Antje Garten

List of Publications by Year
in descending order

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52	3,417	279798	182427
papers	citations	23 h-index	51 g-index

54	54	54	4890
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nampt/PBEF/Visfatin Regulates Insulin Secretion in Î² Cells as a Systemic NAD Biosynthetic Enzyme. Cell Metabolism, 2007, 6, 363-375.	16.2	785
2	Physiological and pathophysiological roles of NAMPT and NAD metabolism. Nature Reviews Endocrinology, 2015, 11, 535-546.	9.6	462
3	Nampt: linking NAD biology, metabolism and cancer. Trends in Endocrinology and Metabolism, 2009, 20, 130-138.	7.1	347
4	Nicotinamide Riboside Augments the Aged Human Skeletal Muscle NAD+ Metabolome and Induces Transcriptomic and Anti-inflammatory Signatures. Cell Reports, 2019, 28, 1717-1728.e6.	6.4	253
5	Leucocytes are a major source of circulating nicotinamide phosphoribosyltransferase (NAMPT)/pre-B cell colony (PBEF)/visfatin linking obesity and inflammation in humans. Diabetologia, 2011, 54, 1200-1211.	6.3	158
6	Molecular Characteristics of Serum Visfatin and Differential Detection by Immunoassays. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 4783-4791.	3.6	145
7	Short-term overfeeding of zebrafish with normal or high-fat diet as a model for the development of metabolically healthy versus unhealthy obesity. BMC Physiology, 2017, 17, 4.	3.6	129
8	Nicotinamide phosphoribosyltransferase (NAMPT/PBEF/visfatin) is constitutively released from human hepatocytes. Biochemical and Biophysical Research Communications, 2010, 391, 376-381.	2.1	128
9	Nicotinamide riboside kinases display redundancy in mediating nicotinamide mononucleotide and nicotinamide riboside metabolism in skeletal muscle cells. Molecular Metabolism, 2017, 6, 819-832.	6.5	96
10	Sorafenib-Induced Apoptosis in Hepatocellular Carcinoma Is Reversed by SIRT1. International Journal of Molecular Sciences, 2019, 20, 4048.	4.1	58
11	Oleate rescues INS-1E Î²-cells from palmitate-induced apoptosis by preventing activation of the unfolded protein response. Biochemical and Biophysical Research Communications, 2013, 441, 770-776.	2.1	57
12	FK866-induced NAMPT inhibition activates AMPK and downregulates mTOR signaling in hepatocarcinoma cells. Biochemical and Biophysical Research Communications, 2015, 458, 334-340.	2.1	55
13	Sirolimus treatment of severe PTEN hamartoma tumor syndrome: case report and in vitro studies. Pediatric Research, 2014, 75, 527-534.	2.3	54
14	The Adipocytokine Nampt and Its Product NMN Have No Effect on Beta-Cell Survival but Potentiate Glucose Stimulated Insulin Secretion. PLoS ONE, 2013, 8, e54106.	2.5	49
15	Target enzyme mutations are the molecular basis for resistance towards pharmacological inhibition of nicotinamide phosphoribosyltransferase. BMC Cancer, 2010, 10, 677.	2.6	48
16	SIRT6 deacetylase activity regulates NAMPT activity and NAD(P)(H) pools in cancer cells. FASEB Journal, 2019, 33, 3704-3717.	0.5	48
17	Hepatic NAD+ levels and NAMPT abundance are unaffected during prolonged high-fat diet consumption in C57BL/6JBomTac mice. Molecular and Cellular Endocrinology, 2018, 473, 245-256.	3.2	35
18	Obesityâ€“An Update on the Basic Pathophysiology and Review of Recent Therapeutic Advances. Biomolecules, 2021, 11, 1426.	4.0	35

