

# Bart van de Sluis

## List of Publications by Year in descending order

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91  
papers

11,041  
citations

81743

39  
h-index

49773

87  
g-index

94  
all docs

94  
docs citations

94  
times ranked

15379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clearance of p16Ink4a-positive senescent cells delays ageing-associated disorders. <i>Nature</i> , 2011, 479, 232-236.	13.7	2,806
2	Low-density lipoproteins cause atherosclerotic cardiovascular disease. 1. Evidence from genetic, epidemiologic, and clinical studies. A consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , 2017, 38, 2459-2472.	1.0	2,292
3	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. <i>European Heart Journal</i> , 2020, 41, 2313-2330.	1.0	776
4	Chronic inflammation induces telomere dysfunction and accelerates ageing in mice. <i>Nature Communications</i> , 2014, 5, 4172.	5.8	596
5	Identification of a new copper metabolism gene by positional cloning in a purebred dog population. <i>Human Molecular Genetics</i> , 2002, 11, 165-173.	1.4	334
6	Increased expression of BubR1 protects against aneuploidy and cancer and extends healthy lifespan. <i>Nature Cell Biology</i> , 2013, 15, 96-102.	4.6	229
7	A Proinflammatory Gut Microbiota Increases Systemic Inflammation and Accelerates Atherosclerosis. <i>Circulation Research</i> , 2019, 124, 94-100.	2.0	226
8	A novel role for XIAP in copper homeostasis through regulation of MURR1. <i>EMBO Journal</i> , 2004, 23, 244-254.	3.5	201
9	COMMD1 is linked to the WASH complex and regulates endosomal trafficking of the copper transporter ATP7A. <i>Molecular Biology of the Cell</i> , 2015, 26, 91-103.	0.9	200
10	CCC- and WASH-mediated endosomal sorting of LDLR is required for normal clearance of circulating LDL. <i>Nature Communications</i> , 2016, 7, 10961.	5.8	165
11	The NADPH oxidase Nox4 has anti-atherosclerotic functions. <i>European Heart Journal</i> , 2015, 36, 3447-3456.	1.0	150
12	Two-Step Senescence-Focused Cancer Therapies. <i>Trends in Cell Biology</i> , 2018, 28, 723-737.	3.6	145
13	The S/T-Rich Motif in the DNAJB6 Chaperone Delays Polyglutamine Aggregation and the Onset of Disease in a Mouse Model. <i>Molecular Cell</i> , 2016, 62, 272-283.	4.5	140
14	Distinct Wilson's Disease Mutations in ATP7B Are Associated With Enhanced Binding to COMMD1 and Reduced Stability of ATP7B. <i>Gastroenterology</i> , 2007, 133, 1316-1326.	0.6	133
15	The ubiquitously expressed MURR1 protein is absent in canine copper toxicosis. <i>Journal of Hepatology</i> , 2003, 39, 703-709.	1.8	131
16	COMMD1 disrupts HIF-1 $\beta$ dimerization and inhibits human tumor cell invasion. <i>Journal of Clinical Investigation</i> , 2010, 120, 2119-2130.	3.9	109
17	Increased Activity of Hypoxia-Inducible Factor 1 Is Associated with Early Embryonic Lethality in Commd1 Null Mice. <i>Molecular and Cellular Biology</i> , 2007, 27, 4142-4156.	1.1	107
18	Tuning NF- $\kappa$ B activity: A touch of COMMD proteins. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2315-2321.	1.8	97

