

# Adrian R Martineau

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

10,639  
citations

43973

48  
h-index

33814

99  
g-index

135  
all docs

135  
docs citations

135  
times ranked

12818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Risk factors for developing COVID-19: a population-based longitudinal study (COVIDENCE UK). <i>Thorax</i> , 2022, 77, 900-912.	2.7	47
2	Vitamin D replacement in children with acute wheeze: a dose-escalation study. <i>ERJ Open Research</i> , 2022, 8, 00609-2021.	1.1	0
3	Determinants of pre-vaccination antibody responses to SARS-CoV-2: a population-based longitudinal study (COVIDENCE UK). <i>BMC Medicine</i> , 2022, 20, 87.	2.3	31
4	Prevalence and Determinants of Vitamin D Deficiency in 1825 Cape Town Primary Schoolchildren: A Cross-Sectional Study. <i>Nutrients</i> , 2022, 14, 1263.	1.7	8
5	Micronutrients to Support Vaccine Immunogenicity and Efficacy. <i>Vaccines</i> , 2022, 10, 568.	2.1	10
6	Potential Interplay between Nrf2, TRPA1, and TRPV1 in Nutrients for the Control of COVID-19. <i>International Archives of Allergy and Immunology</i> , 2021, 182, 324-338.	0.9	33
7	Effect of Monthly Vitamin D Supplementation on Preventing Exacerbations of Asthma or Chronic Obstructive Pulmonary Disease in Older Adults: Post Hoc Analysis of a Randomized Controlled Trial. <i>Nutrients</i> , 2021, 13, 521.	1.7	19
8	The relationship between seasonality, latitude and tuberculosis notifications in Pakistan. <i>BMC Infectious Diseases</i> , 2021, 21, 210.	1.3	5
9	Epidemiology of Bovine Tuberculosis and Its Zoonotic Implication in Addis Ababa Milkshed, Central Ethiopia. <i>Frontiers in Veterinary Science</i> , 2021, 8, 595511.	0.9	4
10	The effect of vitamin D supplementation on acute respiratory tract infection in older Australian adults: an analysis of data from the D-Health Trial. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 69-81.	5.5	41
11	The United Kingdom's global health funding cuts will exacerbate inequities. <i>Nature Microbiology</i> , 2021, 6, 535-535.	5.9	3
12	Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 276-292.	5.5	292
13	Vitamin D and coronavirus disease 2019 (COVID-19): rapid evidence review. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2031-2041.	1.4	26
14	Detection of Mycobacterium tuberculosis complex DNA in CD34-positive peripheral blood mononuclear cells of asymptomatic tuberculosis contacts: an observational study. <i>Lancet Microbe</i> , 2021, 2, e267-e275.	3.4	38
15	Eosinophils are part of the granulocyte response in tuberculosis and promote host resistance in mice. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	38
16	Vitamin D3 replacement enhances antigen-specific immunity in older adults. <i>Immunotherapy Advances</i> , 2021, 1, .	1.2	18
17	Prevalence and Determinants of Vitamin D Deficiency in 9595 Mongolian Schoolchildren: A Cross-Sectional Study. <i>Nutrients</i> , 2021, 13, 4175.	1.7	6
18	Blood Transcriptomic Stratification of Short-term Risk in Contacts of Tuberculosis. <i>Clinical Infectious Diseases</i> , 2020, 70, 731-737.	2.9	66

