

Sander Rensen

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

6,181
citations

76294

40
h-index

71651

76
g-index

98
all docs

98
docs citations

98
times ranked

13168
citing authors

#	ARTICLE	IF	CITATIONS
1	The Role of Intestinal Microbiota in Metastatic Colorectal Cancer Patients Treated With Capecitabine. <i>Clinical Colorectal Cancer</i> , 2022, 21, e87-e97.	1.0	6
2	Human pancreatic tumour organoid-derived factors enhance myogenic differentiation. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1302-1313.	2.9	6
3	Preparing ductal epithelial organoids for high-spatial-resolution molecular profiling using mass spectrometry imaging. <i>Nature Protocols</i> , 2022, 17, 962-979.	5.5	12
4	Ovarian cancer ascites induces skeletal muscle wasting <i>in vitro</i> and reflects sarcopenia in patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 311-324.	2.9	8
5	Magnetic Fluid Hyperthermia as Treatment Option for Pancreatic Cancer Cells and Pancreatic Cancer Organoids. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 2965-2981.	3.3	24
6	Gut microbiota and metabolic aspects of cancer cachexia. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2021, 35, 101508.	2.2	19
7	Intestinal smooth muscle aberrations in pancreatic cancer patients with sarcopenia. <i>JCSM Rapid Communications</i> , 2021, 4, 187-196.	0.6	2
8	Ectopic fat in liver and skeletal muscle is associated with shorter overall survival in patients with colorectal liver metastases. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 983-992.	2.9	9
9	Long Non-Coding RNAs Involved in Progression of Non-Alcoholic Fatty Liver Disease to Steatohepatitis. <i>Cells</i> , 2021, 10, 1883.	1.8	14
10	The Cachexia Syndrome in Pancreatic Cancer. , 2021, , 235-250.		0
11	Gut microbiota and short-chain fatty acid alterations in cachectic cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 2007-2021.	2.9	56
12	Hepatic Steatosis Contributes to the Development of Muscle Atrophy via Inter-Organ Crosstalk. <i>Frontiers in Endocrinology</i> , 2021, 12, 733625.	1.5	2
13	Activation of the Complement System in Patients with Cancer Cachexia. <i>Cancers</i> , 2021, 13, 5767.	1.7	3
14	Neoantigen Quantity and Quality in Relation to Pancreatic Cancer Survival. <i>Frontiers in Medicine</i> , 2021, 8, 751110.	1.2	0
15	Intestinal Microbiota in Postmenopausal Breast Cancer Patients and Controls. <i>Cancers</i> , 2021, 13, 6200.	1.7	16
16	Low thoracic muscle radiation attenuation is associated with postoperative pneumonia following partial hepatectomy for colorectal metastasis. <i>Hpb</i> , 2020, 22, 1011-1019.	0.1	17
17	Generation and initial characterization of novel tumour organoid models to study human pancreatic cancer-induced cachexia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1509-1524.	2.9	29
18	No influence of sarcopenia on survival of ovarian cancer patients in a prospective validation study. <i>Gynecologic Oncology</i> , 2020, 159, 706-711.	0.6	12

