John S. Adams

List of Publications by Year
in descending order

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46 papers	10,042 citations	126907 33 h-index	223800 46 g-index
46 all docs	46 docs citations	46 times ranked	10612 citing authors

#	Article	IF	Citations
1	Toll-Like Receptor Triggering of a Vitamin D-Mediated Human Antimicrobial Response. Science, 2006, 311, 1770-1773.	12.6	3,367
2	Update in Vitamin D. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 471-478.	3.6	793
3	Unexpected actions of vitamin D: new perspectives on the regulation of innate and adaptive immunity. Nature Clinical Practice Endocrinology and Metabolism, 2008, 4, 80-90.	2.8	647
4	Vitamin D Is Required for IFN-Î³â€"Mediated Antimicrobial Activity of Human Macrophages. Science Translational Medicine, 2011, 3, 104ra102.	12.4	442
5	Extra-renal 25-hydroxyvitamin D3-1Î±-hydroxylase in human health and disease. Journal of Steroid Biochemistry and Molecular Biology, 2007, 103, 316-321.	2.5	359
6	Type I Interferon Suppresses Type II Interferonâ€"Triggered Human Anti-Mycobacterial Responses. Science, 2013, 339, 1448-1453.	12.6	359
7	Vitamin D and DBP: The free hormone hypothesis revisited. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 132-137.	2.5	354
8	Vitamin D-Directed Rheostatic Regulation of Monocyte Antibacterial Responses. Journal of Immunology, 2009, 182, 4289-4295.	0.8	349
9	T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 22593-22598.	7.1	206
10	IL-15 Links TLR2/1-Induced Macrophage Differentiation to the Vitamin D-Dependent Antimicrobial Pathway. Journal of Immunology, 2008, 181, 7115-7120.	0.8	205
11	Extrarenal expression of the 25-hydroxyvitamin D-1-hydroxylase. Archives of Biochemistry and Biophysics, 2012, 523, 95-102.	3.0	205
12	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.	3.6	204
13	Vitamin D and barrier function: a novel role for extra-renal 1Î±-hydroxylase. Molecular and Cellular Endocrinology, 2004, 215, 31-38.	3.2	190
14	A Mouse Model of Post-Arthroplasty Staphylococcus aureus Joint Infection to Evaluate In Vivo the Efficacy of Antimicrobial Implant Coatings. PLoS ONE, 2010, 5, e12580.	2.5	181
15	Divergence of Macrophage Phagocytic and Antimicrobial Programs in Leprosy. Cell Host and Microbe, 2009, 6, 343-353.	11.0	175
16	Measurement of vitamin D levels in inflammatory bowel disease patients reveals a subset of Crohn's disease patients with elevated 1,25-dihydroxyvitamin D and low bone mineral density. Gut, 2004, 53, 1129-1136.	12.1	172
17	Fibroblast growth factor 23 inhibits extrarenal synthesis of 1,25-dihydroxyvitamin D in human monocytes. Journal of Bone and Mineral Research, 2013, 28, 46-55.	2.8	163
18	Biological actions of extra-renal 25-hydroxyvitamin D-1Î±-hydroxylase and implications for chemoprevention and treatment. Journal of Steroid Biochemistry and Molecular Biology, 2005, 97, 103-109.	2.5	143