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19	Seasonal variation in fetal lateral cerebral ventricular diameter. <i>Prenatal Diagnosis</i> , 2020, 40, 390-392.	1.1	0
20	Vitamin D to prevent COVID-19: recommendations for the design of clinical trials. <i>FEBS Journal</i> , 2020, 287, 3689-3692.	2.2	24
21	Vitamin D Supplements for Prevention of Tuberculosis Infection and Disease. <i>New England Journal of Medicine</i> , 2020, 383, 359-368.	13.9	103
22	Vitamin D for COVID-19: a case to answer?. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 735-736.	5.5	151
23	Original publication: Low serum 25-hydroxyvitamin D (25[OH]D) levels in patients hospitalized with COVID-19 are associated with greater disease severity. <i>Clinical Endocrinology</i> , 2020, 93, 629-630.	1.2	10
24	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. <i>Clinical and Translational Allergy</i> , 2020, 10, 58.	1.4	56
25	Cellular and Cytokine Responses in the Granulomas of Asymptomatic Cattle Naturally Infected with <i>Mycobacterium bovis</i> in Ethiopia. <i>Infection and Immunity</i> , 2020, 88, .	1.0	6
26	Sharpening the global focus on ethnicity and race in the time of COVID-19. <i>Lancet</i> , 2020, 395, 1673-1676.	6.3	214
27	Evidence informing the UK's COVID-19 public health response must be transparent. <i>Lancet</i> , 2020, 395, 1036-1037.	6.3	50
28	Vitamin D Metabolism Is Dysregulated in Asthma and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 371-382.	2.5	56
29	Low serum 25-hydroxyvitamin D (25[OH]D) levels in patients hospitalized with COVID-19 are associated with greater disease severity. <i>Clinical Endocrinology</i> , 2020, 93, 508-511.	1.2	166
30	Universal weekly testing as the UK COVID-19 lockdown exit strategy. <i>Lancet</i> , 2020, 395, 1420-1421.	6.3	127
31	Genotype-independent association between vitamin D deficiency and polycystic ovarian syndrome in Lahore, Pakistan. <i>Scientific Reports</i> , 2020, 10, 2290.	1.6	8
32	Detection of <i>Mycobacterium tuberculosis</i> DNA in CD34+ peripheral blood mononuclear cells of Ugandan adults with latent infection: a cross-sectional and nested prospective study. <i>AAS Open Research</i> , 2020, 3, 34.	1.5	3
33	High-dose oral vitamin D supplementation and mortality in people aged 65-84 years: the VIDAL cluster feasibility RCT of open versus double-blind individual randomisation. <i>Health Technology Assessment</i> , 2020, 24, 1-54.	1.3	16
34	Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. <i>ELife</i> , 2020, 9, .	2.8	21
35	Vitamin D for the management of asthma. <i>The Cochrane Library</i> , 2019, 2019, CD011511.	1.5	115
36	Vitamin D for secondary prevention of acute wheeze attacks in preschool and school-age children. <i>Thorax</i> , 2019, 74, 977-985.	2.7	12

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37	Vitamin D for the management of chronic obstructive pulmonary disease. The Cochrane Library, 2019, , .	1.5	0
38	Vitamin D to prevent exacerbations of COPD: systematic review and meta-analysis of individual participant data from randomised controlled trials. Thorax, 2019, 74, 337-345.	2.7	136
39	Differential Effects of Oral Boluses of Vitamin D2 vs Vitamin D3 on Vitamin D Metabolism: A Randomized Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 5831-5839.	1.8	26
40	Vitamin D supplementation and musculoskeletal health. Lancet Diabetes and Endocrinology, 2019, 7, 86-87.	5.5	4
41	Risk factors for active tuberculosis in 938 QuantiFERON-positive schoolchildren in Mongolia: a community-based cross-sectional study. BMC Infectious Diseases, 2019, 19, 532.	1.3	10
42	Vitamin A Metabolism by Dendritic Cells Triggers an Antimicrobial Response against Mycobacterium tuberculosis. MSphere, 2019, 4, .	1.3	14
43	Adjunctive vitamin D in tuberculosis treatment: meta-analysis of individual participant data. European Respiratory Journal, 2019, 53, 1802003.	3.1	55
44	Prevalence and Determinants of QuantiFERON-Diagnosed Tuberculosis Infection in 9810 Mongolian Schoolchildren. Clinical Infectious Diseases, 2019, 69, 813-819.	2.9	30
45	Anatomic and Cellular Niches for <i>Mycobacterium tuberculosis</i> in Latent Tuberculosis Infection. Journal of Infectious Diseases, 2019, 219, 685-694.	1.9	37
46	Vitamin D attenuates rhinovirus-induced expression of intercellular adhesion molecule-1 (ICAM-1) and platelet-activating factor receptor (PAFR) in respiratory epithelial cells. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 152-159.	1.2	56
47	Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. Health Technology Assessment, 2019, 23, 1-44.	1.3	230
48	High-dose vitamin D3 in the treatment of severe acute malnutrition: a multicenter double-blind randomized controlled trial. American Journal of Clinical Nutrition, 2018, 107, 725-733.	2.2	20
49	Prevalence, determinants and clinical correlates of vitamin D deficiency in adults with inhaled corticosteroid-treated asthma in London, UK. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 88-96.	1.2	14
50	Prevalence, determinants and clinical correlates of vitamin D deficiency in patients with Chronic Obstructive Pulmonary Disease in London, UK. Journal of Steroid Biochemistry and Molecular Biology, 2018, 175, 138-145.	1.2	31
51	Vitamin D to Prevent Lung Injury Following Esophagectomy—A Randomized, Placebo-Controlled Trial*. Critical Care Medicine, 2018, 46, e1128-e1135.	0.4	45
52	Global prevalence and disease burden of vitamin D deficiency: a roadmap for action in low- and middle-income countries. Annals of the New York Academy of Sciences, 2018, 1430, 44-79.	1.8	330
53	Rationale and Plan for Vitamin D Food Fortification: A Review and Guidance Paper. Frontiers in Endocrinology, 2018, 9, 373.	1.5	249
54	Differential Effect of Viable Versus Necrotic Neutrophils on Mycobacterium tuberculosis Growth and Cytokine Induction in Whole Blood. Frontiers in Immunology, 2018, 9, 903.	2.2	40

