Teresa L Wood

List of Publications by Year
in descending order

92 papers	5,261 citations	61945 43 h-index	88593 70 g-index
98 all docs	98 docs citations	98 times ranked	5704 citing authors

#	Article	IF	Citations
1	Insulin-Mediated Acceleration of Breast Cancer Development and Progression in a Nonobese Model of Type 2 Diabetes. Cancer Research, 2010, 70, 741-751.	0.4	250
2	Activation of the Mammalian Target of Rapamycin (mTOR) Is Essential for Oligodendrocyte Differentiation. Journal of Neuroscience, 2009, 29, 6367-6378.	1.7	233
3	Involution of the lactating mammary gland is inhibited by the IGF system in a transgenic mouse model.. Journal of Clinical Investigation, 1996, 97, 2225-2232.	3.9	192
4	Mouse brains deficient in H-ferritin have normal iron concentration but a protein profile of iron deficiency and increased evidence of oxidative stress. Journal of Neuroscience Research, 2003, 71, 46-63.	1.3	158
5	Mammalian Target of Rapamycin Promotes Oligodendrocyte Differentiation, Initiation and Extent of CNS Myelination. Journal of Neuroscience, 2014, 34, 4453-4465.	1.7	151
6	Experimental Stroke in the Female Diabetic, db/db, Mouse. Journal of Cerebral Blood Flow and Metabolism, 2001, 21, 52-60.	2.4	141
7	Growth Hormone and Insulin-Like Growth Factor-I in the Transition from Normal Mammary Development to Preneoplastic Mammary Lesions. Endocrine Reviews, 2009, 30, 51-74.	8.9	141
8	Conditional Ablation of Raptor or Rictor Has Differential Impact on Oligodendrocyte Differentiation and CNS Myelination. Journal of Neuroscience, 2014, 34, 4466-4480.	1.7	141
9	IGF-I and microglia/macrophage proliferation in the ischemic mouse brain. Glia, 2002, 39, 85-97.	2.5	132
10	Insulin and IGF receptor signalling in neural-stem-cell homeostasis. Nature Reviews Endocrinology, 2015, 11, 161-170.	4.3	132
11	Perinatal Hypoxia-Ischemia Induces Apoptotic and Excitotoxic Death of Periventricular White Matter Oligodendrocyte Progenitors. Developmental Neuroscience, 2001, 23, 203-208.	1.0	128
12	Expression of the gene for the neuronal intermediate filament protein ?-internexin coincides with the onset of neuronal differentiation in the developing rat nervous system. Journal of Comparative Neurology, 1994, 342, 161-173.	0.9	122
13	Insulin-like Growth Factor Type-I Receptor Internalization and Recycling Mediate the Sustained Phosphorylation of Akt. Journal of Biological Chemistry, 2007, 282, 22513-22524.	1.6	109
14	Gender-Specific Changes in Bone Turnover and Skeletal Architecture in Igfbp-2-Null Mice. Endocrinology, 2008, 149, 2051-2061.	1.4	108
15	Disruption of Steroid and Prolactin Receptor Patterning in the Mammary Gland Correlates with a Block in Lobuloalveolar Development. Molecular Endocrinology, 2002, 16, 2675-2691.	3.7	105
16	Acute Exposure to CNTFin VivoInduces Multiple Components of Reactive Gliosis. Experimental Neurology, 1996, 141, 256-268.	2.0	103
17	The Expression Pattern of an Insulin-Like Growth Factor (IGF)-Binding Protein Gene Is Distinct from IGF-II in the Midgestational Rat Embryo. Molecular Endocrinology, 1990, 4, 1257-1263.	3.7	100
18	Distinct expression patterns of insulin-like growth factor binding proteins 2 and 5 during fetal and postnatal development.. Endocrinology, 1994, 134, 954-962.	1.4	98

