

Maik Dahloff

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,249
citations

430874

18
h-index

395702

33
g-index

51
all docs

51
docs citations

51
times ranked

1874
citing authors

#	ARTICLE	IF	CITATIONS
1	Consistent success in life-supporting porcine cardiac xenotransplantation. <i>Nature</i> , 2018, 564, 430-433.	27.8	340
2	Growth hormone receptor-deficient pigs resemble the pathophysiology of human Laron syndrome and reveal altered activation of signaling cascades in the liver. <i>Molecular Metabolism</i> , 2018, 11, 113-128.	6.5	79
3	Consequences of extinction training on associative and non-associative fear in a mouse model of Posttraumatic Stress Disorder (PTSD). <i>Behavioural Brain Research</i> , 2009, 205, 544-549.	2.2	77
4	Betacellulin Overexpression in Transgenic Mice Causes Disproportionate Growth, Pulmonary Hemorrhage Syndrome, and Complex Eye Pathology. <i>Endocrinology</i> , 2005, 146, 5237-5246.	2.8	51
5	Consolidation of Remote Fear Memories Involves Corticotropin-Releasing Hormone (CRH) Receptor Type 1-Mediated Enhancement of AMPA Receptor GluR1 Signaling in the Dentate Gyrus. <i>Neuropsychopharmacology</i> , 2012, 37, 787-796.	5.4	48
6	PLIN2, the major perilipin regulated during sebocyte differentiation, controls sebaceous lipid accumulation in vitro and sebaceous gland size in vivo. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4642-4649.	2.4	48
7	Growth hormone receptor knockout to reduce the size of donor pigs for preclinical xenotransplantation studies. <i>Xenotransplantation</i> , 2021, 28, e12664.	2.8	38
8	Epigen Transgenic Mice Develop Enlarged Sebaceous Glands. <i>Journal of Investigative Dermatology</i> , 2010, 130, 623-626.	0.7	29
9	Sebaceous lipids are essential for water repulsion, protection against UVB-induced apoptosis, and ocular integrity in mice. <i>Development (Cambridge)</i> , 2016, 143, 1823-31.	2.5	29
10	Characterization of the sebocyte lipid droplet proteome reveals novel potential regulators of sebaceous lipogenesis. <i>Experimental Cell Research</i> , 2015, 332, 146-155.	2.6	28
11	Increased levels of conditioned fear and avoidance behavior coincide with changes in phosphorylation of the protein kinase B (AKT) within the amygdala in a mouse model of extremes in trait anxiety. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 56-65.	1.9	27
12	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019, 26, 30-44.	6.5	26
13	The ABC of BTC: Structural properties and biological roles of betacellulin. <i>Seminars in Cell and Developmental Biology</i> , 2014, 28, 42-48.	5.0	25
14	Overexpression of Epigen during Embryonic Development Induces Reversible, Epidermal Growth Factor Receptor-Dependent Sebaceous Gland Hyperplasia. <i>Molecular and Cellular Biology</i> , 2014, 34, 3086-3095.	2.3	25
15	Effects of the glucagon-like peptide-1 receptor agonist liraglutide in juvenile transgenic pigs modeling a pre-diabetic condition. <i>Journal of Translational Medicine</i> , 2015, 13, 73.	4.4	24
16	Functional changes of the liver in the absence of growth hormone (GH) action – Proteomic and metabolomic insights from a GH receptor deficient pig model. <i>Molecular Metabolism</i> , 2020, 36, 100978.	6.5	23
17	Expression of dermcidin in sebocytes supports a role for sebum in the constitutive innate defense of human skin. <i>Journal of Dermatological Science</i> , 2016, 81, 124-126.	1.9	22
18	ERBB2 Is Essential for the Growth of Chemically Induced Skin Tumors in Mice. <i>Journal of Investigative Dermatology</i> , 2017, 137, 921-930.	0.7	20

