

# Adrian R Martineau

## List of Publications by Year in descending order

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Version: 2024-02-01

121  
papers

10,639  
citations

44042

48  
h-index

33869

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. <i>BMJ: British Medical Journal</i> , 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. <i>Lancet, The</i> , 2011, 377, 242-250.	6.3	519
3	IFN- $\gamma$ - and TNF-Independent Vitamin D-Inducible Human Suppression of Mycobacteria: The Role of Cathelicidin LL-37. <i>Journal of Immunology</i> , 2007, 178, 7190-7198.	0.4	383
4	A Single Dose of Vitamin D Enhances Immunity to Mycobacteria. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 208-213.	2.5	370
5	Neutrophil-mediated innate immune resistance to mycobacteria. <i>Journal of Clinical Investigation</i> , 2007, 117, 1988-1994.	3.9	352
6	Modulation of the Immune Response to Respiratory Viruses by Vitamin D. <i>Nutrients</i> , 2015, 7, 4240-4270.	1.7	339
7	Global prevalence and disease burden of vitamin D deficiency: a roadmap for action in low- and middle-income countries. <i>Annals of the New York Academy of Sciences</i> , 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. <i>Lancet Diabetes and Endocrinology</i> , 2021, 9, 276-292.	5.5	292
9	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
10	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). <i>Thorax</i> , 2015, 70, 617-624.	2.7	258
11	Rationale and Plan for Vitamin D Food Fortification: A Review and Guidance Paper. <i>Frontiers in Endocrinology</i> , 2018, 9, 373.	1.5	249
12	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
13	Vitamin D supplementation to prevent acute respiratory infections: individual participant data meta-analysis. <i>Health Technology Assessment</i> , 2019, 23, 1-44.	1.3	230
14	Sharpening the global focus on ethnicity and race in the time of COVID-19. <i>Lancet, The</i> , 2020, 395, 1673-1676.	6.3	214
15	Vitamin D in the treatment of pulmonary tuberculosis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 793-798.	1.2	208
16	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
17	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
18	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

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19	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
20	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
21	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
22	Enhanced production of IL-17A in patients with severe asthma is inhibited by 1 $\alpha$ ,25-dihydroxyvitamin D <sub>3</sub> in a glucocorticoid-independent fashion. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 297-304.e3.	1.5	159
23	Vitamin D for COVID-19: a case to answer?. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 735-736.	5.5	151
24	Prenatal Vitamin D Supplementation and Child Respiratory Health: A Randomised Controlled Trial. <i>PLoS ONE</i> , 2013, 8, e66627.	1.1	148
25	1 $\alpha$ ,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
26	Vitamin D to prevent exacerbations of COPD: systematic review and meta-analysis of individual participant data from randomised controlled trials. <i>Thorax</i> , 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 double-blind placebo-controlled study. <i>United European Gastroenterology Journal</i> , 2015, 3, 294-302.	1.6	135
28	Universal weekly testing as the UK COVID-19 lockdown exit strategy. <i>Lancet</i> , 2020, 395, 1420-1421.	6.3	127
29	Vitamin D for the management of asthma. <i>The Cochrane Library</i> , 2019, 2019, CD011511.	1.5	115
30	Vitamin D Supplements for Prevention of Tuberculosis Infection and Disease. <i>New England Journal of Medicine</i> , 2020, 383, 359-368.	13.9	103
31	A deletion defining a common Asian lineage of <i>Mycobacterium tuberculosis</i> associates with immune subversion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 15594-15598.	3.3	100
32	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
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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2016, 164, 18-29.	1.2	96
34	Neutrophilia independently predicts death in tuberculosis: Table 1 <sup>a</sup> . <i>European Respiratory Journal</i> , 2013, 42, 1752-1757.	3.1	84
35	Blood transcriptomic diagnosis of pulmonary and extrapulmonary tuberculosis. <i>JCI Insight</i> , 2016, 1, e87238.	2.3	83
36	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

