

Rune Blomhoff

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

3,063

citations

20

h-index

55

g-index

68

ext. papers

3,478

ext. citations

3.6

avg, IF

5.34

L-index

#	Paper	IF	Citations
67	Gene expression regulation by retinoic acid. <i>Journal of Lipid Research</i> , 2002 , 43, 1773-808	6.3	696
66	Overview of retinoid metabolism and function. <i>Journal of Neurobiology</i> , 2006 , 66, 606-30		675
65	Perisinusoidal stellate cells of the liver: important roles in retinol metabolism and fibrosis. <i>FASEB Journal</i> , 1991 , 5, 271-7	0.9	348
64	Health benefits of nuts: potential role of antioxidants. <i>British Journal of Nutrition</i> , 2006 , 96 Suppl 2, S52-60	6.6	270
63	Dietary antioxidants and cardiovascular disease. <i>Current Opinion in Lipidology</i> , 2005 , 16, 47-54	4.4	161
62	Cyclic AMP-mediated suppression of normal and neoplastic B cell proliferation is associated with regulation of myc and Ha-ras protooncogenes. <i>Journal of Cellular Physiology</i> , 1987 , 131, 426-33	7	60
61	Epicatechin attenuates atherosclerosis and exerts anti-inflammatory effects on diet-induced human-CRP and NFB in vivo. <i>Atherosclerosis</i> , 2014 , 233, 149-56	3.1	55
60	Tomato-based randomized controlled trial in prostate cancer patients: Effect on PSA. <i>Clinical Nutrition</i> , 2017 , 36, 672-679	5.9	50
59	Quantitative axial profiles of retinoic acid in the embryonic mouse spinal cord: 9-cis retinoic acid only detected after all-trans-retinoic acid levels are super-elevated experimentally. <i>Developmental Dynamics</i> , 2001 , 222, 341-53	2.9	43
58	Effects of genotype and environment on total anti-oxidant capacity and the content of sugars and acids in strawberries (<i>Fragaria</i> L. and <i>Ananassa</i> Duch.). <i>Journal of Horticultural Science and Biotechnology</i> , 2006 , 81, 1057-1063	1.9	40
57	Polyphenol-rich juices reduce blood pressure measures in a randomised controlled trial in high normal and hypertensive volunteers. <i>British Journal of Nutrition</i> , 2015 , 114, 1054-63	3.6	38
56	Feasibility of self-sampled dried blood spot and saliva samples sent by mail in a population-based study. <i>BMC Cancer</i> , 2015 , 15, 265	4.8	36
55	Colour of post-harvest ripened and vine ripened tomatoes (<i>Lycopersicon esculentum</i> Mill.) as related to total antioxidant capacity and chemical composition. <i>International Journal of Food Science and Technology</i> , 2004 , 39, 295-302	3.8	36
54	Specific teratogenic effects of different retinoic acid isomers and analogs in the developing anterior central nervous system of zebrafish. <i>Developmental Dynamics</i> , 1996 , 206, 73-86	2.9	36
53	RAR-, not RXR, ligands inhibit cell activation and prevent apoptosis in B-lymphocytes. <i>Journal of Cellular Physiology</i> , 1998 , 175, 68-77	7	34
52	Both genetic and dietary factors underlie individual differences in DNA damage levels and DNA repair capacity. <i>DNA Repair</i> , 2014 , 16, 66-73	4.3	32
51	Retinol, Retinoic Acid, and Retinol-Binding Protein 4 are Differentially Associated with Cardiovascular Disease, Type 2 Diabetes, and Obesity: An Overview of Human Studies. <i>Advances in Nutrition</i> , 2020 , 11, 644-666	10	28

