Jaap G Neels

List of Publications by Year
in descending order

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40	4,161	257357	302012
papers	citations	24 h-index	39 g-index

40	40	40	6422
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Subpopulation of Macrophages Infiltrates Hypertrophic Adipose Tissue and Is Activated by Free Fatty Acids via Toll-like Receptors 2 and 4 and JNK-dependent Pathways. Journal of Biological Chemistry, 2007, 282, 35279-35292.	1.6	840
2	Ablation of CD11c-Positive Cells Normalizes Insulin Sensitivity in Obese Insulin Resistant Animals. Cell Metabolism, 2008, 8, 301-309.	7.2	708
3	JNK1 in Hematopoietically Derived Cells Contributes to Diet-Induced Inflammation and Insulin Resistance without Affecting Obesity. Cell Metabolism, 2007, 6, 386-397.	7.2	460
4	Inflamed fat: what starts the fire?. Journal of Clinical Investigation, 2005, 116, 33-35.	3.9	387
5	The Light Chain of Factor VIII Comprises a Binding Site for Low Density Lipoprotein Receptor-related Protein. Journal of Biological Chemistry, 1999, 274, 23734-23739.	1.6	187
6	Angiogenesis in an in vivo model of adipose tissue development. FASEB Journal, 2004, 18, 983-985.	0.2	176
7	The Low Density Lipoprotein Receptor-related Protein Is a Motogenic Receptor for Plasminogen Activator Inhibitor-1. Journal of Biological Chemistry, 2004, 279, 22595-22604.	1.6	173
8	The Second and Fourth Cluster of Class A Cysteine-rich Repeats of the Low Density Lipoprotein Receptor-related Protein Share Ligand-binding Properties. Journal of Biological Chemistry, 1999, 274, 31305-31311.	1.6	135
9	Physiological Functions of Peroxisome Proliferator-Activated Receptor Î². Physiological Reviews, 2014, 94, 795-858.	13.1	133
10	Bone marrowâ€“specific Cap gene deletion protects against high-fat dietâ€“induced insulin resistance. Nature Medicine, 2007, 13, 455-462.	15.2	110
11	Adipocytes Secrete Leukotrienes. Diabetes, 2012, 61, 2311-2319.	0.3	90
12	Inhibition of Endogenous Leptin Protects Mice From Arterial and Venous Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2196-2201.	1.1	86
13	Glucocorticoids and Thiazolidinediones Interfere with Adipocyte-mediated Macrophage Chemotaxis and Recruitment. Journal of Biological Chemistry, 2009, 284, 31223-31235.	1.6	74
14	Osteopontin Is Required for the Early Onset of High Fat Diet-Induced Insulin Resistance in Mice. PLoS ONE, 2010, 5, e13959.	1.1	71
15	Keratinocyte-derived Chemokine in Obesity. Journal of Biological Chemistry, 2009, 284, 20692-20698.	1.6	64
16	Activation of factor IX zymogen results in exposure of a binding site for low-density lipoprotein receptorâ€“related protein. Blood, 2000, 96, 3459-3465.	0.6	58
17	Regulation of Immune Cell Function by PPARs and the Connection with Metabolic and Neurodegenerative Diseases. International Journal of Molecular Sciences, 2018, 19, 1575.	1.8	41
18	Blockade of Î±4 Integrin Signaling Ameliorates the Metabolic Consequences of High-Fat Dietâ€“Induced Obesity. Diabetes, 2008, 57, 1842-1851.	0.3	40

