

# Ralph Green

## List of Publications by Year in descending order

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97  
papers

4,361  
citations

117571

34  
h-index

110317

64  
g-index

100  
all docs

100  
docs citations

100  
times ranked

5289  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vitamin B12 deficiency. <i>Vitamins and Hormones</i> , 2022, 119, 405-439.	0.7	27
2	Associations between Genetic Variants and Blood Biomarkers of One-Carbon Metabolism in Postmenopausal Women from the Women's Health Initiative Observational Study. <i>Journal of Nutrition</i> , 2022, 152, 1099-1106.	1.3	2
3	WDFY3 mutation alters laminar position and morphology of cortical neurons. <i>Molecular Autism</i> , 2022, 13, .	2.6	4
4	Expression Changes in Epigenetic Gene Pathways Associated With One-Carbon Nutritional Metabolites in Maternal Blood From Pregnancies Resulting in Autism and Non-Typical Neurodevelopment. <i>Autism Research</i> , 2021, 14, 11-28.	2.1	8
5	Deficient or Excess Folic Acid Supply During Pregnancy Alter Cortical Neurodevelopment in Mouse Offspring. <i>Cerebral Cortex</i> , 2021, 31, 635-649.	1.6	44
6	Megaloblastic Anemia. , 2021, , 47-51.		0
7	A method for campus-wide SARS-CoV-2 surveillance at a large public university. <i>PLoS ONE</i> , 2021, 16, e0261230.	1.1	8
8	Wolffia globosa "Mankai Plant-Based Protein Contains Bioactive Vitamin B12 and Is Well Absorbed in Humans. <i>Nutrients</i> , 2020, 12, 3067.	1.7	21
9	Assessing vitamin B-12 absorption and bioavailability: read the label. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1420-1421.	2.2	3
10	Knowledge gaps in understanding the metabolic and clinical effects of excess folates/folic acid: a summary, and perspectives, from an NIH workshop. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1390-1403.	2.2	95
11	Relationship between serum B12 concentrations and mortality: experience in NHANES. <i>BMC Medicine</i> , 2020, 18, 307.	2.3	44
12	Serum folate and cytokines in heterozygous $\beta^2$ -thalassemia. <i>International Journal of Laboratory Hematology</i> , 2020, 42, 718-726.	0.7	3
13	High folic acid or folate combined with low vitamin B-12 status: potential but inconsistent association with cognitive function in a nationally representative cross-sectional sample of US older adults participating in the NHANES. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1547-1557.	2.2	50
14	Valproate and folate: Congenital and developmental risks. <i>Epilepsy and Behavior</i> , 2020, 108, 107068.	0.9	27
15	Relationship of Cerebrospinal Fluid Vitamin B12 Status Markers With Parkinson's Disease Progression. <i>Movement Disorders</i> , 2020, 35, 1466-1471.	2.2	21
16	Blueprint for a pop-up SARS-CoV-2 testing lab. <i>Nature Biotechnology</i> , 2020, 38, 791-797.	9.4	50
17	Folate Deficiency Inhibits Development of the Mammary Gland and its Associated Lymphatics in FVB Mice. <i>Journal of Nutrition</i> , 2020, 150, 2120-2130.	1.3	6
18	Homocysteine is associated with severity of microvasculopathy in sickle cell disease patients. <i>British Journal of Haematology</i> , 2020, 190, 450-457.	1.2	7

