

# Jaap G Neels

## List of Publications by Year in descending order

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40  
papers

4,161  
citations

257357

24  
h-index

302012

39  
g-index

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all docs

40  
docs citations

40  
times ranked

6422  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diabetes-Induced Changes in Macrophage Biology Might Lead to Reduced Risk for Abdominal Aortic Aneurysm Development. <i>Metabolites</i> , 2022, 12, 128.	1.3	1
2	Invalidation of the Transcriptional Modulator of Lipid Metabolism PPAR $\delta$ in T Cells Prevents Age-Related Alteration of Body Composition and Loss of Endurance Capacity. <i>Frontiers in Physiology</i> , 2021, 12, 587753.	1.3	4
3	Alpha-lipoic acid supplementation increases the efficacy of exercise- and diet-induced obesity treatment and induces immunometabolic changes in female mice and women. <i>FASEB Journal</i> , 2021, 35, e21312.	0.2	8
4	Regulation of Monocytes/Macrophages by the Renin-Angiotensin System in Diabetic Nephropathy: State of the Art and Results of a Pilot Study. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6009.	1.8	7
5	Roles of Nuclear Receptors in Vascular Calcification. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6491.	1.8	3
6	Gene Doping with Peroxisome-Proliferator-Activated Receptor Beta/Delta Agonists Alters Immunity but Exercise Training Mitigates the Detection of Effects in Blood Samples. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11497.	1.8	1
7	Nuclear receptors in abdominal aortic aneurysms. <i>Atherosclerosis</i> , 2020, 297, 87-95.	0.4	5
8	Complementary Immunometabolic Effects of Exercise and PPAR $\delta$ Agonist in the Context of Diet-Induced Weight Loss in Obese Female Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5182.	1.8	8
9	GAPDH Overexpression in the T Cell Lineage Promotes Angioimmunoblastic T Cell Lymphoma through an NF- $\kappa$ B-Dependent Mechanism. <i>Cancer Cell</i> , 2019, 36, 268-287.e10.	7.7	34
10	Decrease in $\hat{1}^2/\hat{1}^3$ T cell ratio is accompanied by a reduction in high-fat diet-induced weight gain, insulin resistance, and inflammation. <i>FASEB Journal</i> , 2019, 33, 2553-2562.	0.2	11
11	Investigation of Plasma Inflammatory Profile in Diabetic Patients With Abdominal Aortic Aneurysm: A Pilot Study. <i>Vascular and Endovascular Surgery</i> , 2018, 52, 597-601.	0.3	6
12	Regulation of Immune Cell Function by PPARs and the Connection with Metabolic and Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1575.	1.8	41
13	Peroxisome Proliferator Activated Receptor Beta (PPAR $\delta$ ) activity increases the immune response and shortens the early phases of skeletal muscle regeneration. <i>Biochimie</i> , 2017, 136, 33-41.	1.3	7
14	A role for Peroxisome Proliferator-Activated Receptor Beta in T cell development. <i>Scientific Reports</i> , 2016, 6, 34317.	1.6	19
15	$\hat{1}$ -lipoic acid upregulates expression of peroxisome proliferator-activated receptor $\beta$ in skeletal muscle: involvement of the JNK signaling pathway. <i>FASEB Journal</i> , 2016, 30, 1287-1299.	0.2	17
16	Physiological Functions of Peroxisome Proliferator-Activated Receptor $\delta$ . <i>Physiological Reviews</i> , 2014, 94, 795-858.	13.1	133
17	A role for 5-lipoxygenase products in obesity-associated inflammation and insulin resistance. <i>Adipocyte</i> , 2013, 2, 262-265.	1.3	22
18	Adipocytes Secrete Leukotrienes. <i>Diabetes</i> , 2012, 61, 2311-2319.	0.3	90

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19	Osteopontin Is Required for the Early Onset of High Fat Diet-Induced Insulin Resistance in Mice. PLoS ONE, 2010, 5, e13959.	1.1	71
20	Keratinocyte-derived Chemokine in Obesity. Journal of Biological Chemistry, 2009, 284, 20692-20698.	1.6	64
21	Glucocorticoids and Thiazolidinediones Interfere with Adipocyte-mediated Macrophage Chemotaxis and Recruitment. Journal of Biological Chemistry, 2009, 284, 31223-31235.	1.6	74
22	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
23	Ablation of CD11c-Positive Cells Normalizes Insulin Sensitivity in Obese Insulin Resistant Animals. Cell Metabolism, 2008, 8, 301-309.	7.2	708
24	Blockade of $\alpha 4$ Integrin Signaling Ameliorates the Metabolic Consequences of High-Fat Diet-Induced Obesity. Diabetes, 2008, 57, 1842-1851.	0.3	40
25	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
26	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
27	Bone marrow-specific Cap gene deletion protects against high-fat diet-induced insulin resistance. Nature Medicine, 2007, 13, 455-462.	15.2	110
28	Autoamplification of Tumor Necrosis Factor- $\alpha$ . American Journal of Pathology, 2006, 168, 435-444.	1.9	26
29	CELL SIGNALING: A New Way to Burn Fat. Science, 2006, 312, 1756-1758.	6.0	24
30	Inflamed fat: what starts the fire?. Journal of Clinical Investigation, 2005, 116, 33-35.	3.9	387
31	Angiogenesis in an in vivo model of adipose tissue development. FASEB Journal, 2004, 18, 983-985.	0.2	176
32	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
33	Inhibition of Endogenous Leptin Protects Mice From Arterial and Venous Thrombosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 2196-2201.	1.1	86
34	Disulfide Bonding Arrangements in Active Forms of the Somatomedin B Domain of Human Vitronectin. Biochemistry, 2004, 43, 6519-6534.	1.2	37
35	Interaction Between Factor VIII and LDL Receptor-related Protein Modulation of Coagulation?. Trends in Cardiovascular Medicine, 2000, 10, 8-14.	2.3	24
36	Activation of factor IX zymogen results in exposure of a binding site for low-density lipoprotein receptor-related protein. Blood, 2000, 96, 3459-3465.	0.6	58

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37	Activation of factor IX zymogen results in exposure of a binding site for low-density lipoprotein receptor-related protein. <i>Blood</i> , 2000, 96, 3459-3465.	0.6	1
38	The Second and Fourth Cluster of Class A Cysteine-rich Repeats of the Low Density Lipoprotein Receptor-related Protein Share Ligand-binding Properties. <i>Journal of Biological Chemistry</i> , 1999, 274, 31305-31311.	1.6	135
39	The Light Chain of Factor VIII Comprises a Binding Site for Low Density Lipoprotein Receptor-related Protein. <i>Journal of Biological Chemistry</i> , 1999, 274, 23734-23739.	1.6	187
40	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. <i>Journal of Biological Chemistry</i> , 1996, 271, 7423-7428.	1.6	31