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19	Sex-opposed inflammatory effects of 27-hydroxycholesterol are mediated via differences in estrogen signaling. <i>Journal of Pathology</i> , 2020, 251, 429-439.	2.1	9
20	The effects of bariatric surgery on clinical profile, DNA methylation, and ageing in severely obese patients. <i>Clinical Epigenetics</i> , 2020, 12, 14.	1.8	23
21	The endothelial function biomarker soluble E-selectin is associated with nonalcoholic fatty liver disease. <i>Liver International</i> , 2020, 40, 1079-1088.	1.9	17
22	The cutaneous microbiome in hospitalized patients with pressure ulcers. <i>Scientific Reports</i> , 2020, 10, 5963.	1.6	15
23	Sarcopenia and ovarian cancer survival: a systematic review and meta-analysis. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1165-1174.	2.9	108
24	The Clinical Link between Human Intestinal Microbiota and Systemic Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4145.	1.8	49
25	d-amino Acids in Health and Disease: A Focus on Cancer. <i>Nutrients</i> , 2019, 11, 2205.	1.7	103
26	Duodenal-jejunal lining increases postprandial unconjugated bile acid responses and disrupts the bile acid-FXR-FGF19 axis in humans. <i>Metabolism: Clinical and Experimental</i> , 2019, 93, 25-32.	1.5	13
27	Myosteatosis is associated with poor physical fitness in patients undergoing hepatopancreatobiliary surgery. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 860-871.	2.9	42
28	Tumour-specific and organ-specific protein synthesis rates in patients with pancreatic cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 549-556.	2.9	15
29	Host phenotype is associated with reduced survival independent of tumour biology in patients with colorectal liver metastases. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 123-130.	2.9	19
30	Distal versus proximal intestinal short-chain fatty acid release in man. <i>Gut</i> , 2019, 68, 764-765.	6.1	46
31	Diet-Induced Alteration of Microbiota and Development of Obesity, Nonalcoholic Fatty Liver Disease, and Diabetes: Study Protocol of a Prospective Study. <i>JMIR Research Protocols</i> , 2019, 8, e11553.	0.5	6
32	Lipopolysaccharide Lowers Cholesteryl Ester Transfer Protein by Activating F4/80 ⁺ Clec4f ⁺ Vsig4 ⁺ Ly6C ^{hi} Kupffer Cell Subsets. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	27
33	Myosteatosis predicts survival after surgery for periampullary cancer: a novel method using MRI. <i>Hpb</i> , 2018, 20, 715-720.	0.1	25
34	Spatial Systems Lipidomics Reveals Nonalcoholic Fatty Liver Disease Heterogeneity. <i>Analytical Chemistry</i> , 2018, 90, 5130-5138.	3.2	44
35	Impact of chemotherapy-associated liver injury on tumour regression grade and survival in patients with colorectal liver metastases. <i>Hpb</i> , 2018, 20, 147-154.	0.1	12
36	Adipose tissue macrophages induce hepatic neutrophil recruitment and macrophage accumulation in mice. <i>Gut</i> , 2018, 67, 1317-1327.	6.1	108

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37	TUB gene expression in hypothalamus and adipose tissue and its association with obesity in humans. <i>International Journal of Obesity</i> , 2018, 42, 376-383.	1.6	14
38	A novel human cell culture model to study visceral smooth muscle phenotypic modulation in health and disease. <i>American Journal of Physiology - Cell Physiology</i> , 2018, 315, C598-C607.	2.1	8
39	Mitochondrial dysfunction-related lipid changes occur in nonalcoholic fatty liver disease progression. <i>Journal of Lipid Research</i> , 2018, 59, 1977-1986.	2.0	144
40	Metabolic liver inflammation in obesity does not robustly decrease hepatic and circulating CETP. <i>Atherosclerosis</i> , 2018, 275, 149-155.	0.4	5
41	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
42	Low skeletal muscle radiation attenuation and visceral adiposity are associated with overall survival and surgical site infections in patients with pancreatic cancer. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017, 8, 317-326.	2.9	176
43	Human splanchnic amino-acid metabolism. <i>Amino Acids</i> , 2017, 49, 161-172.	1.2	21
44	Inter-Tissue Gene Co-Expression Networks between Metabolically Healthy and Unhealthy Obese Individuals. <i>PLoS ONE</i> , 2016, 11, e0167519.	1.1	21
45	Plasma cathepsin D correlates with histological classifications of fatty liver disease in adults and responds to intervention. <i>Scientific Reports</i> , 2016, 6, 38278.	1.6	35
46	The influence of chemotherapy-associated sinusoidal dilatation on short-term outcome after partial hepatectomy for colorectal liver metastases: A systematic review with meta-analysis. <i>Surgical Oncology</i> , 2016, 25, 298-307.	0.8	9
47	Impact of Duodenal-Jejunal Exclusion on Satiety Hormones. <i>Obesity Surgery</i> , 2016, 26, 672-678.	1.1	28
48	Effects of Liver Resection on Hepatic Short-Chain Fatty Acid Metabolism in Humans. <i>PLoS ONE</i> , 2016, 11, e0166161.	1.1	6
49	Effects of oral meal feeding on whole body protein breakdown and protein synthesis in cachectic pancreatic cancer patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2015, 6, 212-221.	2.9	54
50	Plasma cholesteryl ester transfer protein is predominantly derived from Kupffer cells. <i>Hepatology</i> , 2015, 62, 1710-1722.	3.6	60
51	Colonic metaproteomic signatures of active bacteria and the host in obesity. <i>Proteomics</i> , 2015, 15, 3544-3552.	1.3	70
52	Determining the association between adipokine expression in multiple tissues and phenotypic features of non-alcoholic fatty liver disease in obesity. <i>Nutrition and Diabetes</i> , 2015, 5, e146-e146.	1.5	40
53	The Role of Microbial Amino Acid Metabolism in Host Metabolism. <i>Nutrients</i> , 2015, 7, 2930-2946.	1.7	656
54	Navigating through metaproteomics data: A logbook of database searching. <i>Proteomics</i> , 2015, 15, 3439-3453.	1.3	128