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19	Selective Alterations in Organ Sizes in Mice with a Targeted Disruption of the Insulin-Like Growth Factor Binding Protein-2 Gene. Molecular Endocrinology, 2000, 14, 1472-1482.	3.7	98
20	Insulin-like Growth Factor I, but Not Neurotrophin-3, Sustains Akt Activation and Provides Long-Term Protection of Immature Oligodendrocytes from Glutamate-Mediated Apoptosis. Molecular and Cellular Neurosciences, 2002, 20, 476-488.	1.0	96
21	IGF-I Synergizes with FGF-2 to Stimulate Oligodendrocyte Progenitor Entry into the Cell Cycle. Developmental Biology, 2001, 232, 414-423.	0.9	86
22	Tumor Necrosis Factor-related Apoptosis-inducing Ligand (TRAIL) Signaling and Cell Death in the Immature Central Nervous System after Hypoxia-Ischemia and Inflammation. Journal of Biological Chemistry, 2014, 289, 9430-9439.	1.6	82
23	The Insulin-Like Growth Factors (IGF) and IGF Type I Receptor during Postnatal Growth of the Murine Mammary Gland: Sites of Messenger Ribonucleic Acid Expression and Potential Functions**This work was supported, in part, by NIH Grant DK-48103 (to T.L.W.). Endocrinology, 1999, 140, 454-461.	1.4	81
24	Altered Pituitary Growth Hormone (GH) Regulation in Streptozotocin-Diabetic Rats: A Combined Defect of Hypothalamic Somatostatin and GH-Releasing Factor*. Endocrinology, 1990, 126, 53-61.	1.4	79
25	Expression of Mouse Ovarian Insulin Growth Factor System Components During Follicular Development and Atresia**This work was supported by NIH Grant HD-24565 (to J.M.H.) and an NIH fellowship (to S.A.W).. Endocrinology, 1998, 139, 5205-5214.	1.4	75
26	The insulin-like growth factors (IGFs) and IGF binding proteins in postnatal development of murine mammary glands. Journal of Mammary Gland Biology and Neoplasia, 2000, 5, 31-42.	1.0	75
27	IGF-I and FGF-2 coordinately enhance cyclin D1 and cyclin Eâ€“cdk2 association and activity to promote G1 progression in oligodendrocyte progenitor cells. Molecular and Cellular Neurosciences, 2004, 25, 480-492.	1.0	75
28	IGF-II Promotes Stemness of Neural Restricted Precursors. Stem Cells, 2012, 30, 1265-1276.	1.4	75
29	IGF-I prevents glutamate-mediated bax translocation and cytochrome C release in O4+ oligodendrocyte progenitors. Glia, 2004, 46, 183-194.	2.5	74
30	Molecular Cloning of Mammalian 28,000 Mr Vitamin D-Dependent Calcium Binding Protein (Calbindin-D28K): Expression of Calbindin-D28K RNAs in Rodent Brain and Kidney. DNA and Cell Biology, 1988, 7, 585-593.	5.1	70
31	Insulin-like growth factor I and II and insulin-like growth factor binding protein-2 RNAs are expressed in adjacent tissues within rat embryonic and fetal limbs. Developmental Biology, 1992, 151, 586-596.	0.9	66
32	mTOR: A Link from the Extracellular Milieu to Transcriptional Regulation of Oligodendrocyte Development. ASN Neuro, 2013, 5, AN20120092.	1.5	62
33	Synergistic induction of cyclin D1 in oligodendrocyte progenitor cells by IGF-I and FGF-2 requires differential stimulation of multiple signaling pathways. Glia, 2007, 55, 1011-1022.	2.5	61
34	Proteomic identification of novel targets regulated by the mammalian target of rapamycin pathway during oligodendrocyte differentiation. Glia, 2011, 59, 1754-1769.	2.5	60
35	Delayed Mammary Gland Involution in Mice with Mutation of the Insulin-Like Growth Factor Binding Protein 5 Gene. Endocrinology, 2007, 148, 2138-2147.	1.4	59
36	Delayed IGF-1 Administration Rescues Oligodendrocyte Progenitors from Glutamate-Induced Cell Death and Hypoxic-Ischemic Brain Damage. Developmental Neuroscience, 2007, 29, 302-310.	1.0	58

