Barbara GawroÅska-Kozak

List of Publications by Year
in descending order

62 papers	1,971 citations	279487 23 h-index	253896 43 g-index
64 all docs	64 docs citations	64 times ranked	2650 citing authors

#	Article	IF	Citations
1	Adipose Tissue Collagen VI in Obesity. Journal of Clinical Endocrinology and Metabolism, 2009, 94, 5155-5162.	1.8	268
2	Uncoupling of Inflammation and Insulin Resistance by NF-Î¹B in Transgenic Mice through Elevated Energy Expenditure. Journal of Biological Chemistry, 2010, 285, 4637-4644.	1.6	138
3	Scarless skin repair in immunodeficient mice. Wound Repair and Regeneration, 2006, 14, 265-276.	1.5	127
4	Administration of a Nitric Oxide Synthase Inhibitor Counteracts Prostaglandin F2-Induced Luteolysis in Cattle1. Biology of Reproduction, 2003, 68, 1674-1681.	1.2	105
5	Matrix metalloproteinase 9 (MMP-9) is upregulated during scarless wound healing in athymic nude mice. Matrix Biology, 2006, 25, 505-514.	1.5	75
6	Agouti Expression in Human Adipose Tissue: Functional Consequences and Increased Expression in Type 2 Diabetes. Diabetes, 2003, 52, 2914-2922.	0.3	74
7	Membrane Disrupting Lytic Peptide Conjugates Destroy Hormone Dependent and Independent Breast Cancer Cells in vitro and in vivo. Breast Cancer Research and Treatment, 2003, 78, 17-27.	1.1	65
8	Mesenchymal stem cells from the outer ear: a novel adult stem cell model system for the study of adipogenesis. FASEB Journal, 2005, 19, 1205-1207.	0.2	65
9	Adipose Stromal Cells Repair Pressure Ulcers in Both Young and Elderly Mice: Potential Role of Adipogenesis in Skin Repair. Stem Cells Translational Medicine, 2015, 4, 632-642.	1.6	62
10	Inactivation of PKCÎ¸ leads to increased susceptibility to obesity and dietary insulin resistance in mice. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E84-E91.	1.8	58
11	Regeneration in the Ears of Immunodeficient Mice: Identification and Lineage Analysis of Mesenchymal Stem Cells. Tissue Engineering, 2004, 10, 1251-1265.	4.9	56
12	Scarless skin wound healing in FOXN1 deficient (nude) mice is associated with distinctive matrix metalloproteinase expression. Matrix Biology, 2011, 30, 290-300.	1.5	56
13	Human prostate cancer cells and xenografts are targeted and destroyed through luteinizing hormone releasing hormone receptors. Prostate, 2003, 56, 239-249.	1.2	55
14	Brown and brite adipocytes: Same function, but different origin and response. Biochimie, 2017, 138, 102-105.	1.3	47
15	Effects of a Lytic Peptide Conjugated to Î² hCG on Ovarian Cancer: Studies in Vitro and in Vivo. Gynecologic Oncology, 2002, 85, 45-52.	0.6	46
16	Role of Adiponectin and Inflammation in Insulin Resistance of Mc3r and Mc4r Knockout Mice. Obesity, 2007, 15, 2664-2672.	1.5	43
17	Expression of Adipocyte Biomarkers in a Primary Cell Culture Models Reflects Preweaning Adipobiology. Journal of Biological Chemistry, 2014, 289, 18478-18488.	1.6	42
18	Sequestration of Thermogenic Transcription Factors in the Cytoplasm during Development of Brown Adipose Tissue. Journal of Biological Chemistry, 2004, 279, 25916-25926.	1.6	39