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19	Disulfide Bonding Arrangements in Active Forms of the Somatomedin B Domain of Human Vitronectinâ€. Biochemistry, 2004, 43, 6519-6534.	1.2	37
20	GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF-Î²B-Dependent Mechanism. Cancer Cell, 2019, 36, 268-287.e10.	7.7	34
21	Vitronectin inhibits plasminogen activator inhibitor-1-induced signalling and chemotaxis by blocking plasminogen activator inhibitor-1 binding to the low-density lipoprotein receptor-related protein. International Journal of Biochemistry and Cell Biology, 2009, 41, 578-585.	1.2	32
22	Selective Screening of a Large Phage Display Library of Plasminogen Activator Inhibitor 1 Mutants to Localize Interaction Sites with Either Thrombin or the Variable Region 1 of Tissue-type Plasminogen Activator. Journal of Biological Chemistry, 1996, 271, 7423-7428.	1.6	31
23	Autoamplification of Tumor Necrosis Factor-Î±. American Journal of Pathology, 2006, 168, 435-444.	1.9	26
24	Interaction Between Factor VIII and LDL Receptor-related Protein Modulation of Coagulation?. Trends in Cardiovascular Medicine, 2000, 10, 8-14.	2.3	24
25	CELL SIGNALING: A New Way to Burn Fat. Science, 2006, 312, 1756-1758.	6.0	24
26	A role for 5-lipoxygenase products in obesity-associated inflammation and insulin resistance. Adipocyte, 2013, 2, 262-265.	1.3	22
27	A role for Peroxisome Proliferator-Activated Receptor Beta in T cell development. Scientific Reports, 2016, 6, 34317.	1.6	19
28	Î±â€Lipoic acid upâ€regulates expression of peroxisome proliferatorâ€activated receptor b in skeletal muscle: involvement of the JNK signaling pathway. FASEB Journal, 2016, 30, 1287-1299.	0.2	17
29	Decrease in Î±Î²/Î³Î´ Tâ€cell ratio is accompanied by a reduction in highâ€fat dietâ€induced weight gain, insulin resistance, and inflammation. FASEB Journal, 2019, 33, 2553-2562.	0.2	11
30	Complementary Immunometabolic Effects of Exercise and PPARÎ²/Î´ Agonist in the Context of Diet-Induced Weight Loss in Obese Female Mice. International Journal of Molecular Sciences, 2019, 20, 5182.	1.8	8
31	Alphaâ€lipoic acid supplementation increases the efficacy of exerciseâ€and dietâ€induced obesity treatment and induces immunometabolic changes in female mice and women. FASEB Journal, 2021, 35, e21312.	0.2	8
32	Peroxisome Proliferator Activated Receptor Beta (PPARÎ²) activity increases the immune response and shortens the early phases of skeletal muscle regeneration. Biochimie, 2017, 136, 33-41.	1.3	7
33	Regulation of Monocytes/Macrophages by the Reninâ€“Angiotensin System in Diabetic Nephropathy: State of the Art and Results of a Pilot Study. International Journal of Molecular Sciences, 2021, 22, 6009.	1.8	7
34	Investigation of Plasma Inflammatory Profile in Diabetic Patients With Abdominal Aortic Aneurysm: A Pilot Study. Vascular and Endovascular Surgery, 2018, 52, 597-601.	0.3	6
35	Nuclear receptors in abdominal aortic aneurysms. Atherosclerosis, 2020, 297, 87-95.	0.4	5
36	Invalidation of the Transcriptional Modulator of Lipid Metabolism PPARÎ²/Î´ in T Cells Prevents Age-Related Alteration of Body Composition and Loss of Endurance Capacity. Frontiers in Physiology, 2021, 12, 587753.	1.3	4

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37	Roles of Nuclear Receptors in Vascular Calcification. International Journal of Molecular Sciences, 2021, 22, 6491.	1.8	3
38	Gene Doping with Peroxisome-Proliferator-Activated Receptor Beta/Delta Agonists Alters Immunity but Exercise Training Mitigates the Detection of Effects in Blood Samples. International Journal of Molecular Sciences, 2021, 22, 11497.	1.8	1
39	Activation of factor IX zymogen results in exposure of a binding site for low-density lipoprotein receptorâ€“related protein. Blood, 2000, 96, 3459-3465.	0.6	1
40	Diabetes-Induced Changes in Macrophage Biology Might Lead to Reduced Risk for Abdominal Aortic Aneurysm Development. Metabolites, 2022, 12, 128.	1.3	1