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19	The COMMD Family Regulates Plasma LDL Levels and Attenuates Atherosclerosis Through Stabilizing the CCC Complex in Endosomal LDLR Trafficking. <i>Circulation Research</i> , 2018, 122, 1648-1660.	2.0	94
20	A human-like bile acid pool induced by deletion of hepatic Cyp2c70 modulates effects of FXR activation in mice. <i>Journal of Lipid Research</i> , 2020, 61, 291-305.	2.0	93
21	Mechanism of leukemogenesis by the inv(16) chimeric gene CBFβ/PEBP2B-MHY11. <i>Oncogene</i> , 2004, 23, 4297-4307.	2.6	92
22	Characterization of COMMD protein-protein interactions in NF-κB signalling. <i>Biochemical Journal</i> , 2006, 398, 63-71.	1.7	85
23	A liver-specific long noncoding RNA with a role in cell viability is elevated in human nonalcoholic steatohepatitis. <i>Hepatology</i> , 2017, 66, 794-808.	3.6	80
24	News on the molecular regulation and function of hepatic low-density lipoprotein receptor and LDLR-related protein 1. <i>Current Opinion in Lipidology</i> , 2017, 28, 241-247.	1.2	76
25	Gene expression profiling of liver cells after copper overload in vivo and in vitro reveals new copper-regulated genes. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 495-507.	1.1	72
26	Endosomal sorting of Notch receptors through COMMD9-dependent pathways modulates Notch signaling. <i>Journal of Cell Biology</i> , 2015, 211, 605-617.	2.3	62
27	The canine copper toxicosis gene MURR1 does not cause non-Wilsonian hepatic copper toxicosis. <i>Journal of Hepatology</i> , 2003, 38, 164-168.	1.8	60
28	The Menkes and Wilson disease genes counteract in copper toxicosis in Labrador retrievers: a new canine model for copper-metabolism disorders. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 25-38.	1.2	60
29	Liver-Specific Commd1 Knockout Mice Are Susceptible to Hepatic Copper Accumulation. <i>PLoS ONE</i> , 2011, 6, e29183.	1.1	57
30	Evidence for non-random distribution of Fcγ3 receptor genotype combinations. <i>Immunogenetics</i> , 2003, 55, 240-246.	1.2	56
31	Endonucleases: new tools to edit the mouse genome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1942-1950.	1.8	56
32	Reduced Life- and Healthspan in Mice Carrying a Mono-Allelic BubR1 MVA Mutation. <i>PLoS Genetics</i> , 2012, 8, e1003138.	1.5	52
33	The copper-transporting capacity of ATP7A mutants associated with Menkes disease is ameliorated by COMMD1 as a result of improved protein expression. <i>Cellular and Molecular Life Sciences</i> , 2012, 69, 149-163.	2.4	52
34	Ccne1 Overexpression Causes Chromosome Instability in Liver Cells and Liver Tumor Development in Mice. <i>Gastroenterology</i> , 2019, 157, 210-226.e12.	0.6	50
35	Relevance of animal models for understanding mammalian copper homeostasis. <i>American Journal of Clinical Nutrition</i> , 2008, 88, 840S-845S.	2.2	48
36	COMMD1 Promotes pVHL and O <sub>2</sub> -Independent Proteolysis of HIF-1α via HSP90/70. <i>PLoS ONE</i> , 2009, 4, e7332.	1.1	47

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37	Nuclearâ€Cytosolic Transport of COMMD1 Regulates NFâ€PB and HIFâ€1 Activity. <i>Traffic</i> , 2009, 10, 514-527.	1.3	47
38	Impaired Hepatic Vitamin A Metabolism in NAFLD Mice Leading to Vitamin A Accumulation in Hepatocytes. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 309-325.e3.	2.3	46
39	The Copper Metabolism MURR1 Domain Protein 1 (COMMD1) Modulates the Aggregation of Misfolded Protein Species in a Client-Specific Manner. <i>PLoS ONE</i> , 2014, 9, e92408.	1.1	45
40	The life cycle of the low-density lipoprotein receptor. <i>Current Opinion in Lipidology</i> , 2015, 26, 82-87.	1.2	43
41	Identification of p38 MAPK and JNK as new targets for correction of Wilson diseaseâ€causing ATP7B mutants. <i>Hepatology</i> , 2016, 63, 1842-1859.	3.6	42
42	Cu,Zn Superoxide Dismutase Maturation and Activity Are Regulated by COMMD1. <i>Journal of Biological Chemistry</i> , 2010, 285, 28991-29000.	1.6	39
43	Tumor necrosis factor receptor 1 gain-of-function mutation aggravates nonalcoholic fatty liver disease but does not cause insulin resistance in a murine model*. <i>Hepatology</i> , 2013, 57, 566-576.	3.6	36
44	Accumulation of 5-oxoproline in myocardial dysfunction and the protective effects of OPLAH. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	36
45	Chemokine-Like Receptor 1 Deficiency Does Not Affect the Development of Insulin Resistance and Nonalcoholic Fatty Liver Disease in Mice. <i>PLoS ONE</i> , 2014, 9, e96345.	1.1	36
46	Elevated mutant dynorphin A causes Purkinje cell loss and motor dysfunction in spinocerebellar ataxia type 23. <i>Brain</i> , 2015, 138, 2537-2552.	3.7	34
47	Copper Metabolism Domain-Containing 1 Represses Genes That Promote Inflammation and Protects Mice From Colitis and Colitis-Associated Cancer. <i>Gastroenterology</i> , 2014, 147, 184-195.e3.	0.6	33
48	Taking One Step Back in Familial Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 973-985.	1.1	33
49	Cholangiopathy and Biliary Fibrosis in Cyp2c70-Deficient Mice Are Fully Reversed by Ursodeoxycholic Acid. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1045-1069.	2.3	31
50	Haploid genetic screens identify SPRING/C12ORF49 as a determinant of SREBP signaling and cholesterol metabolism. <i>Nature Communications</i> , 2020, 11, 1128.	5.8	30
51	The hepatocyte IKK:NF-ÎB axis promotes liver steatosis by stimulating de novo lipogenesis and cholesterol synthesis. <i>Molecular Metabolism</i> , 2021, 54, 101349.	3.0	28
52	Refined genetic and comparative physical mapping of the canine copper toxicosis locus. <i>Mammalian Genome</i> , 2000, 11, 455-460.	1.0	26
53	Deregulated Renal Calcium and Phosphate Transport during Experimental Kidney Failure. <i>PLoS ONE</i> , 2015, 10, e0142510.	1.1	26
54	Functional understanding of the versatile protein copper metabolism MURR1 domain 1 (COMMD1) in copper homeostasis. <i>Annals of the New York Academy of Sciences</i> , 2014, 1314, 6-14.	1.8	25