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19	Foxn1 Transcription Factor Regulates Wound Healing of Skin through Promoting Epithelial-Mesenchymal Transition. PLoS ONE, 2016, 11, e0150635.	1.1	38
20	Effect of estradiol and progesterone on oviductal LH-receptors and LH-dependent relaxation of the porcine oviduct. Theriogenology, 2000, 53, 659-672.	0.9	33
21	Animal models of skin regeneration. Reproductive Biology, 2014, 14, 61-67.	0.9	31
22	Flow cytometric and immunohistochemical detection of in vivo BrdU-labeled cells in mouse fat depots. Biochemical and Biophysical Research Communications, 2009, 378, 539-544.	1.0	26
23	Ear mesenchymal stem cells (EMSC) can differentiate into spontaneously contracting muscle cells. Journal of Cellular Biochemistry, 2007, 102, 122-135.	1.2	24
24	Cyclosporin A reduces matrix metalloproteinases and collagen expression in dermal fibroblasts from regenerative FOXN1 deficient (nude) mice. Fibrogenesis and Tissue Repair, 2013, 6, 7.	3.4	22
25	Foxn1 expression in keratinocytes is stimulated by hypoxia: further evidence of its role in skin wound healing. Scientific Reports, 2018, 8, 5425.	1.6	22
26	Cell Growth Characteristics, Differentiation Frequency, and Immunophenotype of Adult Ear Mesenchymal Stem Cells. Stem Cells and Development, 2010, 19, 83-92.	1.1	21
27	Neotenic phenomenon in gene expression in the skin of Foxn1- deficient (nude) mice - a projection for regenerative skin wound healing. BMC Genomics, 2017, 18, 56.	1.2	21
28	Characterization of a Murine Pressure Ulcer Model to Assess Efficacy of Adipose-derived Stromal Cells. Plastic and Reconstructive Surgery - Global Open, 2015, 3, e334.	0.3	20
29	Effect of TGFÎ²1, TGFÎ²3 and keratinocyte conditioned media on functional characteristics of dermal fibroblasts derived from reparative (Balb/c) and regenerative (Foxn1 deficient; nude) mouse models. Cell and Tissue Research, 2018, 374, 149-163.	1.5	20
30	Histology Scoring System for Murine Cutaneous Wounds. Stem Cells and Development, 2021, 30, 1141-1152.	1.1	20
31	Foxn1 and Mmpâ€9 expression in intact skin and during excisional wound repair in young, adult, and old C57Bl/6 mice. Wound Repair and Regeneration, 2017, 25, 248-259.	1.5	19
32	Adipose-Derived Stromal/Stem Cells from Large Animal Models: from Basic to Applied Science. Stem Cell Reviews and Reports, 2021, 17, 719-738.	1.7	18
33	Cutaneous wound healing in aged, high fat diet-induced obese female or male C57BL/6 mice. Aging, 2020, 12, 7066-7111.	1.4	18
34	The Importance of the Canonical Wnt Signaling Pathway in the Porcine Endometrial Stromal Stem/Progenitor Cells: Implications for Regeneration. Stem Cells and Development, 2015, 24, 2873-2885.	1.1	17
35	IFATS Collection: Stem Cell Antigen-1-Positive Ear Mesenchymal Stem Cells Display Enhanced Adipogenic Potential. Stem Cells, 2008, 26, 2666-2673.	1.4	16
36	Importance of Endometrial Luteinizing Hormone Receptors in Induction of Luteolysis and Maternal Recognition of Pregnancy in the Pig. Reproduction in Domestic Animals, 2000, 35, 190.	0.6	14

