

# Roel J Vonk

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,190  
citations

623734

14  
h-index

610901

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1910  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological effects of propionic acid in humans; metabolism, potential applications and underlying mechanisms. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2010, 1801, 1175-1183.	2.4	441
2	Effects of yogurt and bifidobacteria supplementation on the colonic microbiota in lactose-intolerant subjects. <i>Journal of Applied Microbiology</i> , 2007, 104, 071010063119001-???	3.1	128
3	Differences in propionate-induced inhibition of cholesterol and triacylglycerol synthesis between human and rat hepatocytes in primary culture. <i>British Journal of Nutrition</i> , 1995, 74, 197-207.	2.3	106
4	The Rate of Intestinal Glucose Absorption Is Correlated with Plasma Glucose-Dependent Insulinotropic Polypeptide Concentrations in Healthy Men. <i>Journal of Nutrition</i> , 2006, 136, 1511-1516.	2.9	91
5	Slowly and rapidly digestible starchy foods can elicit a similar glycemic response because of differential tissue glucose uptake in healthy men. <i>American Journal of Clinical Nutrition</i> , 2012, 96, 1017-1024.	4.7	66
6	The Glycemic Response Does Not Reflect the In Vivo Starch Digestibility of Fiber-Rich Wheat Products in Healthy Men <sup>4</sup> . <i>Journal of Nutrition</i> , 2012, 142, 258-263.	2.9	52
7	A 12-wk whole-grain wheat intervention protects against hepatic fat: the Graandioos study, a randomized trial in overweight subjects. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 1264-1274.	4.7	50
8	Whole Grain Wheat Consumption Affects Postprandial Inflammatory Response in a Randomized Controlled Trial in Overweight and Obese Adults with Mild Hypercholesterolemia in the Graandioos Study. <i>Journal of Nutrition</i> , 2019, 149, 2133-2144.	2.9	33
9	The structure of wheat bread influences the postprandial metabolic response in healthy men. <i>Food and Function</i> , 2015, 6, 3236-3248.	4.6	30
10	An explorative study of in vivo digestive starch characteristics and postprandial glucose kinetics of wholemeal wheat bread. <i>European Journal of Nutrition</i> , 2008, 47, 417-423.	3.9	29
11	Difference in postprandial GLP-1 response despite similar glucose kinetics after consumption of wheat breads with different particle size in healthy men. <i>European Journal of Nutrition</i> , 2017, 56, 1063-1076.	3.9	25
12	FXR overexpression alters adipose tissue architecture in mice and limits its storage capacity leading to metabolic derangements. <i>Journal of Lipid Research</i> , 2019, 60, 1547-1561.	4.2	19
13	Quantitative proteomics analyses of activation states of human THP-1 macrophages. <i>Journal of Proteomics</i> , 2015, 128, 164-172.	2.4	17
14	Effect of fibre additions to flatbread flour mixes on glucose kinetics: a randomised controlled trial. <i>British Journal of Nutrition</i> , 2017, 118, 777-787.	2.3	16
15	Metabolic Profiling Reveals Differences in Plasma Concentrations of Arabinose and Xylose after Consumption of Fiber-Rich Pasta and Wheat Bread with Differential Rates of Systemic Appearance of Exogenous Glucose in Healthy Men. <i>Journal of Nutrition</i> , 2017, 147, 152-160.	2.9	14
16	Diet Quality and Upper Gastrointestinal Cancers Risk: A Meta-Analysis and Critical Assessment of Evidence Quality. <i>Nutrients</i> , 2020, 12, 1863.	4.1	13
17	Progress in the biology and analysis of short chain fatty acids. <i>Journal of Physiology</i> , 2017, 595, 419-420.	2.9	12
18	The use of metabolic profiling to identify insulin resistance in veal calves. <i>PLoS ONE</i> , 2017, 12, e0179612.	2.5	12

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19	The Rate of Glucose Appearance Is Related to Postprandial Glucose and Insulin Responses in Adults: A Systematic Review and Meta-analysis of Stable Isotope Studies. <i>Journal of Nutrition</i> , 2019, 149, 1896-1903.	2.9	10
20	Anabolic competence: Assessment and integration of the multimodality interventional approach in disease-related malnutrition. <i>Nutrition</i> , 2019, 65, 179-184.	2.4	9
21	Whole Body Protein Oxidation Unaffected after a Protein Restricted Diet in Healthy Young Males. <i>Nutrients</i> , 2019, 11, 115.	4.1	7
22	&lt;sup&gt;13&/sup&gt;C Protein Oxidation in Breath: Is It Relevant for the Whole Body Protein Status?. <i>Journal of Biomedical Science and Engineering</i> , 2016, 09, 160-169.	0.4	5
23	Aerobic exercise increases post-exercise exogenous protein oxidation in healthy young males. <i>PLoS ONE</i> , 2019, 14, e0225803.	2.5	3
24	Milk protein oxidation in healthy subjects: A preliminary study. <i>International Dairy Journal</i> , 2020, 111, 104826.	3.0	2
25	HEPATIC CATABOLISM OF CHOLESTEROL. <i>Pediatric Research</i> , 1986, 20, 1017-1018.	2.3	0
26	Digestion and fermentation of 13C labelled barley: a curve fitting approach. <i>FASEB Journal</i> , 2008, 22, 1089.1.	0.5	0
27	Colonic fermentation of indigestible carbohydrates of a previous evening meal increases tissue glucose uptake. <i>FASEB Journal</i> , 2009, 23, 351.3.	0.5	0
28	Factors related to colonic fermentation of non-digestible carbohydrates of a previous evening meal increase tissue glucose uptake and moderate glucose-associated inflammation. <i>FASEB Journal</i> , 2010, 24, 724.12.	0.5	0
29	Broccoli seedlings prevent glucose-induced inflammation of peripheral blood mononuclear cells in humans. <i>FASEB Journal</i> , 2012, 26, 823.37.	0.5	0