Adrian R Martineau

List of Publications by Year
in descending order

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	Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data. BMJ: British Medical Journal, 2017, 356, i6583.	2.4	1,408
2	High-dose vitamin D3 during intensive-phase antimicrobial treatment of pulmonary tuberculosis: a double-blind randomised controlled trial. Lancet, The, 2011, 377, 242-250.	6.3	519
3	IFN-Î³- 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
4	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
5	Neutrophil-mediated innate immune resistance to mycobacteria. Journal of Clinical Investigation, 2007, 117, 1988-1994.	3.9	352
6	Modulation of the Immune Response to Respiratory Viruses by Vitamin D. Nutrients, 2015, 7, 4240-4270.	1.7	339
7	Global prevalence and disease burden of vitamin D deficiency: a roadmap for action in lowâ€and middleâ€income countries. Annals of the New York Academy of Sciences, 2018, 1430, 44-79.	1.8	330
8	Vitamin D supplementation to prevent acute respiratory infections: a systematic review and meta-analysis of aggregate data from randomised controlled trials. Lancet Diabetes and Endocrinology,the, 2021, 9, 276-292.	5.5	292
9	Vitamin D accelerates resolution of inflammatory responses during tuberculosis treatment. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15449-15454.	3.3	267
10	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). Thorax, 2015, 70, 617-624.	2.7	258
11	Rationale and Plan for Vitamin D Food Fortification: A Review and Guidance Paper. Frontiers in Endocrinology, 2018, 9, 373.	1.5	249
12	Vitamin D supplementation to prevent asthma exacerbations: a systematic review and meta-analysis of individual participant data. Lancet Respiratory Medicine,the, 2017, 5, 881-890.	5.2	236
13	Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. Health Technology Assessment, 2019, 23, 1-44.	1.3	230
14	Sharpening the global focus on ethnicity and race in the time of COVID-19. Lancet, The, 2020, 395, 1673-1676.	6.3	214
15	Vitamin D in the treatment of pulmonary tuberculosis. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 793-798.	1.2	208
16	Vitamin D-Binding Protein Directs Monocyte Responses to 25-Hydroxy- and 1,25-Dihydroxyvitamin D. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3368-3376.	1.8	204
17	Vitamin D in the prevention of acute respiratory infection: Systematic review of clinical studies. Journal of Steroid Biochemistry and Molecular Biology, 2013, 136, 321-329.	1.2	189
18	Vitamin D 3 supplementation in patients with chronic obstructive pulmonary disease (ViDiCO): a multicentre, double-blind, randomised controlled trial. Lancet Respiratory Medicine,the, 2015, 3, 120-130.	5.2	186

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19	Reciprocal seasonal variation in vitamin D status and tuberculosis notifications in Cape Town, South Africa. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 19013-19017.	3.3	174
20	Distinct endotypes of steroid-resistant asthma characterized by IL-17Ahigh and IFN-Î³high immunophenotypes: Potential benefits of calcitriol. Journal of Allergy and Clinical Immunology, 2015, 136, 628-637.e4.	1.5	170
21	Low serum 25â€hydroxyvitamin D (25[OH]D) levels in patients hospitalized with COVIDâ€19 are associated with greater disease severity. Clinical Endocrinology, 2020, 93, 508-511.	1.2	166
22	Enhanced production of IL-17A in patients with severe asthma is inhibited by 1Î±,25-dihydroxyvitamin D3 in a glucocorticoid-independent fashion. Journal of Allergy and Clinical Immunology, 2013, 132, 297-304.e3.	1.5	159
23	Vitamin D for COVID-19: a case to answer?. Lancet Diabetes and Endocrinology,the, 2020, 8, 735-736.	5.5	151
24	Prenatal Vitamin D Supplementation and Child Respiratory Health: A Randomised Controlled Trial. PLoS ONE, 2013, 8, e66627.	1.1	148
25	1Î±,25â€dihydroxyvitamin D₃ inhibits matrix metalloproteinases induced by Mycobacterium tuberculosis infection. Immunology, 2009, 127, 539-548.	2.0	141
26	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
27	Effects of vitamin D supplementation on intestinal permeability, cathelicidin and disease markers in Crohn's disease: Results from a randomised doubleâ€blind placeboâ€controlled study. United European Gastroenterology Journal, 2015, 3, 294-302.	1.6	135
28	Universal weekly testing as the UK COVID-19 lockdown exit strategy. Lancet, The, 2020, 395, 1420-1421.	6.3	127
29	Vitamin D for the management of asthma. The Cochrane Library, 2019, 2019, CD011511.	1.5	115
30	Vitamin D Supplements for Prevention of Tuberculosis Infection and Disease. New England Journal of Medicine, 2020, 383, 359-368.	13.9	103
31	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
32	Double-blind randomised placebo-controlled trial of bolus-dose vitamin D₃supplementation in adults with asthma (ViDiAs). Thorax, 2015, 70, 451-457.	2.7	99
33	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. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 18-29.	1.2	96
34	Neutrophilia independently predicts death in tuberculosis: Table 1â€“. European Respiratory Journal, 2013, 42, 1752-1757.	3.1	84
35	Blood transcriptomic diagnosis of pulmonary and extrapulmonary tuberculosis. JCI Insight, 2016, 1, e87238.	2.3	83
36	Old wine in new bottles: vitamin D in the treatment and prevention of tuberculosis. Proceedings of the Nutrition Society, 2012, 71, 84-89.	0.4	71