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55	The gut microbiota of nonalcoholic fatty liver disease: current methods and their interpretation. <i>Hepatology International</i> , 2015, 9, 406-415.	1.9	33
56	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. <i>Cell Metabolism</i> , 2015, 22, 1078-1089.	7.2	192
57	Protein-Bound Plasma N ^ε -(Carboxymethyl)lysine Is Inversely Associated With Central Obesity and Inflammation and Significantly Explain a Part of the Central Obesity-Related Increase in Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 2707-2713.	1.1	36
58	Protective Role of Plant Sterol and Stanol Esters in Liver Inflammation: Insights from Mice and Humans. <i>PLoS ONE</i> , 2014, 9, e110758.	1.1	48
59	Genetic and epigenetic regulation of gene expression in fetal and adult human livers. <i>BMC Genomics</i> , 2014, 15, 860.	1.2	124
60	Six Months of Treatment with the Endoscopic Duodenal-Jejunal Bypass Liner Does Not Lead to Decreased Systemic Inflammation in Obese Patients with Type 2 Diabetes. <i>Obesity Surgery</i> , 2014, 24, 337-341.	1.1	14
61	N ^ε -(Carboxymethyl)lysine-Receptor for Advanced Glycation End Product Axis Is a Key Modulator of Obesity-Induced Dysregulation of Adipokine Expression and Insulin Resistance. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1199-1208.	1.1	165
62	Complement Alternative Pathway Activation in Human Nonalcoholic Steatohepatitis. <i>PLoS ONE</i> , 2014, 9, e110053.	1.1	30
63	Endoscopic Duodenal-Jejunal Bypass Liner Rapidly Improves Type 2 Diabetes. <i>Obesity Surgery</i> , 2013, 23, 1354-1360.	1.1	136
64	Non-alcoholic steatohepatitis: A non-invasive diagnosis by analysis of exhaled breath. <i>Journal of Hepatology</i> , 2013, 58, 543-548.	1.8	51
65	Nicotine effect on inflammatory and growth factor responses in murine cutaneous wound healing. <i>International Immunopharmacology</i> , 2013, 17, 1155-1164.	1.7	24
66	Endoscopic Duodenal-Jejunal Bypass Liner Rapidly Improves Plasma Parameters of Nonalcoholic Fatty Liver Disease. <i>Clinical Gastroenterology and Hepatology</i> , 2013, 11, 1517-1520.	2.4	34
67	The Cholesterol Derivative 27-Hydroxycholesterol Reduces Steatohepatitis in Mice. <i>Gastroenterology</i> , 2013, 144, 167-178.e1.	0.6	77
68	Human intestinal microbiota composition is associated with local and systemic inflammation in obesity. <i>Obesity</i> , 2013, 21, E607-15.	1.5	469
69	De novo lipogenesis in human fat and liver is linked to ChREBP ¹² and metabolic health. <i>Nature Communications</i> , 2013, 4, 1528.	5.8	241
70	PS13 - 7. Plasma cholesteryl ester transfer protein: a biomarker for hepatic macrophages. <i>Nederlands Tijdschrift Voor Diabetologie</i> , 2013, 11, 195-195.	0.0	0
71	Liver manipulation during liver surgery in humans is associated with hepatocellular damage and hepatic inflammation. <i>Liver International</i> , 2013, 33, 633-641.	1.9	23
72	Total Parenteral Nutrition Induces a Shift in the Firmicutes to Bacteroidetes Ratio in Association with Paneth Cell Activation in Rats. <i>Journal of Nutrition</i> , 2012, 142, 2141-2147.	1.3	57

