

# Margreet C M Vissers

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,377  
citations

218592

26  
h-index

214721

47  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2974  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Roles of Vitamin C in Skin Health. <i>Nutrients</i> , 2017, 9, 866.	1.7	360
2	Ascorbate as a Co-Factor for Fe- and 2-Oxoglutarate Dependent Dioxygenases: Physiological Activity in Tumor Growth and Progression. <i>Frontiers in Oncology</i> , 2014, 4, 359.	1.3	132
3	Vitamin C and immune cell function in inflammation and cancer. <i>Biochemical Society Transactions</i> , 2018, 46, 1147-1159.	1.6	127
4	Let them eat fruit! The effect of fruit and vegetable consumption on psychological well-being in young adults: A randomized controlled trial. <i>PLoS ONE</i> , 2017, 12, e0171206.	1.1	125
5	Potential Mechanisms of Action for Vitamin C in Cancer: Reviewing the Evidence. <i>Frontiers in Physiology</i> , 2018, 9, 809.	1.3	120
6	Low Ascorbate Levels Are Associated with Increased Hypoxia-Inducible Factor-1 Activity and an Aggressive Tumor Phenotype in Endometrial Cancer. <i>Cancer Research</i> , 2010, 70, 5749-5758.	0.4	116
7	Intracellular ascorbate enhances hypoxia-inducible factor (HIF)-hydroxylase activity and preferentially suppresses the HIF-1 transcriptional response. <i>Free Radical Biology and Medicine</i> , 2014, 69, 308-317.	1.3	90
8	Alterations in the placental methylome with maternal obesity and evidence for metabolic regulation. <i>PLoS ONE</i> , 2017, 12, e0186115.	1.1	89
9	Synthetic or Food-Derived Vitamin C Are They Equally Bioavailable?. <i>Nutrients</i> , 2013, 5, 4284-4304.	1.7	79
10	Vitamin C Status Correlates with Markers of Metabolic and Cognitive Health in 50-Year-Olds: Findings of the CHALICE Cohort Study. <i>Nutrients</i> , 2017, 9, 831.	1.7	77
11	The Effect of Intravenous Vitamin C on Cancer- and Chemotherapy-Related Fatigue and Quality of Life. <i>Frontiers in Oncology</i> , 2014, 4, 283.	1.3	75
12	Enhanced Human Neutrophil Vitamin C Status, Chemotaxis and Oxidant Generation Following Dietary Supplementation with Vitamin C-Rich SunGold Kiwifruit. <i>Nutrients</i> , 2015, 7, 2574-2588.	1.7	73
13	Dietary ascorbate intake affects steady state tissue concentrations in vitamin C deficient mice: tissue deficiency after suboptimal intake and superior bioavailability from a food source (kiwifruit). <i>American Journal of Clinical Nutrition</i> , 2011, 93, 292-301.	2.2	68
14	Pharmacokinetic and anti-cancer properties of high dose ascorbate in solid tumours of ascorbate-dependent mice. <i>Free Radical Biology and Medicine</i> , 2016, 99, 451-462.	1.3	54
15	Increased Tumor Ascorbate is Associated with Extended Disease-Free Survival and Decreased Hypoxia-Inducible Factor-1 Activation in Human Colorectal Cancer. <i>Frontiers in Oncology</i> , 2014, 4, 10.	1.3	52
16	Activation of the hypoxia pathway in breast cancer tissue and patient survival are inversely associated with tumor ascorbate levels. <i>BMC Cancer</i> , 2019, 19, 307.	1.1	48
17	Restoring physiological levels of ascorbate slows tumor growth and moderates HIF-1 pathway activity in Gulo <sup>0/0</sup> mice. <i>Cancer Medicine</i> , 2015, 4, 303-314.	1.3	46
18	Bioavailability of vitamin C from kiwifruit in non-smoking males: determination of "healthy" and "optimal" intakes. <i>Journal of Nutritional Science</i> , 2012, 1, e14.	0.7	45