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55	Overexpression of A kinase interacting protein 1 attenuates myocardial ischaemia/reperfusion injury but does not influence heart failure development. <i>Cardiovascular Research</i> , 2016, 111, 217-226.	1.8	24
56	The hepatic WASH complex is required for efficient plasma LDL and HDL cholesterol clearance. <i>JCI Insight</i> , 2019, 4, .	2.3	24
57	Novel aspects of PCSK9 and lipoprotein receptors in renal disease-related dyslipidemia. <i>Cellular Signalling</i> , 2019, 55, 53-64.	1.7	23
58	T cell cholesterol efflux suppresses apoptosis and senescence and increases atherosclerosis in middle aged mice. <i>Nature Communications</i> , 2022, 13, .	5.8	21
59	Cholesterol-induced hepatic inflammation does not contribute to the development of insulin resistance in male LDL receptor knockout mice. <i>Atherosclerosis</i> , 2014, 232, 390-396.	0.4	20
60	A common variant in <i>CCDC93</i> protects against myocardial infarction and cardiovascular mortality by regulating endosomal trafficking of low-density lipoprotein receptor. <i>European Heart Journal</i> , 2020, 41, 1040-1053.	1.0	20
61	COMMD1: A Novel Protein Involved in the Proteolysis of Proteins. <i>Cell Cycle</i> , 2007, 6, 2091-2098.	1.3	16
62	Regulation of murine copper homeostasis by members of the COMMD protein family. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	16
63	Function of the endolysosomal network in cholesterol homeostasis and metabolic-associated fatty liver disease (MAFLD). <i>Molecular Metabolism</i> , 2021, 50, 101146.	3.0	16
64	A cell-type-specific role for murine Commd1 in liver inflammation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 2257-2265.	1.8	15
65	The Direct and Indirect Roles of NF- $\kappa$ B in Cancer: Lessons from Oncogenic Fusion Proteins and Knock-in Mice. <i>Biomedicines</i> , 2018, 6, 36.	1.4	15
66	Partial Deletion of Tie2 Affects Microvascular Endothelial Responses to Critical Illness in A Vascular Bed and Organ-Specific Way. <i>Shock</i> , 2019, 51, 757-769.	1.0	14
67	Long Non-Coding RNAs Involved in Progression of Non-Alcoholic Fatty Liver Disease to Steatohepatitis. <i>Cells</i> , 2021, 10, 1883.	1.8	14
68	A20 deficiency in myeloid cells protects mice from diet-induced obesity and insulin resistance due to increased fatty acid metabolism. <i>Cell Reports</i> , 2021, 36, 109748.	2.9	14
69	Nuclear COMMD1 Is Associated with Cisplatin Sensitivity in Ovarian Cancer. <i>PLoS ONE</i> , 2016, 11, e0165385.	1.1	13
70	Naturally Occurring Variants in LRP1 (Low-Density Lipoprotein Receptor-Related Protein 1) Affect HDL (High-Density Lipoprotein) Metabolism Through ABCA1 (ATP-Binding Cassette A1) and SR-B1 (Scavenger) Tj ETQq0,0 0 rgBT /Overlock 1 1440-1453.	1.1	13
71	Cardiac Function and Architecture Are Maintained in a Model of Cardioresstricted Overexpression of the Prorenin-Renin Receptor. <i>PLoS ONE</i> , 2014, 9, e89929.	1.1	12
72	The polarity protein Scrib limits atherosclerosis development in mice. <i>Cardiovascular Research</i> , 2019, 115, 1963-1974.	1.8	11