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19	Vitamin D in Defense of the Human Immune Response. Annals of the New York Academy of Sciences, 2007, 1117, 94-105.	3.8	140
20	Regulation of the extrarenal CYP27B1-hydroxylase. Journal of Steroid Biochemistry and Molecular Biology, 2014, 144, 22-27.	2.5	137
21	Heterogeneous nuclear ribonucleoprotein (hnRNP) binding to hormone response elements: A cause of vitamin D resistance. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 6109-6114.	7.1	125
22	Vitamin D-Mediated Hypercalcemia in Lymphoma: Evidence for Hormone Production by Tumor-Adjacent Macrophages. Journal of Bone and Mineral Research, 2003, 18, 579-582.	2.8	118
23	Alternative Splicing of Vitamin D-24-Hydroxylase. Journal of Biological Chemistry, 2005, 280, 20604-20611.	3.4	109
24	Gene targeting by the vitamin D response element binding protein reveals a role for vitamin D in osteoblast mTOR signaling. FASEB Journal, 2011, 25, 937-947.	0.5	102
25	Vitamin D metabolites and the gut microbiome in older men. Nature Communications, 2020, 11, 5997.	12.8	88
26	Vitamin D Binding Protein and Monocyte Response to 25-Hydroxyvitamin D and 1,25-Dihydroxyvitamin D: Analysis by Mathematical Modeling. PLoS ONE, 2012, 7, e30773.	2.5	86
27	Increased Expression of 25-Hydroxyvitamin D-1Î±-Hydroxylase in Dysgerminomas. American Journal of Pathology, 2004, 165, 807-813.	3.8	77
28	Additive Effects of Sonic Hedgehog and Nell-1 Signaling in Osteogenic Versus Adipogenic Differentiation of Human Adipose-Derived Stromal Cells. Stem Cells and Development, 2012, 21, 2170-2178.	2.1	73
29	Vitamin D activation of functionally distinct regulatory miRNAs in primary human osteoblasts. Journal of Bone and Mineral Research, 2013, 28, 1478-1488.	2.8	72
30	Vitamin D as a cytokine and hematopoetic factor. Reviews in Endocrine and Metabolic Disorders, 2001, 2, 217-227.	5.7	48
31	Functional Characterization of Heterogeneous Nuclear Ribonuclear Protein C1/C2 in Vitamin D Resistance. Journal of Biological Chemistry, 2006, 281, 39114-39120.	3.4	48
32	Immunomodulation by vitamin D: implications for TB. Expert Review of Clinical Pharmacology, 2011, 4, 583-591.	3.1	40
33	1Î±-Hydroxylase and innate immune responses to 25-hydroxyvitamin D in colonic cell lines. Journal of Steroid Biochemistry and Molecular Biology, 2010, 121, 228-233.	2.5	37
34	Vitamin D-Mediated Hypercalcemia in Slack Skin Disease: Evidence for Involvement of Extrarenal 25-Hydroxyvitamin D 1Î±-Hydroxylase. Journal of Bone and Mineral Research, 2006, 21, 1496-1499.	2.8	36
35	Progression of Coronary Artery Calcification in Patients Taking Alendronate for Osteoporosis. Academic Radiology, 2002, 9, 1148-1152.	2.5	32
36	Serum and synovial fluid vitamin D metabolites and rheumatoid arthritis. Journal of Steroid Biochemistry and Molecular Biology, 2019, 187, 1-8.	2.5	28

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37	Control of Estradiol-Directed Gene Transactivation by an Intracellular Estrogen-Binding Protein and an Estrogen Response Element-Binding Protein. Molecular Endocrinology, 2008, 22, 559-569.	3.7	25
38	Lysophosphatidic acid mediates fibrosis in injured joints by regulating collagen type I biosynthesis. Osteoarthritis and Cartilage, 2015, 23, 308-318.	1.3	25
39	Vitamin D insufficiency and skeletal development in utero. Journal of Bone and Mineral Research, 2010, 25, 11-13.	2.8	23
40	Co-chaperone potentiation of vitamin D receptor-mediated transactivation: a role for Bcl2-associated athanogene-1 as an intracellular-binding protein for 1,25-dihydroxyvitamin D3. Journal of Molecular Endocrinology, 2007, 39, 81-89.	2.5	15
41	An Hsp27-related, Dominant-negative-acting Intracellular Estradiol-binding Protein. Journal of Biological Chemistry, 2004, 279, 29944-29951.	3.4	13
42	Intrinsic activation of the vitamin D antimicrobial pathway by M. leprae infection is inhibited by type I IFN. PLoS Neglected Tropical Diseases, 2018, 12, e0006815.	3.0	12
43	A familial risk profile for osteoporosis. Genetics in Medicine, 2000, 2, 222-225.	2.4	6
44	Vitamin Dâ€"Mediated Hypercalcemia and Cushing Syndrome as Manifestations of Malignant Pleural Mesothelioma. Endocrine Practice, 2008, 14, 1011-1016.	2.1	5
45	Free versus total serum 25-hydroxyvitamin D in a murine model of colitis. Journal of Steroid Biochemistry and Molecular Biology, 2019, 189, 204-209.	2.5	5
46	Genetic determinants of osteoporosis susceptibility in a female Ashkenazi Jewish population. Genetics in Medicine, 2004, 6, 33-37.	2.4	3