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55	Vitamin D receptor genotype influences risk of upper respiratory infection. <i>British Journal of Nutrition</i> , 2018, 120, 891-900.	1.2	41
56	Vitamin D supplementation to prevent asthma exacerbations – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2018, 6, e26-e27.	5.2	3
57	Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. <i>BMJ: British Medical Journal</i> , 2017, 356, i6583.	2.4	1,408
58	Vitamin D supplementation to prevent asthma exacerbations: a systematic review and meta-analysis of individual participant data. <i>Lancet Respiratory Medicine</i> , 2017, 5, 881-890.	5.2	236
59	High-Dose Vitamin D <sub>3</sub> during Tuberculosis Treatment in Mongolia. A Randomized Controlled Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 628-637.	2.5	65
60	Blood transcriptomic diagnosis of pulmonary and extrapulmonary tuberculosis. <i>JCI Insight</i> , 2016, 1, e87238.	2.3	83
61	Vitamin D deficiency associates with susceptibility to tuberculosis in Pakistan, but polymorphisms in VDR, DBP and CYP2R1 do not. <i>BMC Pulmonary Medicine</i> , 2016, 16, 73.	0.8	25
62	Environmental and genetic determinants of vitamin D status among older adults in London, UK. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 30-35.	1.2	31
63	Single nucleotide polymorphisms in the vitamin D pathway associating with circulating concentrations of vitamin D metabolites and non-skeletal health outcomes: Review of genetic association studies. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 18-29.	1.2	96
64	High prevalence of vitamin D deficiency among women of child-bearing age in Lahore Pakistan, associating with lack of sun exposure and illiteracy. <i>BMC Women's Health</i> , 2015, 15, 83.	0.8	26
65	Modulation of the Immune Response to Respiratory Viruses by Vitamin D. <i>Nutrients</i> , 2015, 7, 4240-4270.	1.7	339
66	Effects of Pre-Natal Vitamin D Supplementation with Partial Correction of Vitamin D Deficiency on Early Life Healthcare Utilisation: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0145303.	1.1	6
67	Phenylbutyrate Is Bacteriostatic against <i>Mycobacterium tuberculosis</i> and Regulates the Macrophage Response to Infection, Synergistically with 25-Hydroxy-Vitamin D <sub>3</sub> . <i>PLoS Pathogens</i> , 2015, 11, e1005007.	2.1	69
68	Double-blind randomised controlled trial of vitamin D <sub>3</sub> supplementation for the prevention of acute respiratory infection in older adults and their carers (ViDiFlu). <i>Thorax</i> , 2015, 70, 953-960.	2.7	64
69	Effects of vitamin D supplementation on intestinal permeability, cathelicidin and disease markers in Crohn's disease: Results from a randomised double-blind placebo-controlled study. <i>United European Gastroenterology Journal</i> , 2015, 3, 294-302.	1.6	135
70	Vitamin D and tuberculosis: more effective in prevention than treatment?. <i>International Journal of Tuberculosis and Lung Disease</i> , 2015, 19, 876-877.	0.6	15
71	“Test me and treat me” attitudes to vitamin D deficiency and supplementation: a qualitative study. <i>BMJ Open</i> , 2015, 5, e007401.	0.8	37
72	Double-blind randomised placebo-controlled trial of bolus-dose vitamin D <sub>3</sub> supplementation in adults with asthma (ViDiAs). <i>Thorax</i> , 2015, 70, 451-457.	2.7	99