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19	Ligand-independent epidermal growth factor receptor hyperactivation increases sebaceous gland size and sebum secretion in mice. <i>Experimental Dermatology</i> , 2013, 22, 667-669.	2.9	19
20	Genetic deletion of the EGFR ligand epigen does not affect mouse embryonic development and tissue homeostasis. <i>Experimental Cell Research</i> , 2013, 319, 529-535.	2.6	18
21	EGFR/ERBB receptors differentially modulate sebaceous lipogenesis. <i>FEBS Letters</i> , 2015, 589, 1376-1382.	2.8	18
22	Betacellulin Protects From Pancreatitis by Activating Stress-Activated Protein Kinase. <i>Gastroenterology</i> , 2010, 138, 1585-1594.e3.	1.3	17
23	ERBB3 is required for tumor promotion in a mouse model of skin carcinogenesis. <i>Molecular Oncology</i> , 2015, 9, 1825-1833.	4.6	17
24	The receptor tyrosine kinase ERBB4 is expressed in skin keratinocytes and influences epidermal proliferation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 958-966.	2.4	17
25	Betacellulin stimulates growth of the mouse intestinal epithelium and increases adenoma multiplicity in <i>Apc^{+/+}Min^{-/-}</i> mice. <i>FEBS Letters</i> , 2008, 582, 2911-2915.	2.8	15
26	Mammalian VPS45 orchestrates trafficking through the endosomal system. <i>Blood</i> , 2021, 137, 1932-1944.	1.4	13
27	Modification of the fatty acid composition of an obesogenic diet improves the maternal and placental metabolic environment in obese pregnant mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 1605-1614.	3.8	11
28	In Vivo Evidence for Epidermal Growth Factor Receptor (EGFR)-mediated Release of Prolactin from the Pituitary Gland. <i>Journal of Biological Chemistry</i> , 2011, 286, 39297-39306.	3.4	10
29	Increased activation of the epidermal growth factor receptor in transgenic mice overexpressing epigen causes peripheral neuropathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2068-2076.	3.8	10
30	LC-MS/MS analysis reveals a broad functional spectrum of proteins in the secretome of sebocytes. <i>Experimental Dermatology</i> , 2016, 25, 66-67.	2.9	10
31	CRISPR-assisted receptor deletion reveals distinct roles for ERBB2 and ERBB3 in skin keratinocytes. <i>FEBS Journal</i> , 2017, 284, 3339-3349.	4.7	10
32	The transmembrane protein LRIG2 increases tumor progression in skin carcinogenesis. <i>Molecular Oncology</i> , 2019, 13, 2476-2492.	4.6	10
33	A new mouse model for studying EGFR-dependent gastric polyps. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1293-1299.	3.8	8
34	A transgenic mouse line expressing cre recombinase in pancreatic β cells. <i>Genesis</i> , 2012, 50, 437-442.	1.6	8
35	Targeting autocrine amphiregulin robustly and reproducibly inhibits ovarian cancer in a syngeneic model: roles for wildtype p53. <i>Oncogene</i> , 2021, 40, 3665-3679.	5.9	8
36	Decreased incidence of papillomas in mice with impaired EGFR function during multi-stage skin carcinogenesis. <i>Experimental Dermatology</i> , 2011, 20, 290-293.	2.9	7

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37	Unraveling ERBB network dynamics upon betacellulin signaling in pancreatic ductal adenocarcinoma in mice. <i>Molecular Oncology</i> , 2020, 14, 1653-1669.	4.6	7
38	TSHZ2 is an EGF-regulated tumor suppressor that binds to the cytokinesis regulator PRC1 and inhibits metastasis. <i>Science Signaling</i> , 2021, 14, .	3.6	7
39	Negative Feedback Mechanisms Surpass the Effect of Intrinsic EGFR Activation during Skin Chemical Carcinogenesis. <i>American Journal of Pathology</i> , 2012, 180, 1378-1385.	3.8	6
40	Angiopoietin-like 4, a protein strongly induced during sebocyte differentiation, regulates sebaceous lipogenesis but is dispensable for sebaceous gland function in vivo. <i>Journal of Dermatological Science</i> , 2014, 75, 148-150.	1.9	6
41	The protective effect of betacellulin against acute pancreatitis is ERBB4 dependent. <i>Journal of Gastroenterology</i> , 2020, 55, 317-329.	5.1	6
42	The secretome of skin cancer cells activates the mTOR/MYC pathway in healthy keratinocytes and induces tumorigenic properties. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118717.	4.1	6
43	3D structured illumination microscopy of mammalian embryos and spermatozoa. <i>BMC Developmental Biology</i> , 2015, 15, 46.	2.1	4
44	Transgenic mouse lines help decipher the roles of EGFR ligands in the skin. <i>Experimental Dermatology</i> , 2016, 25, 185-186.	2.9	4
45	Sex-specific programming effects of parental obesity in pre-implantation embryonic development. <i>International Journal of Obesity</i> , 2020, 44, 1185-1190.	3.4	4
46	Epidermal overexpression of LRIG1 disturbs development and homeostasis in skin by disrupting the ERBB system. <i>Journal of Dermatological Science</i> , 2019, 96, 185-188.	1.9	3
47	The transmembrane protein LRIG1 triggers melanocytic tumor development following chemically induced skin carcinogenesis. <i>Molecular Oncology</i> , 2021, 15, 2140-2155.	4.6	3
48	Betacellulin transgenic mice develop urothelial hyperplasia and show sex-dependent reduction in urinary major urinary protein content. <i>Experimental and Molecular Pathology</i> , 2015, 99, 33-38.	2.1	2
49	Targeting α Gal epitopes for multi-species embryo immunosurgery. <i>Reproduction, Fertility and Development</i> , 2019, 31, 820.	0.4	0
50	Multi-Omics Insights into Functional Alterations of the Liver in Insulin-Deficient Diabetes Mellitus. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0