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73	Complement alternative pathway activation is associated with severity of nonalcoholic steatohepatitis. <i>Immunobiology</i> , 2012, 217, 1154.	0.8	0
74	Endogenous formation of N ^ε -(carboxymethyl)lysine is increased in fatty livers and induces inflammatory markers in an in vitro model of hepatic steatosis. <i>Journal of Hepatology</i> , 2012, 56, 647-655.	1.8	90
75	Decreased nucleotide excision repair in steatotic livers associates with myeloperoxidase-immunoreactivity. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 736, 75-81.	0.4	26
76	Neutrophil-Derived Myeloperoxidase Aggravates Non-Alcoholic Steatohepatitis in Low-Density Lipoprotein Receptor-Deficient Mice. <i>PLoS ONE</i> , 2012, 7, e52411.	1.1	100
77	Small Intestinal Alterations in Severely Obese Hyperglycemic Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E379-E383.	1.8	78
78	Novel Evidence for Chronic Exposure to Endotoxin in Human Nonalcoholic Steatohepatitis. <i>Journal of Clinical Gastroenterology</i> , 2011, 45, 149-152.	1.1	138
79	Lack of Evidence for the Role of Human Adenovirus β 6 in Obesity in a European Cohort. <i>Obesity</i> , 2011, 19, 220-221.	1.5	66
80	Reduced Paneth cell antimicrobial protein levels correlate with activation of the unfolded protein response in the gut of obese individuals. <i>Journal of Pathology</i> , 2011, 225, 276-284.	2.1	94
81	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
82	Trans-eQTLs Reveal That Independent Genetic Variants Associated with a Complex Phenotype Converge on Intermediate Genes, with a Major Role for the HLA. <i>PLoS Genetics</i> , 2011, 7, e1002197.	1.5	324
83	Co-expressed immune and metabolic genes in visceral and subcutaneous adipose tissue from severely obese individuals are associated with plasma HDL and glucose levels: a microarray study. <i>BMC Medical Genomics</i> , 2010, 3, 34.	0.7	43
84	Wnt/frizzled signalling modulates the migration and differentiation of immortalized cardiac fibroblasts. <i>Cardiovascular Research</i> , 2010, 87, 514-523.	1.8	54
85	Early insulin sensitivity after restrictive bariatric surgery, inconsistency between HOMA-IR and steady-state plasma glucose levels. <i>Surgery for Obesity and Related Diseases</i> , 2010, 6, 340-344.	1.0	11
86	Activation of the complement system in human nonalcoholic fatty liver disease. <i>Hepatology</i> , 2009, 50, 1809-1817.	3.6	130
87	Neutrophil Activation in Morbid Obesity, Chronic Activation of Acute Inflammation. <i>Obesity</i> , 2009, 17, 2014-2018.	1.5	204
88	Complement activation in human non-alcoholic fatty liver disease. <i>Molecular Immunology</i> , 2009, 46, 2862.	1.0	1
89	Increased Hepatic Myeloperoxidase Activity in Obese Subjects with Nonalcoholic Steatohepatitis. <i>American Journal of Pathology</i> , 2009, 175, 1473-1482.	1.9	217
90	Short-term Overfeeding Induces Insulin Resistance in Weight-stable Patients After Bariatric Surgery. <i>Obesity Surgery</i> , 2008, 18, 300-305.	1.1	6

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91	Smoothelin-B Deficiency Results in Reduced Arterial Contractility, Hypertension, and Cardiac Hypertrophy in Mice. <i>Circulation</i> , 2008, 118, 828-836.	1.6	46
92	Smoothelin in Vascular Smooth Muscle Cells. <i>Trends in Cardiovascular Medicine</i> , 2007, 17, 26-30.	2.3	86
93	Smoothelin-A Is Essential for Functional Intestinal Smooth Muscle Contractility in Mice. <i>Gastroenterology</i> , 2005, 129, 1592-1601.	0.6	71
94	Biochemical evidence for interaction between smoothelin and filamentous actin. <i>Experimental Cell Research</i> , 2004, 292, 170-178.	1.2	46
95	Cultured Porcine Coronary Artery Smooth Muscle Cells. <i>Circulation Research</i> , 1999, 85, 99-107.	2.0	122