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73	Vitamin D supplementation in patients with COPD: Twitter discussions on behalf of the University of Toronto Respirology and Sleep Journal Club "Authors' Reply. <i>Lancet Respiratory Medicine</i> , 2015, 3, e24-e25.	5.2	1
74	Promotion of rapid testing for HIV in primary care (RHIVA2): a cluster-randomised controlled trial. <i>Lancet HIV</i> , 2015, 2, e229-e235.	2.1	37
75	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). <i>Thorax</i> , 2015, 70, 617-624.	2.7	258
76	Distinct endotypes of steroid-resistant asthma characterized by IL-17A <sup>high</sup> and IFN- $\gamma$ <sup>high</sup> immunophenotypes: Potential benefits of calcitriol. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 628-637.e4.	1.5	170
77	Vitamin D deficiency and TB disease phenotype. <i>Thorax</i> , 2015, 70, 1171-1180.	2.7	31
78	Genotype-independent association between profound vitamin D deficiency and delayed sputum smear conversion in pulmonary tuberculosis. <i>BMC Infectious Diseases</i> , 2015, 15, 275.	1.3	13
79	"Curiouser and curiouser": the role of vitamin D in the prevention of acute respiratory infection. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2015, 104, 331-333.	0.7	4
80	Effect of Antiretroviral Therapy on HIV-mediated Impairment of the Neutrophil Antimycobacterial Response. <i>Annals of the American Thoracic Society</i> , 2015, 12, 1627-37.	1.5	22
81	Vitamin D 3 supplementation in patients with chronic obstructive pulmonary disease (ViDiCO): a multicentre, double-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2015, 3, 120-130.	5.2	186
82	"Vitamin D and Human Health: from the Gamete to the Grave" Report on a meeting held at Queen Mary University of London, 23rd-25th April 2014. <i>Nutrients</i> , 2014, 6, 2759-2919.	1.7	5
83	Maternal vitamin D insufficiency is associated with adverse pregnancy and neonatal outcomes. <i>Evidence-Based Medicine</i> , 2014, 19, e4-e4.	0.6	3
84	Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV. <i>Scientifica</i> , 2014, 2014, 1-13.	0.6	50
85	Design and analysis of clinical trials of nutrients: Commentary. <i>Nutrition Reviews</i> , 2014, 72, 353-353.	2.6	2
86	The effects of calcitriol treatment in glucocorticoid-resistant asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1755-1757.e4.	1.5	29
87	A novel assay of antimycobacterial activity and phagocytosis by human neutrophils. <i>Tuberculosis</i> , 2013, 93, 167-178.	0.8	16
88	The effects of vitamin D2 or D3 supplementation on glycaemic control and related metabolic parameters in people at risk of type 2 diabetes: protocol of a randomised double-blind placebo-controlled trial. <i>BMC Public Health</i> , 2013, 13, 999.	1.2	6
89	Vitamin D in the prevention of acute respiratory infection: Systematic review of clinical studies. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 136, 321-329.	1.2	189
90	Enhanced production of IL-17A in patients with severe asthma is inhibited by 1 $\alpha$ ,25-dihydroxyvitamin D3 in a glucocorticoid-independent fashion. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 297-304.e3.	1.5	159