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19	Resveratrol Differentially Regulates NAMPT and SIRT1 in Hepatocarcinoma Cells and Primary Human Hepatocytes. PLoS ONE, 2014, 9, e91045.	2.5	33
20	Nicotinamide Phosphoribosyltransferase Inhibitors, Design, Preparation, and Structureâ€“Activity Relationship. Journal of Medicinal Chemistry, 2013, 56, 9071-9088.	6.4	32
21	Nampt and Its Potential Role in Inflammation and Type 2 Diabetes. Handbook of Experimental Pharmacology, 2011, , 147-164.	1.8	31
22	Hepatic NAD salvage pathway is enhanced in mice on a high-fat diet. Molecular and Cellular Endocrinology, 2015, 412, 65-72.	3.2	29
23	Relation of Whole Blood Amino Acid and Acylcarnitine Metabolome to Age, Sex, BMI, Puberty, and Metabolic Markers in Children and Adolescents. Metabolites, 2020, 10, 149.	2.9	27
24	Glucose concentration and AMP-dependent kinase activation regulate expression of insulin receptor family members in rat islets and INS-1E beta cells. Diabetologia, 2005, 48, 1798-1809.	6.3	20
25	Inhibition of NAMPT sensitizes MOLT4 leukemia cells for etoposide treatment through the SIRT2-p53 pathway. Leukemia Research, 2018, 69, 39-46.	0.8	20
26	EWS-FLI1 confers exquisite sensitivity to NAMPT inhibition in Ewing sarcoma cells. Oncotarget, 2017, 8, 24679-24693.	1.8	20
27	Oleate ameliorates palmitate-induced reduction of NAMPT activity and NAD levels in primary human hepatocytes and hepatocarcinoma cells. Lipids in Health and Disease, 2017, 16, 191.	3.0	17
28	The Novel Phosphatidylinositol-3-Kinase (PI3K) Inhibitor Alpelisib Effectively Inhibits Growth of PTEN-Haploinsufficient Lipoma Cells. Cancers, 2019, 11, 1586.	3.7	17
29	Metabolic tracing reveals novel adaptations to skeletal muscle cell energy production pathways in response to NAD+ depletion. Wellcome Open Research, 2018, 3, 147.	1.8	17
30	Nicotinamide phosphoribosyltransferase production in human spermatozoa is influenced by maturation stage. Andrology, 2016, 4, 1045-1053.	3.5	16
31	Glucose regulates expression of the nerve growth factor (NGF) receptors TrkA and p75NTR in rat islets and INS-1E Î²-cells. Regulatory Peptides, 2006, 135, 30-38.	1.9	15
32	Altered hepatic lipid metabolism in mice lacking both the melanocortin type 4 receptor and low density lipoprotein receptor. PLoS ONE, 2017, 12, e0172000.	2.5	15
33	Metabolic tracing reveals novel adaptations to skeletal muscle cell energy production pathways in response to NAD+ depletion. Wellcome Open Research, 2018, 3, 147.	1.8	14
34	Reduced lipolysis in lipoma phenocopies lipid accumulation in obesity. International Journal of Obesity, 2021, 45, 565-576.	3.4	14
35	Omentin-1 and NAMPT serum concentrations are higher and CK-18 levels are lower in children and adolescents with type 1 diabetes when compared to healthy age, sex and BMI matched controls. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 959-969.	0.9	13
36	Direct physical interaction of active Ras with mSIN1 regulates mTORC2 signaling. BMC Cancer, 2019, 19, 1236.	2.6	12

#	Article	IF	Citations
37	Nicotinamide riboside has minimal impact on energy metabolism in mouse models of mild obesity. Journal of Endocrinology, 2021, 251, 111-123.	2.6	12
38	NAD metabolites interfere with proliferation and functional properties of THP-1 cells. Innate Immunity, 2019, 25, 280-293.	2.4	11
39	Tolerogenic effects of 1,25-dihydroxyvitamin D on dendritic cells involve induction of fatty acid synthesis. Journal of Steroid Biochemistry and Molecular Biology, 2021, 211, 105891.	2.5	11
40	Clinical Examples of Disturbed IGF Signaling: Intrauterine and Postnatal Growth Retardation due to Mutations of the Insulin-Like Growth Factor I Receptor (IGF-IR) Gene. Reviews in Endocrine and Metabolic Disorders, 2005, 6, 183-187.	5.7	10
41	Simvastatin induces apoptosis in PTENâ€haploinsufficient lipoma cells. International Journal of Molecular Medicine, 2018, 41, 3691-3698.	4.0	10
42	Phosphatidylinositol 3-kinase (PI3K) signalling regulates insulin-like-growth factor binding protein-2 (IGFBP-2) production in human adipocytes. Growth Hormone and IGF Research, 2015, 25, 115-120.	1.1	9
43	Comparative analysis of the signaling capabilities of the insulin receptor-related receptor. Biochemical and Biophysical Research Communications, 2005, 327, 557-564.	2.1	8
44	PTEN regulates adipose progenitor cell growth, differentiation, and replicative aging. Journal of Biological Chemistry, 2021, 297, 100968.	3.4	8
45	Phenotype-tissue expression and exploration (PTEE) resource facilitates the choice of tissue for RNA-seq-based clinical genetics studies. BMC Genomics, 2021, 22, 802.	2.8	8
46	Resveratrol Potentiates Growth Inhibitory Effects of Rapamycin inPTEN-deficient Lipoma Cells by Suppressing p70S6 Kinase Activity. Nutrition and Cancer, 2016, 68, 342-349.	2.0	7
47	A new human adipocyte model with PTEN haploinsufficiency. Adipocyte, 2020, 9, 290-301.	2.8	7
48	Physiology of obesity in childhood and adolescence. Current Paediatrics, 2006, 16, 123-131.	0.2	4
49	Activation of Erk1/2 phosphorylation but not of Akt/Pkb through an inducible CSF1R/IRR-receptor construct in INS-1EÎ²-cells. Archives of Physiology and Biochemistry, 2010, 116, 128-136.	2.1	3
50	Could NAMPT inhibition become a potential treatment option in hepatocellular carcinoma?. Expert Review of Anticancer Therapy, 2017, 17, 289-291.	2.4	3
51	Small integral membrane protein 10 like 1 downregulation enhances differentiation of adipose progenitor cells. Biochemical and Biophysical Research Communications, 2022, 604, 57-62.	2.1	1
52	SUN-109 PTEN Regulates Differentiation and Proliferation of Aging Preadipocytes. Journal of the Endocrine Society, 2019, 3, .	0.2	0