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19	Vitamin B12 added as a fortificant to flour retains high bioavailability when baked in bread. <i>Nuclear Instruments &amp; Methods in Physics Research B</i> , 2019, 438, 136-140.	0.6	16
20	Life After Being a Pathology Department Chair III: Reflections on the "Afterlife". <i>Academic Pathology</i> , 2019, 6, 2374289519846068.	0.7	7
21	<sup>14</sup> C-Cobalamin Absorption from Endogenously Labeled Chicken Eggs Assessed in Humans Using Accelerator Mass Spectrometry. <i>Nutrients</i> , 2019, 11, 2148.	1.7	7
22	Artificial Intelligence and Machine Learning in Pathology: The Present Landscape of Supervised Methods. <i>Academic Pathology</i> , 2019, 6, 2374289519873088.	0.7	206
23	Global Burden Related to Nitrous Oxide Exposure in Medical and Recreational Settings: A Systematic Review and Individual Patient Data Meta-Analysis. <i>Journal of Clinical Medicine</i> , 2019, 8, 551.	1.0	79
24	Daily supplementation with 5 mg of folic acid in Brazilian patients with hereditary spherocytosis. <i>Journal of Investigative Medicine</i> , 2019, 67, 1110-1117.	0.7	6
25	Linking vitamin B12 and a trembling disorder. <i>Cell Research</i> , 2019, 29, 343-344.	5.7	3
26	Educational and Career Development Outcomes Among Undergraduate Summer Research Interns: A Pipeline for Pathology, Laboratory Medicine, and Biomedical Science. <i>Academic Pathology</i> , 2019, 6, 2374289519893105.	0.7	10
27	Vitamin B12 and Homocysteine Levels Predict Different Outcomes in Early Parkinson's Disease. <i>Movement Disorders</i> , 2018, 33, 762-770.	2.2	64
28	Enumeration of bone marrow plasmacytoid dendritic cells by multiparameter flow cytometry as a prognostic marker following allogeneic hematopoietic stem cell transplantation. <i>Blood Cells, Molecules, and Diseases</i> , 2018, 69, 107-112.	0.6	4
29	CBMT-21. ALTERATIONS OF CYSTEINE METABOLISM IN GENETIC VARIANTS OF HIGH GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2018, 20, vi37-vi37.	0.6	0
30	Vitamin B12 deficiency from the perspective of a practicing hematologist. <i>Blood</i> , 2017, 129, 2603-2611.	0.6	212
31	Megaloblastic Anemias. <i>Medical Clinics of North America</i> , 2017, 101, 297-317.	1.1	110
32	Sickle cell disease and the unmet challenges of neurologic complications. <i>Neurology</i> , 2017, 89, 1439-1440.	1.5	2
33	A Daily Dose of 5 mg Folic Acid for 90 Days Is Associated with Increased Serum Unmetabolized Folic Acid and Reduced Natural Killer Cell Cytotoxicity in Healthy Brazilian Adults. <i>Journal of Nutrition</i> , 2017, 147, 1677-1685.	1.3	48
34	The Human Serum Metabolome of Vitamin B-12 Deficiency and Repletion, and Associations with Neurological Function in Elderly Adults. <i>Journal of Nutrition</i> , 2017, 147, 1839-1849.	1.3	18
35	Vitamin B12 deficiency. <i>Nature Reviews Disease Primers</i> , 2017, 3, 17040.	18.1	543
36	Prevalence of Inherited Hemoglobin Disorders and Relationships with Anemia and Micronutrient Status among Children in Yaoundé and Douala, Cameroon. <i>Nutrients</i> , 2017, 9, 693.	1.7	7

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37	Reply to LR Solomon. American Journal of Clinical Nutrition, 2016, 103, 1379.	2.2	1
38	Lectin-like oxidized low-density lipoprotein receptor (LOX-1) in sickle cell disease vasculopathy. Blood Cells, Molecules, and Diseases, 2016, 60, 44-48.	0.6	7
39	25-Hydroxyvitamin D in Patients With Cognitive Decline—Reply. JAMA Neurology, 2016, 73, 358.	4.5	1
40	Peripheral neuropathy risk and a transcobalamin polymorphism: connecting the dots between excessive folate intake and disease susceptibility. American Journal of Clinical Nutrition, 2016, 104, 1495-1496.	2.2	3
41	Vitamin B-12 treatment of asymptomatic, deficient, elderly Chileans improves conductivity in myelinated peripheral nerves, but high serum folate impairs vitamin B-12 status response assessed by the combined indicator of vitamin B-12 status. American Journal of Clinical Nutrition, 2016, 103, 250-257.	2.2	49
42	Relationship between Insulin-Resistance Processing Speed and Specific Executive Function Profiles in Neurologically Intact Older Adults. Journal of the International Neuropsychological Society, 2015, 21, 622-628.	1.2	9
43	Maternal obesity disrupts the methionine cycle in baboon pregnancy. Physiological Reports, 2015, 3, e12564.	0.7	26
44	Folate-mediated one-carbon metabolism genes and interactions with nutritional factors on colorectal cancer risk: Women's Health Initiative Observational Study. Cancer, 2015, 121, 3684-3691.	2.0	38
45	Red blood cell folate and plasma folate are not associated with risk of incident colorectal cancer in the Women's Health Initiative observational study. International Journal of Cancer, 2015, 137, 930-939.	2.3	20
46	Combined indicator of vitamin B12 status: modification for missing biomarkers and folate status and recommendations for revised cut-points. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1215-25.	1.4	127
47	Development, History, and Future of Automated Cell Counters. Clinics in Laboratory Medicine, 2015, 35, 1-10.	0.7	70
48	Evaluation of Macrocytic Anemias. Seminars in Hematology, 2015, 52, 279-286.	1.8	38
49	Vitamin D Status and Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. JAMA Neurology, 2015, 72, 1295.	4.5	162
50	Vitamin D Status Predicts Rates of Cognitive Decline in a Multiethnic Cohort of Older Adults. FASEB Journal, 2015, 29, 253.2.	0.2	0
51	High Dose (5mg) Daily Folic Acid Supplement in Healthy Brazilian Volunteers Increases Mononuclear TNF- $\alpha$ Expression and Reduces NK Cell Number and Activity. Blood, 2015, 126, 4531-4531.	0.6	0
52	Plasma Choline Metabolites and Colorectal Cancer Risk in the Women's Health Initiative Observational Study. Cancer Research, 2014, 74, 7442-7452.	0.4	198
53	Detection of Epstein-Barr virus (EBV) in human lymphoma tissue by a novel microbial detection array. Biomarker Research, 2014, 2, 24.	2.8	7
54	Interleukin-6, Age, and Corpus Callosum Integrity. PLoS ONE, 2014, 9, e106521.	1.1	48