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91	Longitudinal study of vitamin D metabolites after long bone fracture. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1301-1307.	3.1	21
92	Ethnic Variation in Inflammatory Profile in Tuberculosis. <i>PLoS Pathogens</i> , 2013, 9, e1003468.	2.1	70
93	Neutrophilia independently predicts death in tuberculosis: Table 1â€“. <i>European Respiratory Journal</i> , 2013, 42, 1752-1757.	3.1	84
94	Genetic Variants Modifying the Influence of Vitamin D. <i>JAMA - Journal of the American Medical Association</i> , 2013, 309, 872.	3.8	0
95	Prenatal Vitamin D Supplementation and Child Respiratory Health: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e66627.	1.1	148
96	Old wine in new bottles: vitamin D in the treatment and prevention of tuberculosis. <i>Proceedings of the Nutrition Society</i> , 2012, 71, 84-89.	0.4	71
97	Vitamin D and Chronic Obstructive Pulmonary Disease: Justified Optimism or False Hope?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 239-241.	2.5	4
98	Corticosteroid Therapy, Vitamin D Status, and Inflammatory Cytokine Profile in the HIV-Tuberculosis Immune Reconstitution Inflammatory Syndrome. <i>Clinical Infectious Diseases</i> , 2012, 55, 1004-1011.	2.9	70
99	Bolus-dose vitamin D and prevention of childhood pneumonia. <i>Lancet, The</i> , 2012, 379, 1373-1375.	6.3	35
100	Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 15449-15454.	3.3	267
101	Serum 25-dihydroxyvitamin D levels correlate with CD4+Foxp3+ T-cell numbers in moderate/severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 542-544.	1.5	49
102	Inadequate vitamin D status in pregnancy: evidence for supplementation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 159-163.	1.3	10
103	Reciprocal seasonal variation in vitamin D status and tuberculosis notifications in Cape Town, South Africa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 19013-19017.	3.3	174
104	High-dose vitamin D3 during intensive-phase antimicrobial treatment of pulmonary tuberculosis: a double-blind randomised controlled trial. <i>Lancet, The</i> , 2011, 377, 242-250.	6.3	519
105	Vitamin D and Tuberculosis. <i>Current Respiratory Medicine Reviews</i> , 2011, 7, 435-439.	0.1	0
106	Vitamin D-Binding Protein Directs Monocyte Responses to 25-Hydroxy- and 1,25-Dihydroxyvitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3368-3376.	1.8	204
107	1,25-Dihydroxyvitamin D <sub>3</sub> inhibits matrix metalloproteinases induced by <i>Mycobacterium tuberculosis</i> infection. <i>Immunology</i> , 2009, 127, 539-548.	2.0	141
108	Neutrophil-mediated innate immune resistance to mycobacteria. <i>Journal of Infection</i> , 2008, 56, 301-302.	1.7	0

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109	Vitamin D in the treatment and prevention of tuberculosis. Expert Review of Endocrinology and Metabolism, 2008, 3, 105-107.	1.2	1
110	Reduction of Chemokine Secretion in Response to Mycobacteria in Infliximab-Treated Patients. Vaccine Journal, 2008, 15, 506-512.	3.2	32
111	Vitamin D and Tuberculosis Incidence in Spain. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 799-799.	2.5	2
112	IFN- $\gamma$ - and TNF-Independent Vitamin D-Inducible Human Suppression of Mycobacteria: The Role of Cathelicidin LL-37. Journal of Immunology, 2007, 178, 7190-7198.	0.4	383
113	A Single Dose of Vitamin D Enhances Immunity to Mycobacteria. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 208-213.	2.5	370
114	Vitamin D in the treatment of pulmonary tuberculosis. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 793-798.	1.2	208
115	Educational outreach to promote screening for tuberculosis in primary care: a cluster randomised controlled trial. Lancet, The, 2007, 369, 1528-1534.	6.3	62
116	Neutrophil-mediated innate immune resistance to mycobacteria. Journal of Clinical Investigation, 2007, 117, 1988-1994.	3.9	352
117	The new tuberculosis: raised awareness of tuberculosis is vital in general practice. British Journal of General Practice, 2007, 57, 94-5.	0.7	5
118	A deletion defining a common Asian lineage of Mycobacterium tuberculosis associates with immune subversion. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15594-15598.	3.3	100
119	Gamma Interferon-Based Immunodiagnosis of Tuberculosis: Comparison between Whole-Blood and Enzyme-Linked Immunospot Methods. Journal of Clinical Microbiology, 2004, 42, 829-831.	1.8	55
120	Determinants of Antibody Responses to Two Doses of ChAdOx1 nCoV-19 or Bnt162b2 and a Subsequent Booster Dose of BNT162b2 or mRNA-1273: Population-Based Cohort Study (COVIDENCE UK). SSRN Electronic Journal, 0, , .	0.4	5
121	<sc>UK</sc> Nutrition Research Partnership â€”Hot Topicâ€™™ workshop: Vitamin Dâ€™”A multiâ€™disciplinary approach to (1) elucidate its role in human health and (2) develop strategies to improve vitamin D status in the <sc>UK</sc> population. Nutrition Bulletin, 0, , .	0.8	3