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37	Corticosteroid Therapy, Vitamin D Status, and Inflammatory Cytokine Profile in the HIV-Tuberculosis Immune Reconstitution Inflammatory Syndrome. Clinical Infectious Diseases, 2012, 55, 1004-1011.	2.9	70
38	Ethnic Variation in Inflammatory Profile in Tuberculosis. PLoS Pathogens, 2013, 9, e1003468.	2.1	70
39	Phenylbutyrate Is Bacteriostatic against Mycobacterium tuberculosis and Regulates the Macrophage Response to Infection, Synergistically with 25-Hydroxy-Vitamin Dâ‚ƒ. PLoS Pathogens, 2015, 11, e1005007.	2.1	69
40	Blood Transcriptomic Stratification of Short-term Risk in Contacts of Tuberculosis. Clinical Infectious Diseases, 2020, 70, 731-737.	2.9	66
41	High-Dose Vitamin D₃ during Tuberculosis Treatment in Mongolia. A Randomized Controlled Trial. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 628-637.	2.5	65
42	Double-blind randomised controlled trial of vitamin D₃supplementation for the prevention of acute respiratory infection in older adults and their carers (ViDiFlu). Thorax, 2015, 70, 953-960.	2.7	64
43	Educational outreach to promote screening for tuberculosis in primary care: a cluster randomised controlled trial. Lancet, The, 2007, 369, 1528-1534.	6.3	62
44	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
45	Nrf2-interacting nutrients and COVID-19: time for research to develop adaptation strategies. Clinical and Translational Allergy, 2020, 10, 58.	1.4	56
46	Vitamin D Metabolism Is Dysregulated in Asthma and Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 371-382.	2.5	56
47	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
48	Adjunctive vitamin D in tuberculosis treatment: meta-analysis of individual participant data. European Respiratory Journal, 2019, 53, 1802003.	3.1	55
49	Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV. Scientifica, 2014, 2014, 1-13.	0.6	50
50	Evidence informing the UK's COVID-19 public health response must be transparent. Lancet, The, 2020, 395, 1036-1037.	6.3	50
51	Serum 25-dihydroxyvitamin D levels correlate with CD4+Foxp3+ T-cell numbers in moderate/severe asthma. Journal of Allergy and Clinical Immunology, 2012, 130, 542-544.	1.5	49
52	Risk factors for developing COVID-19: a population-based longitudinal study (COVIDENCE UK). Thorax, 2022, 77, 900-912.	2.7	47
53	Vitamin D to Prevent Lung Injury Following Esophagectomyâ€"A Randomized, Placebo-Controlled Trial*. Critical Care Medicine, 2018, 46, e1128-e1135.	0.4	45
54	Vitamin D receptor genotype influences risk of upper respiratory infection. British Journal of Nutrition, 2018, 120, 891-900.	1.2	41

