> , 97, 460-467	7.9	8

21	Elevated serum levels of fetal antigen 1, a member of the epidermal growth factor superfamily, in patients with small cell lung cancer. <i>Tumor Biology</i> , <b>1999</b> , 20, 256-62	2.9	8
20	Adipose-derived regenerative cells and lipotransfer in alleviating breast cancer-related lymphedema: An open-label phase I trial with 4 years of follow-up. <i>Stem Cells Translational Medicine</i> , <b>2021</b> , 10, 844-854	6.9	8
19	Expression and Functional Analyses of Dlk1 in Muscle Stem Cells and Mesenchymal Progenitors during Muscle Regeneration. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	7
18	Stem cell survival is severely compromised by the thymidine analog EdU (5-ethynyl-2-deoxyuridine), an alternative to BrdU for proliferation assays and stem cell tracing. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 9585-91	4.4	7
17	MESP1 knock-down in human iPSC attenuates early vascular progenitor cell differentiation after completed primitive streak specification. <i>Developmental Biology</i> , <b>2019</b> , 445, 1-7	3.1	7
16	Delta-like 1 homolog (dlk1): a marker for rhabdomyosarcomas implicated in skeletal muscle regeneration. <i>PLoS ONE</i> , <b>2013</b> , 8, e60692	3.7	5
15	Screening for epitope specificity directly on culture supernatants in the early phase of monoclonal antibody production by an ELISA with biotin-labeled antigen. <i>Journal of Immunoassay and Immunochemistry</i> , <b>2004</b> , 25, 147-57	1.8	5
14	Comments to the article "A systematic analysis of neonatal mouse heart regeneration after apical resection". <i>Journal of Molecular and Cellular Cardiology</i> , <b>2015</b> , 82, 59	5.8	4
13	Antibody-based inhibition of circulating DLK1 protects from estrogen deficiency-induced bone loss in mice. <i>Bone</i> , <b>2018</b> , 110, 312-320	4.7	4
12	Quantitative gene expression profiling of CD45+ and CD45- skeletal muscle-derived side population cells. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , <b>2012</b> , 81, 72-80	4.6	4
11	A 3-month age difference profoundly alters the primary rat stromal vascular fraction phenotype. <i>Acta Histochemica</i> , <b>2016</b> , 118, 513-8	2	3
10	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. <i>Acta Histochemica</i> , <b>2013</b> , 115, 401-6	2	3
9	Poor engraftment potential of epicardial progenitors upon intramyocardial transplantation into the neonatal mouse heart. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 4360-2	3.2	3
8	Characterization of fetal antigen 1/delta-like 1 homologue expressing cells in the rat nigrostriatal system: effects of a unilateral 6-hydroxydopamine lesion. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116088	3.7	3
7	Dlk1 regulates quiescence in calcitonin receptor-mutant muscle stem cells. <i>Stem Cells</i> , <b>2021</b> , 39, 306-317	5.8	3
6	Newly formed skeletal muscle fibers are prone to false positive immunostaining by rabbit antibodies. <i>Acta Histochemica</i> , <b>2011</b> , 113, 68-71	2	2
5	FA1 immunoreactivity in endocrine tumours and during development of the human fetal pancreas; negative correlation with glucagon expression <b>1996</b> , 106, 535		2
4	Human and Autologous Adipose-derived Stromal Cells Increase Flap Survival in Rats Independently of Host Immune Response. <i>Annals of Plastic Surgery</i> , <b>2018</b> , 80, 181-187	1.7	2

3	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. <i>Bone Marrow Transplantation</i> , <b>2000</b> , 26, 525-31	4.4	1
2	Neonatal epicardial-derived progenitors acquire myogenic traits in skeletal muscle, but not cardiac muscle. <i>International Journal of Cardiology</i> , <b>2016</b> , 222, 448-456	3.2	0
1	Loss of Imprinting of DLK1 Due to Promoter Hypermethylation Accounts Frequently for Its Overexpression in AML. <i>Blood</i> , <b>2007</b> , 110, 2114-2114	2.2	