Anna GumÃ

List of Publications by Year
in descending order

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29 papers	1,179 citations	430874 18 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1606 citing authors

#	Article	IF	Citations
1	Mechanisms regulating GLUT4 glucose transporter expression and glucose transport in skeletal muscle. Acta Physiologica Scandinavica, 2005, 183, 43-58.	2.2	163
2	CXC Ligand 5 Is an Adipose-Tissue Derived Factor that Links Obesity to Insulin Resistance. Cell Metabolism, 2009, 9, 339-349.	16.2	148
3	A Novel Role of Neuregulin in Skeletal Muscle. Journal of Biological Chemistry, 2001, 276, 18257-18264.	3.4	98
4	Regulation of Glucose Transport, and Glucose Transporters Expression and Trafficking in the Heart. American Journal of Cardiology, 1997, 80, 65A-76A.	1.6	77
5	Semicarbazide-Sensitive Amine Oxidase/Vascular Adhesion Protein-1 Activity Exerts an Antidiabetic Action in Goto-Kakizaki Rats. Diabetes, 2003, 52, 1004-1013.	0.6	60
6	Oral Insulin-Mimetic Compounds That Act Independently of Insulin. Diabetes, 2007, 56, 486-493.	0.6	60
7	Emerging role of neuregulin as a modulator of muscle metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E742-E750.	3.5	56
8	Expression and Insulin-regulated Distribution of Caveolin in Skeletal Muscle. Journal of Biological Chemistry, 1996, 271, 8133-8139.	3.4	55
9	Neuregulin Signaling on Glucose Transport in Muscle Cells. Journal of Biological Chemistry, 2004, 279, 12260-12268.	3.4	55
10	GLUT1 glucose transporter gene transcription is repressed by Sp3. Evidence for a regulatory role of Sp3 during myogenesis 1 1Edited by M. Yaniv. Journal of Molecular Biology, 1999, 294, 103-119.	4.2	53
11	Neuregulins Mediate Calcium-induced Glucose Transport during Muscle Contraction. Journal of Biological Chemistry, 2006, 281, 21690-21697.	3.4	47
12	Neuregulins Increase Mitochondrial Oxidative Capacity and Insulin Sensitivity in Skeletal Muscle Cells. Diabetes, 2007, 56, 2185-2193.	0.6	45
13	Differential Regulation of the Muscle-specific GLUT4 Enhancer in Regenerating and Adult Skeletal Muscle. Journal of Biological Chemistry, 2003, 278, 40557-40564.	3.4	42
14	System A transport activity is stimulated in skeletal muscle in response to diabetes. FEBS Letters, 1992, 310, 51-54.	2.8	28
15	Voltage-dependent K+channel Î² subunits in muscle: Differential regulation during postnatal development and myogenesis. Journal of Cellular Physiology, 2003, 195, 187-193.	4.1	28
16	Chronic High-Fat Feeding and Middle-Aging Reduce in an Additive Fashion Glut4 Expression in Skeletal Muscle and Adipose Tissue. Biochemical and Biophysical Research Communications, 1997, 235, 89-93.	2.1	27
17	Intracellular signals involved in the effects of insulin-like growth factors and neuregulins on myofibre formation. Cellular Signalling, 2003, 15, 141-149.	3.6	24
18	Searching for Ways to Upregulate GLUT4 Glucose Transporter Expression in Muscle. General Pharmacology, 1998, 31, 705-713.	0.7	20

#	Article	IF	Citations
19	Characterization of Two Distinct Intracellular GLUT4 Membrane Populations in Muscle Fiber. Differential Protein Composition and Sensitivity to Insulin. Endocrinology, 1997, 138, 3006-3015.	2.8	14
20	Vanadate stimulates system A amino acid transport activity in skeletal muscle. Evidence for the involvement of intracellular pH as a mediator of vanadate action. Journal of Biological Chemistry, 1992, 267, 10381-8.	3.4	13
21	Trafficking pathway of GLUT4 glucose transporters in muscle (review).. International Journal of Molecular Medicine, 1998, 2, 263-71.	4.0	12
22	Aquaglyceroporins Are Differentially Expressed in Beige and White Adipocytes. International Journal of Molecular Sciences, 2020, 21, 610.	4.1	12
23	Voltage-dependent Na+ channel phenotype changes in myoblasts. Consequences for cardiac repairâ˜†. Cardiovascular Research, 2007, 76, 430-441.	3.8	11
24	Neuregulin 4 Downregulation Induces Insulin Resistance in 3T3-L1 Adipocytes through Inflammation and Autophagic Degradation of GLUT4 Vesicles. International Journal of Molecular Sciences, 2021, 22, 12960.	4.1	7
25	Inhibitors such as staurosporine, H-7 or polymyxin B cannot be used in skeletal muscle to prove the role of protein kinase C on insulin action. Bioscience Reports, 1992, 12, 413-424.	2.4	6
26	Regulation of System A amino-acid transport activity by phospholipase C and cAMP-inducing agents in skeletal muscle. Biochimica Et Biophysica Acta - Molecular Cell Research, 1993, 1176, 155-161.	4.1	6
27	GLUT4 trafficking in cardiac and skeletal muscle: isolation and characterization of distinct intracellular GLUT4-containing vesicle populations. Biochemical Society Transactions, 1997, 25, 968-974.	3.4	6
28	Effect of benzyl succinate on insulin receptor function and insulin action in skeletal muscle: Further evidence for a lack of spare high-affinity insulin receptors. Molecular and Cellular Endocrinology, 1993, 91, 29-33.	3.2	5
29	Benfluorex improves muscle insulin responsiveness in middle-aged rats previously subjected to long-term high-fat feeding. Life Sciences, 1998, 64, 25-36.	4.3	1