

Henrike Sell

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

3,848
citations

201674
27
h-index

315739
38
g-index

40
all docs

40
docs citations

40
times ranked

5929
citing authors

#	ARTICLE	IF	CITATIONS
1	Dipeptidyl Peptidase 4 Is a Novel Adipokine Potentially Linking Obesity to the Metabolic Syndrome. Diabetes, 2011, 60, 1917-1925.	0.6	506
2	Adaptive immunity in obesity and insulin resistance. Nature Reviews Endocrinology, 2012, 8, 709-716.	9.6	405
3	Chemerin Is a Novel Adipocyte-Derived Factor Inducing Insulin Resistance in Primary Human Skeletal Muscle Cells. Diabetes, 2009, 58, 2731-2740.	0.6	310
4	Adipokines: A treasure trove for the discovery of biomarkers for metabolic disorders. Proteomics - Clinical Applications, 2012, 6, 91-101.	1.6	271
5	Chemerin Correlates with Markers for Fatty Liver in Morbidly Obese Patients and Strongly Decreases after Weight Loss Induced by Bariatric Surgery. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2892-2896.	3.6	225
6	Inflammation and metabolic dysfunction: links to cardiovascular diseases. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H2148-H2165.	3.2	194
7	Monocyte Chemotactic Protein-1 Is a Potential Player in the Negative Cross-Talk between Adipose Tissue and Skeletal Muscle. Endocrinology, 2006, 147, 2458-2467.	2.8	193
8	Adipose Dipeptidyl Peptidase-4 and Obesity. Diabetes Care, 2013, 36, 4083-4090.	8.6	188
9	Identification and Validation of Novel Adipokines Released from Primary Human Adipocytes. Molecular and Cellular Proteomics, 2012, 11, M111.010504.	3.8	187
10	Autocrine Action of Adiponectin on Human Fat Cells Prevents the Release of Insulin Resistance-Inducing Factors. Diabetes, 2005, 54, 2003-2011.	0.6	137
11	Soluble DPP4 induces inflammation and proliferation of human smooth muscle cells via protease-activated receptor 2. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1613-1621.	3.8	116
12	The adipocyte-myocyte axis in insulin resistance. Trends in Endocrinology and Metabolism, 2006, 17, 416-422.	7.1	109
13	Shedding of dipeptidyl peptidase 4 is mediated by metalloproteases and up-regulated by hypoxia in human adipocytes and smooth muscle cells. FEBS Letters, 2014, 588, 3870-3877.	2.8	108
14	Monocyte chemotactic protein-1 and its role in insulin resistance. Current Opinion in Lipidology, 2007, 18, 258-262.	2.7	86
15	Adipose tissue inflammation: novel insight into the role of macrophages and lymphocytes. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 366-370.	2.5	78
16	Cytokine secretion by human adipocytes is differentially regulated by adiponectin, AICAR, and troglitazone. Biochemical and Biophysical Research Communications, 2006, 343, 700-706.	2.1	73
17	Heat Shock Protein 60 as a Mediator of Adipose Tissue Inflammation and Insulin Resistance. Diabetes, 2012, 61, 615-625.	0.6	62
18	Skeletal muscle insulin resistance induced by adipocyte-conditioned medium: underlying mechanisms and reversibility. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E1070-E1077.	3.5	55

#	ARTICLE	IF	CITATIONS
19	Oleic acid and adipokines synergize in inducing proliferation and inflammatory signalling in human vascular smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1177-1188.	3.6	54
20	Chemotactic cytokines, obesity and type 2 diabetes: in vivo and in vitro evidence for a possible causal correlation?. <i>Proceedings of the Nutrition Society</i> , 2009, 68, 378-384.	1.0	53
21	Pathways leading to muscle insulin resistance – The muscle – fat connection. <i>Archives of Physiology and Biochemistry</i> , 2006, 112, 105-113.	2.1	49
22	VEGF in the Crosstalk between Human Adipocytes and Smooth Muscle Cells: Depot-Specific Release from Visceral and Perivascular Adipose Tissue. <i>Mediators of Inflammation</i> , 2013, 2013, 1-10.	3.0	43
23	Chemerin as biomarker for insulin sensitivity in males without typical characteristics of metabolic syndrome. <i>Archives of Physiology and Biochemistry</i> , 2012, 118, 135-138.	2.1	38
24	Reduced DPP4 activity improves insulin signaling in primary human adipocytes. <i>Biochemical and Biophysical Research Communications</i> , 2016, 471, 348-354.	2.1	32
25	Differentiation of human adipocytes at physiological oxygen levels results in increased adiponectin secretion and isoproterenol-stimulated lipolysis. <i>Adipocyte</i> , 2012, 1, 132-181.	2.8	31
26	Monocyte chemoattractant protein-induced protein 1 impairs adipogenesis in 3T3-L1 cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 780-788.	4.1	31
27	Novel Mediators of Adipose Tissue and Muscle Crosstalk. <i>Current Obesity Reports</i> , 2015, 4, 411-417.	8.4	29
28	Adipocyte-derived factors impair insulin signaling in differentiated human vascular smooth muscle cells via the upregulation of miR-143. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 275-283.	3.8	25
29	DPP4 deletion in adipose tissue improves hepatic insulin sensitivity in diet-induced obesity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E590-E599.	3.5	25
30	Heat Shock Protein 60 in Obesity: Effect of Bariatric Surgery and its Relation to Inflammation and Cardiovascular Risk. <i>Obesity</i> , 2017, 25, 2108-2114.	3.0	24
31	Deletion of CD73 promotes dyslipidemia and intramyocellular lipid accumulation in muscle of mice. <i>Archives of Physiology and Biochemistry</i> , 2013, 119, 39-51.	2.1	22
32	Differential impact of oleate, palmitate, and adipokines on expression of NF- κ B target genes in human vascular smooth muscle cells. <i>Molecular and Cellular Endocrinology</i> , 2012, 362, 194-201.	3.2	20
33	Heat shock proteins in obesity: links to cardiovascular disease. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2015, 21, 117-124.	0.7	15
34	Differences in Upper and Lower Body Adipose Tissue Oxygen Tension Contribute to the Adipose Tissue Phenotype in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3688-3697.	3.6	15
35	Identification of novel putative adipomyokines by a cross-species annotation of secretomes and expression profiles. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 194-205.	2.1	14
36	Adipokines enhance oleic acid-induced proliferation of vascular smooth muscle cells by inducing CD36 expression. <i>Archives of Physiology and Biochemistry</i> , 2015, 121, 81-87.	2.1	12

#	ARTICLE	IF	CITATIONS
37	Mild intermittent hypoxia exposure induces metabolic and molecular adaptations in men with obesity. Molecular Metabolism, 2021, 53, 101287.	6.5	8
38	Measurement of Insulin Sensitivity in Skeletal Muscle In Vitro. , 2012, 933, 255-263.		4
39	Expanded adipose tissue: "out of breath" and inflamed. British Journal of Nutrition, 2008, 100, 236-237.	2.3	1
40	La chÃ©mÃ©rineÂ: une adipokine pro-inflammatoire impliquÃ©e dans les maladies mÃ©taboliques. Cahiers De Nutrition Et De Dietetique, 2014, 49, 88-92.	0.3	0