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37	Determining Mammosphere-Forming Potential: Application of the Limiting Dilution Analysis. Journal of Mammary Gland Biology and Neoplasia, 2012, 17, 119-123.	1.0	57
38	Hormonal Regulation of Rat Hypothalamic Neuropeptide mRNAs: Effect of Hypophysectomy and Hormone Replacement on Growth-Hormone-Releasing Factor, Somatostatin and the Insulin-Like Growth Factors. Neuroendocrinology, 1991, 53, 298-305.	1.2	53
39	Requirement for IGF-I in Epidermal Growth Factor-Mediated Cell Cycle Progression of Mammary Epithelial Cells. Endocrinology, 2002, 143, 1872-1879.	1.4	53
40	IGF-I and NT-3 Signaling Pathways in Developing Oligodendrocytes: Differential Regulation and Activation of Receptors and the Downstream Effector Akt. Developmental Neuroscience, 2002, 24, 437-445.	1.0	53
41	Tissue-specific expression of the insulin-like growth factor binding protein (IGFBP) mRNAs in mouse and rat development. Regulatory Peptides, 1993, 48, 189-198.	1.9	49
42	Regulation of PERKâ€“eIF2Î± signalling by tuberous sclerosis complex-1 controls homoeostasis and survival of myelinating oligodendrocytes. Nature Communications, 2016, 7, 12185.	5.8	47
43	Insulin-like Growth Factor II: An Essential Adult Stem Cell Niche Constituent in Brain and Intestine. Stem Cell Reports, 2019, 12, 816-830.	2.3	47
44	Insulin-like Growth Factor-II (IGF-II) and IGF-II Analogs with Enhanced Insulin Receptor-a Binding Affinity Promote Neural Stem Cell Expansion. Journal of Biological Chemistry, 2014, 289, 4626-4633.	1.6	46
45	Epithelial-Specific and Stage-Specific Functions of Insulin-Like Growth Factor-I during Postnatal Mammary Development. Endocrinology, 2006, 147, 5412-5423.	1.4	45
46	Protection against hypoxicâ€“ischemic injury in transgenic mice overexpressing Kir6.2 channel pore in forebrain. Molecular and Cellular Neurosciences, 2004, 25, 585-593.	1.0	44
47	Expression of the Insulin-Like Growth Factor Binding Proteins during Postnatal Development of the Murine Mammary Gland. Endocrinology, 2004, 145, 2467-2477.	1.4	40
48	Insulin-Like Growth Factor Type 1 Receptor and Insulin Receptor Isoform Expression and Signaling in Mammary Epithelial Cells. Endocrinology, 2009, 150, 3611-3619.	1.4	40
49	Regional distribution of messenger RNAs in postmortem human brain. Journal of Neuroscience Research, 1986, 16, 311-324.	1.3	39
50	Growth Factor Regulation of Cell Cycle Progression in Mammary Epithelial Cells. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 15-26.	1.0	37
51	Crk adaptor protein promotes PD-L1 expression, EMT and immune evasion in a murine model of triple-negative breast cancer. OncoImmunology, 2018, 7, e1376155.	2.1	34
52	Insulin-like growth factor-I and insulin-like growth factor binding protein-3 inhibit involution of the mammary gland following lactation: Studies in transgenic mice. Progress in Growth Factor Research, 1995, 6, 433-436.	1.7	33
53	IGF1R Inhibition in Mammary Epithelia Promotes Canonical Wnt Signaling and Wnt1-Driven Tumors. Cancer Research, 2014, 74, 5668-5679.	0.4	33
54	Genetic Approaches to the Function of Insulin-Like Growth Factor-Binding Proteins during Rodent Development. Hormone Research, 1996, 45, 172-177.	1.8	32

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55	IGF Ligand and Receptor Regulation of Mammary Development. Journal of Mammary Gland Biology and Neoplasia, 2008, 13, 361-370.	1.0	32
56	Elevated Circulating IGF-I Promotes Mammary Gland Development and Proliferation. Endocrinology, 2010, 151, 5751-5761.	1.4	32
57	Insulin-like growth factor receptor signaling in breast tumor epithelium protects cells from endoplasmic reticulum stress and regulates the tumor microenvironment. Breast Cancer Research, 2018, 20, 138.	2.2	32
58	Mechanistic Target of Rapamycin Regulates the Oligodendrocyte Cytoskeleton during Myelination. Journal of Neuroscience, 2020, 40, 2993-3007.	1.7	31
59	Differential Expression of IR-A, IR-B and IGF-1R in Endometrial Physiology and Distinct Signature in Adenocarcinoma. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2883-2891.	1.8	30
60	Insulinâ€like growth factorâ€Iâ€stimulated Akt phosphorylation and oligodendrocyte progenitor cell survival require cholesterolâ€enriched membranes. Journal of Neuroscience Research, 2009, 87, 3369-3377.	1.3	29
61	Insulinâ€like growth factor I regulates G2/M progression through mammalian target of rapamycin signaling in oligodendrocyte progenitors. Glia, 2012, 60, 1684-1695.	2.5	27
62	Introduction: IGFs and IGFBPs in the normal mammary gland and in breast cancer. , 2000, 5, 1-5.		26
63	Ciliary neurotrophic factor induces expression of the IGF type I receptor and FGF receptor 1 mRNAs in adult rat brain oligodendrocytes. Journal of Neuroscience Research, 1999, 57, 447-457.	1.3	25
64	Decreased IGF Type 1 Receptor Signaling in Mammary Epithelium during Pregnancy Leads to Reduced Proliferation, Alveolar Differentiation, and Expression of Insulin Receptor Substrate (IRS)-1 and IRS-2. Endocrinology, 2011, 152, 3233-3245.	1.4	25
65	Identification of Bax-Interacting Proteins in Oligodendrocyte Progenitors during Glutamate Excitotoxicity and Perinatal Hypoxiaâ€"Ischemia. ASN Neuro, 2013, 5, AN20130027.	1.5	25
66	Developmental and Tissue-Specific Sulfonylurea Receptor Gene Expression. Endocrinology, 1997, 138, 705-711.	1.4	22
67	Crosstalk of the Insulin-Like Growth Factor Receptor with the Wnt Signaling Pathway in Breast Cancer. Frontiers in Endocrinology, 2015, 6, 92.	1.5	21
68	The mechanistic target of rapamycin pathway downregulates bone morphogenetic protein signaling to promote oligodendrocyte differentiation. Glia, 2020, 68, 1274-1290.	2.5	21
69	Directing traffic in neural cells: determinants of receptor tyrosine kinase localization and cellular responses. Journal of Neurochemistry, 2008, 105, 2055-2068.	2.1	20
70	Loss of Tuberous Sclerosis Complex1 in Adult Oligodendrocyte Progenitor Cells Enhances Axon Remyelination and Increases Myelin Thickness after a Focal Demyelination. Journal of Neuroscience, 2017, 37, 7534-7546.	1.7	20
71	Cholesterol biosynthesis defines oligodendrocyte precursor heterogeneity between brain and spinal cord. Cell Reports, 2022, 38, 110423.	2.9	18
72	Heterogeneity in oligodendroglia: Is it relevant to mouse models and human disease?. Journal of Neuroscience Research, 2016, 94, 1421-1433.	1.3	17