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37	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
38	Ethnic Variation in Inflammatory Profile in Tuberculosis. <i>PLoS Pathogens</i> , 2013, 9, e1003468.	2.1	70
39	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
40	Blood Transcriptomic Stratification of Short-term Risk in Contacts of Tuberculosis. <i>Clinical Infectious Diseases</i> , 2020, 70, 731-737.	2.9	66
41	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
42	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
43	Educational outreach to promote screening for tuberculosis in primary care: a cluster randomised controlled trial. <i>Lancet, The</i> , 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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 187, 152-159.	1.2	56
45	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
46	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
47	Gamma Interferon-Based Immunodiagnosis of Tuberculosis: Comparison between Whole-Blood and Enzyme-Linked Immunospot Methods. <i>Journal of Clinical Microbiology</i> , 2004, 42, 829-831.	1.8	55
48	Adjunctive vitamin D in tuberculosis treatment: meta-analysis of individual participant data. <i>European Respiratory Journal</i> , 2019, 53, 1802003.	3.1	55
49	Anti-Inflammatory and Antimicrobial Actions of Vitamin D in Combating TB/HIV. <i>Scientifica</i> , 2014, 2014, 1-13.	0.6	50
50	Evidence informing the UK's COVID-19 public health response must be transparent. <i>Lancet, The</i> , 2020, 395, 1036-1037.	6.3	50
51	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
52	Risk factors for developing COVID-19: a population-based longitudinal study (COVIDENCE UK). <i>Thorax</i> , 2022, 77, 900-912.	2.7	47
53	Vitamin D to Prevent Lung Injury Following Esophagectomy—A Randomized, Placebo-Controlled Trial*. <i>Critical Care Medicine</i> , 2018, 46, e1128-e1135.	0.4	45
54	Vitamin D receptor genotype influences risk of upper respiratory infection. <i>British Journal of Nutrition</i> , 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. <i>Lancet Diabetes and Endocrinology</i> , 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. <i>Frontiers in Immunology</i> , 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. <i>Lancet Microbe</i> , 2021, 2, e267-e275.	3.4	38
58	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
59	“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
60	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
61	Anatomic and Cellular Niches for <i>Mycobacterium tuberculosis</i> in Latent Tuberculosis Infection. <i>Journal of Infectious Diseases</i> , 2019, 219, 685-694.	1.9	37
62	Bolus-dose vitamin D and prevention of childhood pneumonia. <i>Lancet</i> , 2012, 379, 1373-1375.	6.3	35
63	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
64	Reduction of Chemokine Secretion in Response to Mycobacteria in Infliximab-Treated Patients. <i>Vaccine Journal</i> , 2008, 15, 506-512.	3.2	32
65	Vitamin D deficiency and TB disease phenotype. <i>Thorax</i> , 2015, 70, 1171-1180.	2.7	31
66	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
67	Prevalence, determinants and clinical correlates of vitamin D deficiency in patients with Chronic Obstructive Pulmonary Disease in London, UK. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 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). <i>BMC Medicine</i> , 2022, 20, 87.	2.3	31
69	Prevalence and Determinants of QuantiFERON-Diagnosed Tuberculosis Infection in 9810 Mongolian Schoolchildren. <i>Clinical Infectious Diseases</i> , 2019, 69, 813-819.	2.9	30
70	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
71	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
72	Differential Effects of Oral Boluses of Vitamin D2 vs Vitamin D3 on Vitamin D Metabolism: A Randomized Controlled Trial. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5831-5839.	1.8	26

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73	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
74	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
75	Vitamin D to prevent COVID-19: recommendations for the design of clinical trials. <i>FEBS Journal</i> , 2020, 287, 3689-3692.	2.2	24
76	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
77	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
78	Identification of slit3 as a locus affecting nicotine preference in zebrafish and human smoking behaviour. <i>ELife</i> , 2020, 9, .	2.8	21
79	High-dose vitamin D3 in the treatment of severe acute malnutrition: a multicenter double-blind randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 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. <i>Nutrients</i> , 2021, 13, 521.	1.7	19
81	Vitamin D3 replacement enhances antigen-specific immunity in older adults. <i>Immunotherapy Advances</i> , 2021, 1, .	1.2	18
82	A novel assay of antimycobacterial activity and phagocytosis by human neutrophils. <i>Tuberculosis</i> , 2013, 93, 167-178.	0.8	16
83	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
84	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
85	Prevalence, determinants and clinical correlates of vitamin D deficiency in adults with inhaled corticosteroid-treated asthma in London, UK. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 175, 88-96.	1.2	14
86	Vitamin A Metabolism by Dendritic Cells Triggers an Antimicrobial Response against Mycobacterium tuberculosis. <i>MSphere</i> , 2019, 4, .	1.3	14
87	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
88	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
89	Inadequate vitamin D status in pregnancy: evidence for supplementation. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 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. <i>BMC Infectious Diseases</i> , 2019, 19, 532.	1.3	10

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91	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
92	Micronutrients to Support Vaccine Immunogenicity and Efficacy. <i>Vaccines</i> , 2022, 10, 568.	2.1	10
93	Genotype-independent association between vitamin D deficiency and polycystic ovarian syndrome in Lahore, Pakistan. <i>Scientific Reports</i> , 2020, 10, 2290.	1.6	8
94	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
95	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
96	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
97	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
98	Prevalence and Determinants of Vitamin D Deficiency in 9595 Mongolian Schoolchildren: A Cross-Sectional Study. <i>Nutrients</i> , 2021, 13, 4175.	1.7	6
99	“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
100	The relationship between seasonality, latitude and tuberculosis notifications in Pakistan. <i>BMC Infectious Diseases</i> , 2021, 21, 210.	1.3	5
101	The new tuberculosis: raised awareness of tuberculosis is vital in general practice. <i>British Journal of General Practice</i> , 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). <i>SSRN Electronic Journal</i> , 0, , .	0.4	5
103	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
104	“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
105	Vitamin D supplementation and musculoskeletal health. <i>Lancet Diabetes and Endocrinology</i> , the, 2019, 7, 86-87.	5.5	4
106	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
107	Maternal vitamin D insufficiency is associated with adverse pregnancy and neonatal outcomes. <i>Evidence-Based Medicine</i> , 2014, 19, e4-e4.	0.6	3
108	Vitamin D supplementation to prevent asthma exacerbations “ Authors' reply. <i>Lancet Respiratory Medicine</i> , the, 2018, 6, e26-e27.	5.2	3

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