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55	The effect of vitamin D supplementation on acute respiratory tract infection in older Australian adults: an analysis of data from the D-Health Trial. Lancet Diabetes and Endocrinology,the, 2021, 9, 69-81.	5.5	41
56	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
57	Detection of Mycobacterium tuberculosis complex DNA in CD34-positive peripheral blood mononuclear cells of asymptomatic tuberculosis contacts: an observational study. Lancet Microbe, The, 2021, 2, e267-e275.	3.4	38
58	Eosinophils are part of the granulocyte response in tuberculosis and promote host resistance in mice. Journal of Experimental Medicine, 2021, 218, .	4.2	38
59	â€œTest me and treat meâ€â€”attitudes to vitamin D deficiency and supplementation: a qualitative study. BMJ Open, 2015, 5, e007401.	0.8	37
60	Promotion of rapid testing for HIV in primary care (RHIVA2): a cluster-randomised controlled trial. Lancet HIV,the, 2015, 2, e229-e235.	2.1	37
61	Anatomic and Cellular Niches for Mycobacterium tuberculosis in Latent Tuberculosis Infection. Journal of Infectious Diseases, 2019, 219, 685-694.	1.9	37
62	Bolus-dose vitamin D and prevention of childhood pneumonia. Lancet, The, 2012, 379, 1373-1375.	6.3	35
63	Potential Interplay between Nrf2, TRPA1, and TRPV1 in Nutrients for the Control of COVID-19. International Archives of Allergy and Immunology, 2021, 182, 324-338.	0.9	33
64	Reduction of Chemokine Secretion in Response to Mycobacteria in Infliximab-Treated Patients. Vaccine Journal, 2008, 15, 506-512.	3.2	32
65	Vitamin D deficiency and TB disease phenotype. Thorax, 2015, 70, 1171-1180.	2.7	31
66	Environmental and genetic determinants of vitamin D status among older adults in London, UK. Journal of Steroid Biochemistry and Molecular Biology, 2016, 164, 30-35.	1.2	31
67	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
68	Determinants of pre-vaccination antibody responses to SARS-CoV-2: a population-based longitudinal study (COVIDENCE UK). BMC Medicine, 2022, 20, 87.	2.3	31
69	Prevalence and Determinants of QuantiFERON-Diagnosed Tuberculosis Infection in 9810 Mongolian Schoolchildren. Clinical Infectious Diseases, 2019, 69, 813-819.	2.9	30
70	The effects of calcitriol treatment in glucocorticoid-resistant asthma. Journal of Allergy and Clinical Immunology, 2014, 133, 1755-1757.e4.	1.5	29
71	High prevalence of vitamin D deficiency among women of child-bearing age in Lahore Pakistan, associating with lack of sun exposure and illiteracy. BMC Women's Health, 2015, 15, 83.	0.8	26
72	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

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73	Vitamin D and coronavirus disease 2019 (COVID-19): rapid evidence review. Aging Clinical and Experimental Research, 2021, 33, 2031-2041.	1.4	26
74	Vitamin D deficiency associates with susceptibility to tuberculosis in Pakistan, but polymorphisms in VDR, DBP and CYP2R1 do not. BMC Pulmonary Medicine, 2016, 16, 73.	0.8	25
75	Vitamin D to prevent COVIDâ€19: recommendations for the design of clinical trials. FEBS Journal, 2020, 287, 3689-3692.	2.2	24
76	Effect of Antiretroviral Therapy on HIV-mediated Impairment of the Neutrophil Antimycobacterial Response. Annals of the American Thoracic Society, 2015, 12, 1627-37.	1.5	22
77	Longitudinal study of vitamin D metabolites after long bone fracture. Journal of Bone and Mineral Research, 2013, 28, 1301-1307.	3.1	21
78	Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. ELife, 2020, 9, .	2.8	21
79	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
80	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. Nutrients, 2021, 13, 521.	1.7	19
81	Vitamin D3 replacement enhances antigen-specific immunity in older adults. Immunotherapy Advances, 2021, 1, .	1.2	18
82	A novel assay of antimycobacterial activity and phagocytosis by human neutrophils. Tuberculosis, 2013, 93, 167-178.	0.8	16
83	High-dose oral vitamin D supplementation and mortality in people aged 65â€“84 years: the VIDAL cluster feasibility RCT of open versus double-blind individual randomisation. Health Technology Assessment, 2020, 24, 1-54.	1.3	16
84	Vitamin D and tuberculosis: more effective in prevention than treatment?. International Journal of Tuberculosis and Lung Disease, 2015, 19, 876-877.	0.6	15
85	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
86	Vitamin A Metabolism by Dendritic Cells Triggers an Antimicrobial Response against Mycobacterium tuberculosis. MSphere, 2019, 4, .	1.3	14
87	Genotype-independent association between profound vitamin D deficiency and delayed sputum smear conversion in pulmonary tuberculosis. BMC Infectious Diseases, 2015, 15, 275.	1.3	13
88	Vitamin D for secondary prevention of acute wheeze attacks in preschool and school-age children. Thorax, 2019, 74, 977-985.	2.7	12
89	Inadequate vitamin D status in pregnancy: evidence for supplementation. Acta Obstetricia Et Gynecologica Scandinavica, 2012, 91, 159-163.	1.3	10
90	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