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55	Elevated Serum Folic Acid Concentrations Were Associated with Higher mRNA Expression of DHFR Gene in Patients with Hereditary Spherocytosis. <i>Blood</i> , 2014, 124, 4005-4005.	0.6	0
56	Hematological Disorders following Gastric Bypass Surgery: Emerging Concepts of the Interplay between Nutritional Deficiency and Inflammation. <i>BioMed Research International</i> , 2013, 2013, 1-8.	0.9	32
57	Cobalamin supplements for infants: a shot in the cradle?. <i>American Journal of Clinical Nutrition</i> , 2013, 98, 1149-1150.	2.2	2
58	Comprehensive Analysis Of Microbial Signatures For Lymphomagenesis Using a Novel Microbial Detection Array. <i>Blood</i> , 2013, 122, 4282-4282.	0.6	0
59	Exchange Transfusion Therapy and Its Effects on Real-time Microcirculation in Pediatric Sickle Cell Anemia Patients. <i>Journal of Pediatric Hematology/Oncology</i> , 2012, 34, 169-174.	0.3	13
60	Anemias beyond B12 and iron deficiency: the buzz about other B's, elementary, and nonelementary problems. <i>Hematology American Society of Hematology Education Program</i> , 2012, 2012, 492-498.	0.9	21
61	Exchange transfusion therapy and its effects on real-time microcirculation in pediatric sickle cell anemia patients. <i>FASEB Journal</i> , 2012, 26, 832.8.	0.2	0
62	Expression of tumor suppressor genes in diet-induced liver injury: a model of the control of gene expression by gene-specific CpG island methylation. <i>FASEB Journal</i> , 2012, 26, 116.2.	0.2	0
63	Increased Circulating Soluble Lectin-Like Oxidized Low-Density Lipoprotein Receptor (sLOX-1) and Increased Endothelial Cell Expression of LOX-1 in Sickle Cell Disease (SCD): A Novel Marker for SCD Vasculopathy?. <i>Blood</i> , 2012, 120, 246-246.	0.6	0
64	Monocyte Chemotactic Protein-1 Is Associated with Microvascular Abnormalities and Serum Ferritin Concentrations in Sickle Cell Disease Patients. <i>Blood</i> , 2012, 120, 3255-3255.	0.6	0
65	Biomarkers of vitamin B-12 status in NHANES: a roundtable summary. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 313S-321S.	2.2	157
66	Monitoring of vitamin B-12 nutritional status in the United States by using plasma methylmalonic acid and serum vitamin B-12. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 552-561.	2.2	126
67	Homocysteine, cysteine and risk of incident colorectal cancer in the Women's Health Initiative Observational Cohort. <i>FASEB Journal</i> , 2011, 25, 214.8.	0.2	0
68	Vitamin B12 is inversely correlated with latency of multifocal visual evoked potential in healthy older adults. <i>FASEB Journal</i> , 2011, 25, 97.2.	0.2	0
69	Comparison of real-time microvascular abnormalities in pediatric and adult sickle cell anemia patients. <i>American Journal of Hematology</i> , 2010, 85, 899-901.	2.0	32
70	In vivo enrichment of chicken eggs with <sup>14</sup> C-B12 for determining vitamin B12 bioavailability in humans. <i>FASEB Journal</i> , 2010, 24, 915.12.	0.2	0
71	Is it time for vitamin B-12 fortification? What are the questions?. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 712S-716S.	2.2	52
72	Metabolic evidence of vitamin B-12 deficiency, including high homocysteine and methylmalonic acid and low holotranscobalamin, is more pronounced in older adults with elevated plasma folate. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 1586-1592.	2.2	99

