Anitra C Carr

List of Publications by Year in Descending Order

80 papers	4,683 citations	32 h-index	68 g-index
94 ext. papers	5,825 ext. citations	6 avg, IF	6.81 L-index

#	Paper	IF	Citations
80	Intravenous vitamin C administration to patients with septic shock: a pilot randomised controlled trial.. *Critical Care*, **2022**, 26, 26	10.8	8
79	Circulating protein carbonyls are specifically elevated in critically ill patients with pneumonia relative to other sources of sepsis. *Free Radical Biology and Medicine*, **2021**, 179, 208-208	7.8	1
78	Neutrophils Isolated from Septic Patients Exhibit Elevated Uptake of Vitamin C and Normal Intracellular Concentrations despite a Low Vitamin C Milieu. *Antioxidants*, **2021**, 10,	7.1	3
77	Vitamin C Intervention for Critical COVID-19: A Pragmatic Review of the Current Level of Evidence. *Life*, **2021**, 11,	3	6
76	Micronutrients and respiratory infections: the biological rationale and current state of clinical evaluation. *British Journal of Hospital Medicine (London, England: 2005)*, **2021**, 82, 1-8	0.8	1
75	Discrepancies in global vitamin C recommendations: a review of RDA criteria and underlying health perspectives. *Critical Reviews in Food Science and Nutrition*, **2021**, 61, 742-755	11.5	28
74	Is "Mega-Dose" IV Vitamin C Required for Septic and Critical Coronavirus Disease 2019 Patients?. *Critical Care Medicine*, **2021**, 49, e477-e478	1.4	3
73	Peroxiredoxin 2 oxidation reveals hydrogen peroxide generation within erythrocytes during high-dose vitamin C administration. *Redox Biology*, **2021**, 43, 101980	11.3	2
72	Patients with Community Acquired Pneumonia Exhibit Depleted Vitamin C Status and Elevated Oxidative Stress. *Nutrients*, **2020**, 12,	6.7	19
71	Harm of IV High-Dose Vitamin C Therapy in Adult Patients: A Scoping Review. *Critical Care Medicine*, **2020**, 48, e620-e628	1.4	19
70	Micronutrient status of COVID-19 patients: a critical consideration. *Critical Care*, **2020**, 24, 349	10.8	9
69	Patients Undergoing Myeloablative Chemotherapy and Hematopoietic Stem Cell Transplantation Exhibit Depleted Vitamin C Status in Association with Febrile Neutropenia. *Nutrients*, **2020**, 12,	6.7	8
68	Factors Affecting Vitamin C Status and Prevalence of Deficiency: A Global Health Perspective. *Nutrients*, **2020**, 12,	6.7	39
67	Global Vitamin C Status and Prevalence of Deficiency: A Cause for Concern?. *Nutrients*, **2020**, 12,	6.7	44
66	Erythrocyte Ascorbate Is a Potential Indicator of Steady-State Plasma Ascorbate Concentrations in Healthy Non-Fasting Individuals. *Nutrients*, **2020**, 12,	6.7	4
65	Vitamin C in Pneumonia and Sepsis **2020**, 115-135		5
64	Positive Association of Ascorbate and Inverse Association of Urate with Cognitive Function in People with Parkinson's Disease. *Antioxidants*, **2020**, 9,	7.1	4