50	Uptake and release of amino acids in the fetal-placental unit in human pregnancies. <i>PLoS ONE</i> , 2017 , 12, e0185760	3.7	26
49	Emotional Eating in Relation to Worries and Psychological Distress Amid the COVID-19 Pandemic: A Population-Based Survey on Adults in Norway. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 18,	4.6	22
48	Validity of bioelectrical impedance analysis in estimation of fat-free mass in colorectal cancer patients. <i>Clinical Nutrition</i> , 2018 , 37, 292-300	5.9	21
47	IRF4 Is a Critical Gene in Retinoic Acid-Mediated Plasma Cell Formation and Is Deregulated in Common Variable Immunodeficiency-Derived B Cells. <i>Journal of Immunology</i> , 2015 , 195, 2601-11	5.3	20
46	No increase in risk of hip fracture at high serum retinol concentrations in community-dwelling older Norwegians: the Norwegian Epidemiologic Osteoporosis Studies. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1289-96	7	19
45	Distribution of retinol in rat liver cells: effect of age, sex and nutritional status. <i>British Journal of Nutrition</i> , 1988 , 60, 233-9	3.6	19
44	Effects of antioxidant-rich foods on altitude-induced oxidative stress and inflammation in elite endurance athletes: A randomized controlled trial. <i>PLoS ONE</i> , 2019 , 14, e0217895	3.7	18
43	Evaluation of dietary patterns among Norwegian postmenopausal women using plasma carotenoids as biomarkers. <i>British Journal of Nutrition</i> , 2015 , 113, 672-82	3.6	17
42	Quantitative assessment of retinoid signaling pathways in the developing eye and retina of the chicken embryo. <i>Journal of Comparative Neurology</i> , 2001 , 436, 324-335	3.4	17
41	A Collaborative Analysis of Individual Participant Data from 19 Prospective Studies Assesses Circulating Vitamin D and Prostate Cancer Risk. <i>Cancer Research</i> , 2019 , 79, 274-285	10.1	17
40	Effects of vitamin C and E supplementation on endogenous antioxidant systems and heat shock proteins in response to endurance training. <i>Physiological Reports</i> , 2014 , 2, e12142	2.6	16
39	Expression of retinoic acid target genes in coronary artery disease. <i>International Journal of Molecular Medicine</i> , 2014 , 33, 677-86	4.4	16
38	Secretion of N-(4-hydroxyphenyl) retinamide-retinol-binding protein from liver parenchymal cells: evidence for reduced affinity of the complex for transthyretin. <i>International Journal of Cancer</i> , 1997 , 71, 654-9	7.5	15
37	Coffee inhibits nuclear factor-kappa B in prostate cancer cells and xenografts. <i>Journal of Nutritional Biochemistry</i> , 2016 , 27, 153-63	6.3	13
36	The Norwegian dietary guidelines and colorectal cancer survival (CRC-NORDIET) study: a food-based multicentre randomized controlled trial. <i>BMC Cancer</i> , 2017 , 17, 83	4.8	13
35	A simple high-performance liquid chromatography (HPLC) method for the measurement of pyridoxal-5-phosphate and 4-pyridoxic acid in human plasma. <i>Clinica Chimica Acta</i> , 2014 , 433, 150-6	6.2	13
34	Binding of perlecan to transthyretin in vitro. <i>Biochemical Journal</i> , 1997 , 326 (Pt 3), 829-36	3.8	13
33	Total antioxidant intake and prostate cancer in the Cancer of the Prostate in Sweden (CAPS) study. A case control study. <i>BMC Cancer</i> , 2016 , 16, 438	4.8	12

