

Katrin J Svensson

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

5,051
citations

331259

21
h-index

500791

28
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32
all docs

32
docs citations

32
times ranked

9303
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosomes reflect the hypoxic status of glioma cells and mediate hypoxia-dependent activation of vascular cells during tumor development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 7312-7317.	3.3	768
2	Ablation of PRDM16 and Beige Adipose Causes Metabolic Dysfunction and a Subcutaneous to Visceral Fat Switch. <i>Cell</i> , 2014, 156, 304-316.	13.5	719
3	Cancer cell exosomes depend on cell-surface heparan sulfate proteoglycans for their internalization and functional activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17380-17385.	3.3	701
4	Meteorin-like Is a Hormone that Regulates Immune-Adipose Interactions to Increase Beige Fat Thermogenesis. <i>Cell</i> , 2014, 157, 1279-1291.	13.5	699
5	Exosome Uptake Depends on ERK1/2-Heat Shock Protein 27 Signaling and Lipid Raft-mediated Endocytosis Negatively Regulated by Caveolin-1. <i>Journal of Biological Chemistry</i> , 2013, 288, 17713-17724.	1.6	532
6	A Smooth Muscle-Like Origin for Beige Adipocytes. <i>Cell Metabolism</i> , 2014, 19, 810-820.	7.2	373
7	Hypoxia triggers a proangiogenic pathway involving cancer cell microvesicles and PAR-2-mediated heparin-binding EGF signaling in endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13147-13152.	3.3	255
8	The Secreted Enzyme PM20D1 Regulates Lipidated Amino Acid Uncouplers of Mitochondria. <i>Cell</i> , 2016, 166, 424-435.	13.5	188
9	A Secreted Slit2 Fragment Regulates Adipose Tissue Thermogenesis and Metabolic Function. <i>Cell Metabolism</i> , 2016, 23, 454-466.	7.2	122
10	Metastasis Stimulation by Hypoxia and Acidosis-Induced Extracellular Lipid Uptake Is Mediated by Proteoglycan-Dependent Endocytosis. <i>Cancer Research</i> , 2016, 76, 4828-4840.	0.4	79
11	Magnetic nanoparticle-based isolation of endocytic vesicles reveals a role of the heat shock protein GRP75 in macromolecular delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13342-13347.	3.3	63
12	Dermatan Sulfate Is Involved in the Tumorigenic Properties of Esophagus Squamous Cell Carcinoma. <i>Cancer Research</i> , 2012, 72, 1943-1952.	0.4	58
13	Isthmin-1 is an adipokine that promotes glucose uptake and improves glucose tolerance and hepatic steatosis. <i>Cell Metabolism</i> , 2021, 33, 1836-1852.e11.	7.2	56
14	Standardization and Utilization of Biobank Resources in Clinical Protein Science with Examples of Emerging Applications. <i>Journal of Proteome Research</i> , 2012, 11, 5124-5134.	1.8	43
15	Ablation of PM20D1 reveals N-acyl amino acid control of metabolism and nociception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6937-E6945.	3.3	43
16	Mitochondria-Rich Extracellular Vesicles Rescue Patient-Specific Cardiomyocytes From Doxorubicin Injury. <i>JACC: CardioOncology</i> , 2021, 3, 428-440.	1.7	42
17	Exosome and microvesicle mediated phenol transfer in mammalian cells. <i>Seminars in Cancer Biology</i> , 2014, 28, 31-38.	4.3	41
18	Hypoxia-Mediated Induction of the Polyamine System Provides Opportunities for Tumor Growth Inhibition by Combined Targeting of Vascular Endothelial Growth Factor and Ornithine Decarboxylase. <i>Cancer Research</i> , 2008, 68, 9291-9301.	0.4	38

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19	Synthesis and Transfection Efficiencies of New Lipophilic Polyamines. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 308-318.	2.9	33
20	Chondroitin sulfate expression predicts poor outcome in breast cancer. <i>International Journal of Oncology</i> , 2011, 39, 1421-8.	1.4	32
21	The polyamines regulate endothelial cell survival during hypoxic stress through PI3K/AKT and MCL-1. <i>Biochemical and Biophysical Research Communications</i> , 2009, 380, 413-418.	1.0	31
22	Regulation of Energy Metabolism by Receptor Tyrosine Kinase Ligands. <i>Frontiers in Physiology</i> , 2020, 11, 354.	1.3	28
23	HIV-Tat protein transduction domain specifically attenuates growth of polyamine deprived tumor cells. <i>Molecular Cancer Therapeutics</i> , 2007, 6, 782-788.	1.9	21
24	Ornithine decarboxylase and extracellular polyamines regulate microvascular sprouting and actin cytoskeleton dynamics in endothelial cells. <i>Experimental Cell Research</i> , 2010, 316, 2683-2691.	1.2	21
25	Discovery of Hydrolysis-Resistant Isoindoline <i>N</i> -Acyl Amino Acid Analogues that Stimulate Mitochondrial Respiration. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 3224-3230.	2.9	20
26	Role of extracellular membrane vesicles in intercellular communication of the tumour microenvironment. <i>Biochemical Society Transactions</i> , 2013, 41, 273-276.	1.6	19
27	Isolation, culture, and functional analysis of hepatocytes from mice with fatty liver disease. <i>STAR Protocols</i> , 2020, 1, 100222.	0.5	19
28	Heparan Sulfate Proteoglycan-Mediated Polyamine Uptake. <i>Methods in Molecular Biology</i> , 2011, 720, 327-338.	0.4	6
29	Abstract 506: Mechanisms of microvesicle-mediated communication in cancer. , 2011, , .		0