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73	Oral Administration of Carbon-14 Labeled Cyanocobalamin (14C-Cbl) Reveals Variable Degradation of Vitamin B12 in the Gastrointestinal Tract That Impacts Vitamin B12 Absorption and Status.. Blood, 2009, 114, 3018-3018.	0.6	5
74	Inhibition of DNMT1 with 5-aza-2'-deoxycytidine induces expression of tumor antigens (GAGE, MAGE, PAGE, Tj ETQo 0 0 rgBT	0.2	0
75	Elevated plasma folate in older adults is associated with more pronounced evidence of vitamin B12 deficiency, including high homocysteine and methylmalonic acid and low holotranscobalamin. FASEB Journal, 2009, 23, 335.5.	0.2	0
76	Evidence that physiological doses of vitamin B12 are metabolized or degraded in the gastrointestinal tract: implications for vitamin B12 bioavailability and fortification. FASEB Journal, 2009, 23, 335.6.	0.2	0
77	Diverse effects of DNMT1 inhibition and MBD2 knockdown on gene expression in Hep3B and HepG2 cells. FASEB Journal, 2009, 23, 925.5.	0.2	0
78	Indicators for Assessing Folate and Vitamin B <sub>12</sub> Status and for Monitoring the Efficacy of Intervention Strategies. Food and Nutrition Bulletin, 2008, 29, S52-S63.	0.5	57
79	The gastric intrinsic factor polymorphism, A68G, modifies the association between the transcobalamin polymorphism, C776G, and vitamin B12 status. FASEB Journal, 2008, 22, 296.6.	0.2	1
80	Model to estimate in vivo enrichment of beef muscle and liver with 14 C vitamin B12 ( 14 C B12). FASEB Journal, 2008, 22, 865.5.	0.2	0
81	Protean H pylori: perhaps "pernicious" too?. Blood, 2006, 107, 1247-1247.	0.6	5
82	Human vitamin B12 absorption measurement by accelerator mass spectrometry using specifically labeled 14C-cobalamin. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5694-5699.	3.3	56
83	Measurement of Total Vitamin B12 and Holotranscobalamin, Singly and in Combination, in Screening for Metabolic Vitamin B12 Deficiency. Clinical Chemistry, 2006, 52, 278-285.	1.5	125
84	The ratio of holotranscobalamin to total B12: associations with transcobalamin genotype, methylmalonic acid, and homocysteine. FASEB Journal, 2006, 20, A859.	0.2	0
85	Measurement of vitamin B12 absorption in a human subject using 14C B12. FASEB Journal, 2006, 20, A858.	0.2	0
86	Low folate status is associated with impaired cognitive function and dementia in the Sacramento Area Latino Study on Aging. American Journal of Clinical Nutrition, 2005, 82, 1346-1352.	2.2	162
87	Vitamin B12 deficiency is the dominant nutritional cause of hyperhomocysteinemia in a folic acid-fortified population. Clinical Chemistry and Laboratory Medicine, 2005, 43, 1048-51.	1.4	72
88	Quantitation of in vivo human folate metabolism. American Journal of Clinical Nutrition, 2004, 80, 680-691.	2.2	83
89	Update on Cobalamin, Folate, and Homocysteine. Hematology American Society of Hematology Education Program, 2003, 2003, 62-81.	0.9	294
90	Transcobalamin II 775G>C polymorphism and indices of vitamin B12 status in healthy older adults. Blood, 2002, 100, 718-720.	0.6	112

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91	Macrocytic and Marrow Failure Anemias. <i>Laboratory Medicine</i> , 1999, 30, 595-599.	0.8	6
92	Screening for vitamin B <sub>12</sub> Deficiency: Caveat Emptor. <i>Annals of Internal Medicine</i> , 1996, 124, 509.	2.0	51
93	Neutrophil Nuclear Segmentation in Mild Cobalamin Deficiency: Relation to Metabolic Tests of Cobalamin Status and Observations on Ethnic Differences in Neutrophil Segmentation. <i>American Journal of Clinical Pathology</i> , 1996, 106, 57-63.	0.4	29
94	6 Metabolite assays in cobalamin and folate deficiency. <i>Best Practice and Research: Clinical Haematology</i> , 1995, 8, 533-566.	1.1	78
95	Serum Transferrin Receptor Level Is Not Altered in Invasive Adenocarcinoma of the Breast. <i>American Journal of Clinical Pathology</i> , 1993, 99, 232-237.	0.4	20
96	Masking of Macrocytosis by $\hat{\pm}$ -Thalassemia in Blacks with Pernicious Anemia. <i>New England Journal of Medicine</i> , 1982, 307, 1322-1325.	13.9	53
97	Enterohepatic circulation of cobalamin in the nonhuman primate. <i>Gastroenterology</i> , 1981, 81, 773-776.	0.6	23