63	Circulating myeloperoxidase is elevated in septic shock and is associated with systemic organ failure and mortality in critically ill patients. *Free Radical Biology and Medicine*, **2020**, 152, 462-468	7.8	9
62	Reply to "Overstated Claims of Efficacy and Safety. Comment On: Optimal Nutritional Status for a Well-Functioning Immune System Is an Important Factor to Protect against Viral Infections. 2020, , 1181". *Nutrients*, **2020**, 12,	6.7	6
61	Vitamin C-An Adjunctive Therapy for Respiratory Infection, Sepsis and COVID-19. *Nutrients*, **2020**, 12,	6.7	53
60	The effect of conservative oxygen therapy on systemic biomarkers of oxidative stress in critically ill patients. *Free Radical Biology and Medicine*, **2020**, 160, 13-18	7.8	6
59	Reply to "Comment on: Optimal Nutritional Status for a Well-Functioning Immune System Is an Important Factor to Protect against Viral Infections. 2020, , 1181". *Nutrients*, **2020**, 12,	6.7	25
58	Optimal Nutritional Status for a Well-Functioning Immune System Is an Important Factor to Protect against Viral Infections. *Nutrients*, **2020**, 12,	6.7	357
57	A new clinical trial to test high-dose vitamin C in patients with COVID-19. *Critical Care*, **2020**, 24, 133	10.8	126
56	Is the VITAMINS RCT indicating potential redundancy between corticosteroids and vitamin C?. *Critical Care*, **2020**, 24, 129	10.8	4
55	Vitamin C Administration by Intravenous Infusion Increases Tumor Ascorbate Content in Patients With Colon Cancer: A Clinical Intervention Study. *Frontiers in Oncology*, **2020**, 10, 600715	5.3	10
54	Vitamin C and Neutrophil Function: Findings from Randomized Controlled Trials. *Nutrients*, **2019**, 11,	6.7	16
53	The Role of Physiological Vitamin C Concentrations on Key Functions of Neutrophils Isolated from Healthy Individuals. *Nutrients*, **2019**, 11,	6.7	24
52	Vitamin C Symposium 2019Vitamin C for Cancer and Infection: From Bench to Bedside *Proceedings (mdpi)*, **2019**, 5, 3	0.3	0
51	Vitamin C administration in the critically ill: a summary of recent meta-analyses. *Critical Care*, **2019**, 23, 265	10.8	20
50	Duration of intravenous vitamin C therapy is a critical consideration. *Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine*, **2019**, 21, 220-221	2.8	3
49	Intravenous Vitamin C Administration Improved Blood Cell Counts and Health-Related Quality of Life of Patient with History of Relapsed Acute Myeloid Leukaemia. *Antioxidants*, **2018**, 7,	7.1	6
48	Appropriate Handling, Processing and Analysis of Blood Samples Is Essential to Avoid Oxidation of Vitamin C to Dehydroascorbic Acid. *Antioxidants*, **2018**, 7,	7.1	38
47	No Reported Renal Stones with Intravenous Vitamin C Administration: A Prospective Case Series Study. *Antioxidants*, **2018**, 7,	7.1	9
46	SunGold Kiwifruit Supplementation of Individuals with Prediabetes Alters Gut Microbiota and Improves Vitamin C Status, Anthropometric and Clinical Markers. *Nutrients*, **2018**, 10,	6.7	17

45	Can a simple chemical help to both prevent and treat sepsis. *Critical Care*, **2018**, 22, 247	10.8	1
44	High Vitamin C Status Is Associated with Elevated Mood in Male Tertiary Students. *Antioxidants*, **2018**, 7,	7.1	22
43	Intravenous Vitamin C for Cancer Therapy - Identifying the Current Gaps in Our Knowledge. *Frontiers in Physiology*, **2018**, 9, 1182	4.6	54
42	The Use of Intravenous Vitamin C as a Supportive Therapy for a Patient with Glioblastoma Multiforme. *Antioxidants*, **2018**, 7,	7.1	14
41	The role of vitamin C in the treatment of pain: new insights. *Journal of Translational Medicine*, **2017**, 15, 77	8.5	64
40	Let them eat fruit! The effect of fruit and vegetable consumption on psychological well-being in young adults: A randomized controlled trial. *PLoS ONE*, **2017**, 12, e0171206	3.7	73
39	Hypovitaminosis C and vitamin C deficiency in critically ill patients despite recommended enteral and parenteral intakes. *Critical Care*, **2017**, 21, 300	10.8	172
38	The development and effectiveness of an ecological momentary intervention to increase daily fruit and vegetable consumption in low-consuming young adults. *Appetite*, **2017**, 108, 32-41	4.5	32
37	Vitamin C Status Correlates with Markers of Metabolic and Cognitive Health in 50-Year-Olds: Findings of the CHALICE Cohort Study. *Nutrients*, **2017**, 9,	6.7	42
36	The Roles of Vitamin C in Skin Health. *Nutrients*, **2017**, 9,	6.7	188
35	Vitamin C and Immune Function. *Nutrients*, **2017**, 9,	6.7	606
34	Marginal Ascorbate Status (Hypovitaminosis C) Results in an Attenuated Response to Vitamin C Supplementation. *Nutrients*, **2016**, 8,	6.7	17
33	Enhanced human neutrophil vitamin C status, chemotaxis and oxidant generation following dietary supplementation with vitamin C-rich SunGold kiwifruit. *Nutrients*, **2015**, 7, 2574-88	6.7	52
32	Ascorbate-dependent vasopressor synthesis: a rationale for vitamin C administration in severe sepsis and septic shock?. *Critical Care*, **2015**, 19, 418	10.8	128
31	The effect of intravenous vitamin C on cancer- and chemotherapy-related fatigue and quality of life. *Frontiers in Oncology*, **2014**, 4, 283	5.3	55
30	Relief from cancer chemotherapy side effects with pharmacologic vitamin C. *New Zealand Medical Journal*, **2014**, 127, 66-70	0.8	14
29	Parenteral vitamin C for palliative care of terminal cancer patients. *New Zealand Medical Journal*, **2014**, 127, 84-6	0.8	7
28	Synthetic or food-derived vitamin C--are they equally bioavailable?. *Nutrients*, **2013**, 5, 4284-304	6.7	54