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91	Original publication: Low serum 25â€hydroxyvitamin D (25[OH]D) levels in patients hospitalized with COVIDâ€19 are associated with greater disease severity. Clinical Endocrinology, 2020, 93, 629-630.	1.2	10
92	Micronutrients to Support Vaccine Immunogenicity and Efficacy. Vaccines, 2022, 10, 568.	2.1	10
93	Genotype-independent association between vitamin D deficiency and polycystic ovarian syndrome in Lahore, Pakistan. Scientific Reports, 2020, 10, 2290.	1.6	8
94	Prevalence and Determinants of Vitamin D Deficiency in 1825 Cape Town Primary Schoolchildren: A Cross-Sectional Study. Nutrients, 2022, 14, 1263.	1.7	8
95	The effects of vitamin D2 or D3supplementation on glycaemic control and related metabolic parameters in people at risk of type 2 diabetes: protocol of a randomised double-blind placebo-controlled trial. BMC Public Health, 2013, 13, 999.	1.2	6
96	Effects of Pre-Natal Vitamin D Supplementation with Partial Correction of Vitamin D Deficiency on Early Life Healthcare Utilisation: A Randomised Controlled Trial. PLoS ONE, 2015, 10, e0145303.	1.1	6
97	Cellular and Cytokine Responses in the Granulomas of Asymptomatic Cattle Naturally Infected with Mycobacterium bovis in Ethiopia. Infection and Immunity, 2020, 88, .	1.0	6
98	Prevalence and Determinants of Vitamin D Deficiency in 9595 Mongolian Schoolchildren: A Cross-Sectional Study. Nutrients, 2021, 13, 4175.	1.7	6
99	â€œVitamin D and Human Health: from the Gamete to the Graveâ€: Report on a meeting held at Queen Mary University of London, 23rdâ€“25th April 2014. Nutrients, 2014, 6, 2759-2919.	1.7	5
100	The relationship between seasonality, latitude and tuberculosis notifications in Pakistan. BMC Infectious Diseases, 2021, 21, 210.	1.3	5
101	The new tuberculosis: raised awareness of tuberculosis is vital in general practice. British Journal of General Practice, 2007, 57, 94-5.	0.7	5
102	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
103	Vitamin D and Chronic Obstructive Pulmonary Disease: Justified Optimism or False Hope?. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 239-241.	2.5	4
104	â€˜Curiouser and curiouserâ€™: the role of vitamin D in the prevention of acute respiratory infection. Acta Paediatrica, International Journal of Paediatrics, 2015, 104, 331-333.	0.7	4
105	Vitamin D supplementation and musculoskeletal health. Lancet Diabetes and Endocrinology,the, 2019, 7, 86-87.	5.5	4
106	Epidemiology of Bovine Tuberculosis and Its Zoonotic Implication in Addis Ababa Milkshed, Central Ethiopia. Frontiers in Veterinary Science, 2021, 8, 595511.	0.9	4
107	Maternal vitamin D insufficiency is associated with adverse pregnancy and neonatal outcomes. Evidence-Based Medicine, 2014, 19, e4-e4.	0.6	3
108	Vitamin D supplementation to prevent asthma exacerbations â€“ Authors' reply. Lancet Respiratory Medicine,the, 2018, 6, e26-e27.	5.2	3

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109	The United Kingdomâ€™s global health funding cuts will exacerbate inequities. Nature Microbiology, 2021, 6, 535-535.	5.9	3
110	Detection of Mycobacterium tuberculosis DNA in CD34+ peripheral blood mononuclear cells of Ugandan adults with latent infection: a cross-sectional and nested prospective study. AAS Open Research, 2020, 3, 34.	1.5	3
111	<scp>UK</scp> 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 <scp>UK</scp> population. Nutrition Bulletin, 0, , .	0.8	3
112	Vitamin D and Tuberculosis Incidence in Spain. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 799-799.	2.5	2
113	Design and analysis of clinical trials of nutrients: Commentary. Nutrition Reviews, 2014, 72, 353-353.	2.6	2
114	Vitamin D in the treatment and prevention of tuberculosis. Expert Review of Endocrinology and Metabolism, 2008, 3, 105-107.	1.2	1
115	Vitamin D supplementation in patients with COPD: Twitter discussions on behalf of the University of Toronto Respirology and Sleep Journal Club â€“ Authors' Reply. Lancet Respiratory Medicine,the, 2015, 3, e24-e25.	5.2	1
116	Neutrophil-mediated innate immune resistance to mycobacteria. Journal of Infection, 2008, 56, 301-302.	1.7	0
117	Vitamin D and Tuberculosis. Current Respiratory Medicine Reviews, 2011, 7, 435-439.	0.1	0
118	Genetic Variants Modifying the Influence of Vitamin D. JAMA - Journal of the American Medical Association, 2013, 309, 872.	3.8	0
119	Vitamin D for the management of chronic obstructive pulmonary disease. The Cochrane Library, 2019, , .	1.5	0
120	Seasonal variation in fetal lateral cerebral ventricular diameter. Prenatal Diagnosis, 2020, 40, 390-392.	1.1	0
121	Vitamin D replacement in children with acute wheeze: a dose-escalation study. ERJ Open Research, 2022, 8, 00609-2021.	1.1	0