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37	Preparation and Differentiation of Mesenchymal Stem Cells from Ears of Adult Mice. Methods in Enzymology, 2014, 538, 1-13.	0.4	14
38	Foxn1 in Skin Development, Homeostasis and Wound Healing. International Journal of Molecular Sciences, 2018, 19, 1956.	1.8	14
39	Recruitment of fat cell precursors during high fat diet in C57BL/6J mice is fat depot specific. Obesity, 2014, 22, 1091-1102.	1.5	13
40	The Transcription Factor FOXN1 Regulates Skin Adipogenesis and Affects Susceptibility to Diet-Induced Obesity. Journal of Investigative Dermatology, 2020, 140, 1166-1175.e9.	0.3	13
41	Wnt signaling and the transcription factor Foxn1 contribute to cutaneous wound repair in mice. Connective Tissue Research, 2021, 62, 238-248.	1.1	10
42	Safety and Efficacy of Human Adipose-Derived Stromal/Stem Cell Therapy in an Immunocompetent Murine Pressure Ulcer Model. Stem Cells and Development, 2020, 29, 440-451.	1.1	9
43	The Inhibition of Cathepsin G on Endometrial Explants With Endometrosis in the Mare. Frontiers in Veterinary Science, 2020, 7, 582211.	0.9	9
44	The In Vitro Inhibitory Effect of Sivelestat on Elastase Induced Collagen and Metallopeptidase Expression in Equine Endometrium. Animals, 2020, 10, 863.	1.0	8
45	The effect of hypoxia on the proteomic signature of pig adipose-derived stromal/stem cells (pASCs). Scientific Reports, 2020, 10, 20035.	1.6	7
46	Safety of Human Adipose Stromal Vascular Fraction Cells Isolated with a Closed System Device in an Immunocompetent Murine Pressure Ulcer Model. Stem Cells and Development, 2020, 29, 452-461.	1.1	7
47	Effect of Pig-Adipose-Derived Stem Cellsâ€™ Conditioned Media on Skin Wound-Healing Characteristics In Vitro. International Journal of Molecular Sciences, 2021, 22, 5469.	1.8	7
48	Role of Luteinizing Hormone in Control of Oviduct Function. Reproduction in Domestic Animals, 2000, 35, 129.	0.6	6
49	Impairment of the Hifâ€1Î± regulatory pathway in Foxn1â€deficient (Foxn1 ^{â^'/â^'}) mice affects the skin wound healing process. FASEB Journal, 2021, 35, e21289.	0.2	6
50	Dermal White Adipose Tissue (dWAT) Is Regulated by Foxn1 and Hif-1Î± during the Early Phase of Skin Wound Healing. International Journal of Molecular Sciences, 2022, 23, 257.	1.8	6
51	Diet-Induced Obesity in Stem Cell Antigen-1 KO Mice. Stem Cells and Development, 2012, 21, 249-259.	1.1	5
52	Age, Diet and Epidermal Signaling Modulate Dermal Fibroblastsâ€™ Adipogenic Potential. International Journal of Molecular Sciences, 2020, 21, 8955.	1.8	5
53	Animal Models of Skin Regeneration. , 2017, , 343-356.		3
54	Mechanisms of metabolism, aging and obesity. Biochimie, 2016, 124, 1-2.	1.3	2

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55	Foxn1 Control of Skin Function. Applied Sciences (Switzerland), 2020, 10, 5685.	1.3	2
56	Expression of adipocyte biomarkers in a primary cell culture models reflects preweaning adipobiology.. Journal of Biological Chemistry, 2014, 289, 23330.	1.6	1
57	Reprogramming mouse ear mesenchymal stem cells (EMSC) expressing the Dlk1-Dio3 imprinted gene cluster. Stem Cell Discovery, 2013, 03, 64-71.	0.5	1
58	Topography and structure of corpus striatum in Insectivora. Acta Theriologica, 1987, 32, 95-104, plates 3-4.	1.1	1
59	Comparative studies on the effect of pig adipose-derived stem cells (pASCs) preconditioned with hypoxia or normoxia on skin wound healing in mice. Experimental Cell Research, 2022, 418, 113263.	1.2	1
60	Uncoupling of inflammation and insulin resistance by NF-Î²B in transgenic mice through elevated energy expenditure.. Journal of Biological Chemistry, 2012, 287, 803.	1.6	0
61	Molekularne mechanizmy dziaÅ‚ania czynnika transkrypcyjnego FOXN1 w skÃ³rze. Postepy Higieny I Medycyny Doswiadczalnej, 2021, 75, 573-583.	0.1	0
62	Bisoniana LXXXIX. Structure and topography of cerebellar nuclei in the European bison. Acta Theriologica, 1986, 31, 159-166, plate 6.	1.1	0