27	Human skeletal muscle ascorbate is highly responsive to changes in vitamin C intake and plasma concentrations. *American Journal of Clinical Nutrition*, **2013**, 97, 800-7	7	52
26	The bioavailability of vitamin C from kiwifruit. *Advances in Food and Nutrition Research*, **2013**, 68, 125-47	6	24
25	A randomised cross-over pharmacokinetic bioavailability study of synthetic versus kiwifruit-derived vitamin C. *Nutrients*, **2013**, 5, 4451-61	6.7	17
24	A randomized steady-state bioavailability study of synthetic versus natural (kiwifruit-derived) vitamin C. *Nutrients*, **2013**, 5, 3684-95	6.7	25
23	Mood improvement in young adult males following supplementation with gold kiwifruit, a high-vitamin C food. *Journal of Nutritional Science*, **2013**, 2, e24	2.7	22
22	Vitamin C supplementation and kidney stone risk. *New Zealand Medical Journal*, **2013**, 126, 133-4	0.8	3
21	Bioavailability of vitamin C from kiwifruit in non-smoking males: determination of 'healthy' and 'optimal' intakes. *Journal of Nutritional Science*, **2012**, 1, e14	2.7	35
20	Good nutrition matters: hypovitaminosis C associated with depressed mood and poor wound healing. *New Zealand Medical Journal*, **2012**, 125, 107-9	0.8	4
19	Myeloperoxidase-dependent caspase-3 activation and apoptosis in HL-60 cells: protection by the antioxidants ascorbate and (dihydro)lipoic acid. *Redox Report*, **2002**, 7, 47-53	5.9	23
18	Human neutrophils oxidize low-density lipoprotein by a hypochlorous acid-dependent mechanism: the role of vitamin C. *Biological Chemistry*, **2002**, 383, 627-36	4.5	25
17	Pyrrolidine dithiocarbamate is a potent antioxidant against hypochlorous acid-induced protein damage. *FEBS Letters*, **2002**, 532, 80-4	3.8	28
16	Relative reactivities of N-chloramines and hypochlorous acid with human plasma constituents. *Free Radical Biology and Medicine*, **2001**, 30, 526-36	7.8	64
15	Ldl modified by hypochlorous acid is a potent inhibitor of lecithin-cholesterol acyltransferase activity. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2001**, 21, 1040-5	9.4	30
14	The nitric oxide congener nitrite inhibits myeloperoxidase/H2O2/ Cl- -mediated modification of low density lipoprotein. *Journal of Biological Chemistry*, **2001**, 276, 1822-8	5.4	35
13	Red wine antioxidants bind to human lipoproteins and protect them from metal ion-dependent and -independent oxidation. *Journal of Agricultural and Food Chemistry*, **2001**, 49, 4442-9	5.7	59
12	Vitamin C suppresses oxidative lipid damage in vivo, even in the presence of iron overload. *American Journal of Physiology - Endocrinology and Metabolism*, **2000**, 279, E1406-12	6	79
11	Myeloperoxidase binds to low-density lipoprotein: potential implications for atherosclerosis. *FEBS Letters*, **2000**, 487, 176-80	3.8	79
10	Oxidation of LDL by myeloperoxidase and reactive nitrogen species: reaction pathways and antioxidant protection. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2000**, 20, 1716-23	9.4	306

9	Potential antiatherogenic mechanisms of ascorbate (vitamin C) and alpha-tocopherol (vitamin E). *Circulation Research*, **2000**, 87, 349-54	15.7	244
8	Toward a new recommended dietary allowance for vitamin C based on antioxidant and health effects in humans. *American Journal of Clinical Nutrition*, **1999**, 69, 1086-107	7	580
7	Differential reactivities of hypochlorous and hypobromous acids with purified Escherichia coli phospholipid: formation of haloamines and halohydrins. *Lipids and Lipid Metabolism*, **1998**, 1392, 254-64		37
6	Oxidation of neutrophil glutathione and protein thiols by myeloperoxidase-derived hypochlorous acid. *Biochemical Journal*, **1997**, 327 (Pt 1), 275-81	3.8	94
5	Nuclear magnetic resonance characterization of 6 alpha-chloro-5 beta-cholestane-3 beta,5-diol formed from the reaction of hypochlorous acid with cholesterol. *Lipids*, **1997**, 32, 363-7	1.6	13
4	Peroxidase-mediated bromination of unsaturated fatty acids to form bromohydrins. *Archives of Biochemistry and Biophysics*, **1996**, 327, 227-33	4.1	48
3	Chlorination of cholesterol in cell membranes by hypochlorous acid. *Archives of Biochemistry and Biophysics*, **1996**, 332, 63-9	4.1	106
2	Free radical inactivation of rabbit muscle creatinine kinase: catalysis by physiological and hydrolyzed ICRF-187 (ICRF-198) iron chelates. *Free Radical Research*, **1994**, 21, 387-97	4	24
1	Assays using horseradish peroxidase and phenolic substrates require superoxide dismutase for accurate determination of hydrogen peroxide production by neutrophils. *Free Radical Biology and Medicine*, **1994**, 17, 161-4	7.8	29