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19	The development and effectiveness of an ecological momentary intervention to increase daily fruit and vegetable consumption in low-consuming young adults. <i>Appetite</i> , 2017, 108, 32-41.	1.8	45
20	Clinical remission following ascorbate treatment in a case of acute myeloid leukemia with mutations in TET2 and WT1. <i>Blood Cancer Journal</i> , 2019, 9, 82.	2.8	43
21	The Bioavailability of Vitamin C from Kiwifruit. <i>Advances in Food and Nutrition Research</i> , 2013, 68, 125-147.	1.5	38
22	Pharmacokinetic modeling of ascorbate diffusion through normal and tumor tissue. <i>Free Radical Biology and Medicine</i> , 2014, 77, 340-352.	1.3	38
23	High Vitamin C Status Is Associated with Elevated Mood in Male Tertiary Students. <i>Antioxidants</i> , 2018, 7, 91.	2.2	36
24	A Randomized Steady-State Bioavailability Study of Synthetic versus Natural (Kiwifruit-Derived) Vitamin C. <i>Nutrients</i> , 2013, 5, 3684-3695.	1.7	33
25	Mood improvement in young adult males following supplementation with gold kiwifruit, a high-vitamin C food. <i>Journal of Nutritional Science</i> , 2013, 2, e24.	0.7	33
26	Bioavailable Blueberry-Derived Phenolic Acids at Physiological Concentrations Enhance Nrf2-Regulated Antioxidant Responses in Human Vascular Endothelial Cells. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700647.	1.5	32
27	Marginal Ascorbate Status (Hypovitaminosis C) Results in an Attenuated Response to Vitamin C Supplementation. <i>Nutrients</i> , 2016, 8, 341.	1.7	28
28	Regulation of the 2-oxoglutarate-dependent dioxygenases and implications for cancer. <i>Biochemical Society Transactions</i> , 2014, 42, 945-951.	1.6	25
29	Ascorbate modulates the hypoxic pathway by increasing intracellular activity of the HIF hydroxylases in renal cell carcinoma cells. <i>Hypoxia (Auckland, N Z)</i> , 2019, Volume 7, 17-31.	1.9	24
30	A Randomised Cross-Over Pharmacokinetic Bioavailability Study of Synthetic versus Kiwifruit-Derived Vitamin C. <i>Nutrients</i> , 2013, 5, 4451-4461.	1.7	22
31	The Epigenetic Role of Vitamin C in Neurodevelopment. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1208.	1.8	22
32	Roles of superoxide and myeloperoxidase in ascorbate oxidation in stimulated neutrophils and H <sub>2</sub> O <sub>2</sub> -treated HL60 cells. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1399-1405.	1.3	21
33	The Association Between Ascorbate and the Hypoxia-Inducible Factors in Human Renal Cell Carcinoma Requires a Functional Von Hippel-Lindau Protein. <i>Frontiers in Oncology</i> , 2018, 8, 574.	1.3	21
34	Emerging epigenetic therapeutics for myeloid leukemia: modulating demethylase activity with ascorbate. <i>Haematologica</i> , 2021, 106, 14-25.	1.7	16
35	Vitamin C Administration by Intravenous Infusion Increases Tumor Ascorbate Content in Patients With Colon Cancer: A Clinical Intervention Study. <i>Frontiers in Oncology</i> , 2020, 10, 600715.	1.3	15
36	Relief from cancer chemotherapy side effects with pharmacologic vitamin C. <i>New Zealand Medical Journal</i> , 2014, 127, 66-70.	0.5	14

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37	Low Vitamin C Status in Patients with Cancer Is Associated with Patient and Tumor Characteristics. <i>Nutrients</i> , 2020, 12, 2338.	1.7	12
38	The Role of 2-Oxoglutarate Dependent Dioxygenases in Gliomas and Glioblastomas: A Review of Epigenetic Reprogramming and Hypoxic Response. <i>Frontiers in Oncology</i> , 2021, 11, 619300.	1.3	12
39	KiwiC for Vitality: Results of a Placebo-Controlled Trial Testing the Effects of Kiwifruit or Vitamin C Tablets on Vitality in Adults with Low Vitamin C Levels. <i>Nutrients</i> , 2020, 12, 2898.	1.7	12
40	Ascorbate Inhibits Proliferation and Promotes Myeloid Differentiation in TP53-Mutant Leukemia. <i>Frontiers in Oncology</i> , 2021, 11, 709543.	1.3	11
41	Physiological Concentrations of Blueberry-Derived Phenolic Acids Reduce Monocyte Adhesion to Human Endothelial Cells. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900478.	1.5	9
42	Prolonged exposure to hypoxia induces an autophagy-like cell survival program in human neutrophils. <i>Journal of Leukocyte Biology</i> , 2019, 106, 1367-1379.	1.5	8
43	Initial Evidence of Variation by Ethnicity in the Relationship between Vitamin C Status and Mental States in Young Adults. <i>Nutrients</i> , 2021, 13, 792.	1.7	6
44	Erythrocyte Ascorbate Is a Potential Indicator of Steady-State Plasma Ascorbate Concentrations in Healthy Non-Fasting Individuals. <i>Nutrients</i> , 2020, 12, 418.	1.7	5
45	Limited Association Between Ascorbate Concentrations and Vitamin C Transporters in Renal Cell Carcinoma Cells and Clinical Samples. <i>Cellular Physiology and Biochemistry</i> , 2021, 55, 553-568.	1.1	4
46	Good nutrition matters: hypovitaminosis C associated with depressed mood and poor wound healing. <i>New Zealand Medical Journal</i> , 2012, 125, 107-9.	0.5	4
47	Consumption of vitamin C is below recommended daily intake in many cancer patients and healthy volunteers in Christchurch. <i>New Zealand Medical Journal</i> , 2014, 127, 73-6.	0.5	4
48	Increased Ascorbate Content of Glioblastoma Is Associated With a Suppressed Hypoxic Response and Improved Patient Survival. <i>Frontiers in Oncology</i> , 2022, 12, 829524.	1.3	4
49	Re-opening old wounds"vitamin C and wound healing deserve a re-examination. <i>American Journal of Clinical Nutrition</i> , 2021, , .	2.2	3
50	Gene and Protein Expression Is Altered by Ascorbate Availability in Murine Macrophages Cultured under Tumour-Like Conditions. <i>Antioxidants</i> , 2021, 10, 430.	2.2	1
51	Gulonolactone Addition to Human Hepatocellular Carcinoma Cells with Gene Transfer of Gulonolactone Oxidase Restores Ascorbate Biosynthesis and Reduces Hypoxia Inducible Factor 1. <i>Biomedicines</i> , 2014, 2, 98-109.	1.4	0
52	Re: "Micronutrient Status in Diabetic Patients with Foot Ulcers"by Pena et al.. <i>Advances in Wound Care</i> , 2021, 10, 49-50.	2.6	0