32	Agreement between PG-SGA category and fat-free mass in colorectal cancer patients. <i>Clinical Nutrition ESPEN</i> , 2018 , 27, 24-31	1.3	11
31	Hepatic retinol metabolism: role of the various cell types. <i>Nutrition Reviews</i> , 1987 , 45, 257-63	6.4	11
30	Cardiovascular disease risk associated with serum apolipoprotein B is modified by serum vitamin A. <i>Atherosclerosis</i> , 2017 , 265, 325-330	3.1	8
29	Uptake and storage of retinol and retinyl esters in bone marrow of children with acute myeloid leukemia treated with high-dose retinyl palmitate. <i>European Journal of Haematology</i> , 1994 , 52, 140-4	3.8	8
28	The risk association of plasma total homocysteine with acute myocardial infarction is modified by serum vitamin A. <i>European Journal of Preventive Cardiology</i> , 2018 , 25, 1612-1620	3.9	7
27	Nuclear deviation in hepatic parenchymal cells on sinusoidal surfaces in Arctic animals. <i>Cell Structure and Function</i> , 2001 , 26, 71-7	2.2	6
26	Long Term Association between Serum 25-Hydroxyvitamin D and Mortality in a Cohort of 4379 Men. <i>PLoS ONE</i> , 2016 , 11, e0151441	3.7	6
25	Relative validity of a short food frequency questionnaire assessing adherence to the Norwegian dietary guidelines among colorectal cancer patients. <i>Food and Nutrition Research</i> , 2018 , 62,	3.1	6
24	Vitamin A-sensitive tissues in transgenic mice expressing high levels of human cellular retinol-binding protein type I are not altered phenotypically. <i>Journal of Nutrition</i> , 1999 , 129, 1621-7	4.1	5
23	Vitamin A deficiency impairs colonic healing but not adhesion formation in germ-free and conventional rats. <i>Journal of Investigative Surgery</i> , 1999 , 12, 319-25	1.2	5
22	Effects of polymorphisms in endothelial nitric oxide synthase and folate metabolizing genes on the concentration of serum nitrate, folate, and plasma total homocysteine after folic acid supplementation: a double-blind crossover study. <i>Nutrition</i> , 2015 , 31, 337-44	4.8	4
21	DNA damage in blood cells in relation to chemotherapy and nutritional status in colorectal cancer patients-A pilot study. <i>DNA Repair</i> , 2018 , 63, 16-24	4.3	4
20	The Nordic Nutrition Recommendations 2022 - principles and methodologies. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	4
19	Creatinine, total cysteine and uric acid are associated with serum retinol in patients with cardiovascular disease. <i>European Journal of Nutrition</i> , 2020 , 59, 2383-2393	5.2	4
18	Baseline oxidative defense and survival after 5-7 years among elderly stroke patients at nutritional risk: Follow-up of a randomized, nutritional intervention trial. <i>Clinical Nutrition</i> , 2015 , 34, 775-8	5.9	3
17	Validation of two short questionnaires assessing physical activity in colorectal cancer patients. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2018 , 10, 8	2.4	3
16	Retinol-induced secretion of human retinol-binding protein in yeast. <i>FEBS Letters</i> , 1998 , 427, 213-9	3.8	3
15	Low density lipoprotein receptor determination in peripheral blood mononuclear cells: influence of differences in cell concentration. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1986 , 46, 477-88	2	3

14	The Nordic Nutrition Recommendations 2022 - structure and rationale of qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	3
13	The Nordic Nutrition Recommendations 2022 - handbook for qualified systematic reviews. <i>Food and Nutrition Research</i> , 2020 , 64,	3.1	2
12	Quantification of adipose tissues by Dual-Energy X-Ray Absorptiometry and Computed Tomography in colorectal cancer patients. <i>Clinical Nutrition ESPEN</i> , 2021 , 43, 360-368	1.3	2
11	Placental release of taurine to both the maternal and fetal circulations in human term pregnancies. <i>Amino Acids</i> , 2018 , 50, 1205-1214	3.5	2
10	Use of bioelectrical impedance analysis to monitor changes in fat-free mass during recovery from colorectal cancer- a validation study. <i>Clinical Nutrition ESPEN</i> , 2020 , 40, 201-207	1.3	1
9	Retinoids: essential nutrients for the central nervous system. <i>Nutrition and Health</i> , 2002 , 16, 35-9	2.1	1
8	Bilberry/red grape juice decreases plasma biomarkers of inflammation and tissue damage in aged men with subjective memory impairment -a randomized clinical trial. <i>BMC Nutrition</i> , 2021 , 7, 75	2.5	1
7	Agreement between GLIM and PG-SGA for diagnosis of malnutrition depends on the screening tool used in GLIM.. <i>Clinical Nutrition</i> , 2021 , 41, 329-336	5.9	1
6	Replacing Saturated Fat with Polyunsaturated Fat Modulates Peripheral Blood Mononuclear Cell Gene Expression and Pathways Related to Cardiovascular Disease Risk Using a Whole Transcriptome Approach. <i>Molecular Nutrition and Food Research</i> , 2021 , e2100633	5.9	1
5	A transgenic reporter mouse model for assessment of retinoic acid receptor transcriptional activation. <i>International Journal for Vitamin and Nutrition Research</i> , 2021 , 1-13	1.7	1
4	Distress, problems and unmet rehabilitation needs after treatment for gynecological cancer.. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2021 ,	3.8	1
3	Dietary Adjustments to Altitude Training in Elite Endurance Athletes; Impact of a Randomized Clinical Trial With Antioxidant-Rich Foods. <i>Frontiers in Sports and Active Living</i> , 2020 , 2, 106	2.3	0
2	Precision of Lunar Dual-energy X-ray Absorptiometry (iDXA) in measuring body composition among colorectal cancer patients and healthy subjects. <i>Clinical Nutrition ESPEN</i> , 2021 , 44, 316-323	1.3	0
1	Biochemical and histochemical analyses of lecithin:retinol acyltransferase from polar bear (<i>Ursus maritimus</i>) livers. <i>Polar Biology</i> , 2018 , 41, 805-815	2	