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73	PAK1 Positively Regulates Oligodendrocyte Morphology and Myelination. Journal of Neuroscience, 2021, 41, 1864-1877.	1.7	17
74	Cytokines regulate IGF binding proteins in the CNS. Progress in Growth Factor Research, 1995, 6, 181-187.	1.7	16
75	Insulin-Like Growth Factor Receptor Signaling is Necessary for Epidermal Growth Factor Mediated Proliferation of SVZ Neural Precursors in vitro Following Neonatal HypoxiaÃ¢â,¬â€œIschemia. Frontiers in Neurology, 2014, 5, 79.	1.1	15
76	RNA-binding protein CUGBP1 controls the differential INSR splicing in molecular subtypes of breast cancer cells and affects cell aggressiveness. Carcinogenesis, 2020, 41, 1294-1305.	1.3	15
77	mTOR Signaling Regulates Metabolic Function in Oligodendrocyte Precursor Cells and Promotes Efficient Brain Remyelination in the Cuprizone Model. Journal of Neuroscience, 2021, 41, 8321-8337.	1.7	15
78	Expression of IGF-II, the IGF-II/Mannose-6-Phosphate Receptor and IGFBP-2 During Rat Embryogenesis. Advances in Experimental Medicine and Biology, 1991, 293, 325-333.	0.8	11
79	LPA receptor activity is basal specific and coincident with early pregnancy and involution during mammary gland postnatal development. Scientific Reports, 2016, 6, 35810.	1.6	9
80	The IGF System in Mammary Development and Breast Cancer. Journal of Mammary Gland Biology and Neoplasia, 2008, 13, 351-352.	1.0	7
81	Development of a Quantitative PCR Assay for Detection of Human Insulin-Like Growth Factor Receptor and Insulin Receptor Isoforms. Endocrinology, 2016, 157, 1702-1708.	1.4	7
82	Expression and Regulation of Insulin-like Growth Factors and Their Binding Proteins in the Normal Breast. , 1999, , 39-52.		5
83	Cnp Promoter-Driven Sustained ERK1/2 Activation Increases B-Cell Activation and Suppresses Experimental Autoimmune Encephalomyelitis. ASN Neuro, 2020, 12, 175909142097191.	1.5	4
84	IGF-I and Brain Growth: Multifarious Effects on Developing Neural Cells and Mechanisms of Action. , 2005, , 77-93.		3
85	Subventricular zone adult mouse neural stem cells require insulin receptor forÂself-renewal. Stem Cell Reports, 2022, 17, 1411-1427.	2.3	3
86	Activation Versus Inhibition of IGF1R: A Dual Role in Breast Tumorigenesis. Frontiers in Endocrinology, 0, 13, .	1.5	3
87	Expression of the IGFs, IGF-IR and IGFBPs in the Normal Mammary Gland and Breast. Breast Disease, 2003, 17, 15-26.	0.4	2
88	p70S6 kinase regulates oligodendrocyte differentiation and is active in remyelinating lesions. Brain Communications, 2022, 4, fcac025.	1.5	2
89	The mechanistic target of rapamycin as a regulator of metabolic function in oligodendroglia during remyelination. Current Opinion in Pharmacology, 2022, 63, 102193.	1.7	2
90	iTRAQ Proteomics Profiling of Regulatory Proteins During Oligodendrocyte Differentiation. Neuromethods, 2012, , 119-138.	0.2	1

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91	Preface: The Cell Cycle. Journal of Mammary Gland Biology and Neoplasia, 2004, 9, 1-2.	1.0	0
92	Introduction. Journal of Mammary Gland Biology and Neoplasia, 2012, 17, 89-90.	1.0	0