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73	NF- $\kappa$ B p65 serine 467 phosphorylation sensitizes mice to weight gain and TNF $\alpha$ -or diet-induced inflammation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 1785-1798.	1.9	9
74	Posttranscriptional Regulation of the Human LDL Receptor by the U2-Spliceosome. <i>Circulation Research</i> , 2022, 130, 80-95.	2.0	9
75	Cholesterol-Induced Hepatic Inflammation Does Not Underlie the Predisposition to Insulin Resistance in Dyslipidemic Female LDL Receptor Knockout Mice. <i>Journal of Diabetes Research</i> , 2015, 2015, 1-12.	1.0	7
76	Senescent cells in the development of cardiometabolic disease. <i>Current Opinion in Lipidology</i> , 2019, 30, 177-185.	1.2	7
77	Modeling Phenotypic Heterogeneity of Glycogen Storage Disease Type 1a Liver Disease in Mice by Somatic CRISPR/CRISPR-associated protein 9-mediated Gene Editing. <i>Hepatology</i> , 2021, 74, 2491-2507.	3.6	7
78	Mice with a deficiency in Peroxisomal Membrane Protein 4 (PXMP4) display mild changes in hepatic lipid metabolism. <i>Scientific Reports</i> , 2022, 12, 2512.	1.6	7
79	Proteinuria converts hepatic heparan sulfate to an effective proprotein convertase subtilisin kexin type 9 enzyme binding partner. <i>Kidney International</i> , 2021, 99, 1369-1381.	2.6	6
80	Recycling the LDL receptor to combat atherosclerosis. <i>Aging</i> , 2018, 10, 3638-3640.	1.4	6
81	Gut microbiota dysbiosis augments atherosclerosis in LDLR $^{-/-}$ mice. <i>Atherosclerosis</i> , 2017, 263, e97.	0.4	3
82	Hypercholesterolemia in Progressive Renal Failure Is Associated with Changes in Hepatic Heparan Sulfate - PCSK9 Interaction. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 1371-1388.	3.0	3
83	Apolipoprotein F is reduced in humans with steatosis and controls plasma triglyceride-rich lipoprotein metabolism. <i>Hepatology</i> , 2023, 77, 1287-1302.	3.6	3
84	News on the genetics of lipoprotein metabolism and cardiovascular disease. <i>Current Opinion in Lipidology</i> , 2013, 24, 185-186.	1.2	2
85	Transgene Design. <i>Methods in Molecular Biology</i> , 2011, 693, 89-101.	0.4	1
86	PS4 - 19. Expression of lipid genes, but not adipokine genes, in visceral adipose tissue is related to liver damage in obese individuals. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2011, 9, 103-103.	0.0	0
87	PS3 - 13. Enhanced TNF Signaling in Kupffer Cells is Sufficient to Induce NASH. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2012, 10, 108-108.	0.0	0
88	COMMD1 is an Immune Regulatory Gene That Plays a Role In IBD Pathogenesis. <i>Inflammatory Bowel Diseases</i> , 2012, 18, S104.	0.9	0
89	In-vivo genome editing using CRISPR-Cas9 to study lipid metabolism. <i>Current Opinion in Lipidology</i> , 2016, 27, 92-93.	1.2	0
90	COMMD1 in Copper Homeostasis. , 2019, , 57-63.		0

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91	Prevention of Triglyceridemia by (Non-)Anticoagulant Heparin(oids) Does Not Preclude Transplant Vasculopathy and Glomerulosclerosis. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 798088.	1.8	0