

John S. Adams

List of Publications by Year in descending order

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46
papers

10,042
citations

126901

33
h-index

223791

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. <i>Science</i> , 2006, 311, 1770-1773.	12.6	3,367
2	Update in Vitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 471-478.	3.6	793
3	Unexpected actions of vitamin D: new perspectives on the regulation of innate and adaptive immunity. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008, 4, 80-90.	2.8	647
4	Vitamin D Is Required for IFN- γ -Mediated Antimicrobial Activity of Human Macrophages. <i>Science Translational Medicine</i> , 2011, 3, 104ra102.	12.4	442
5	Extra-renal 25-hydroxyvitamin D3-1 α -hydroxylase in human health and disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007, 103, 316-321.	2.5	359
6	Type I Interferon Suppresses Type II Interferon-Triggered Human Anti-Mycobacterial Responses. <i>Science</i> , 2013, 339, 1448-1453.	12.6	359
7	Vitamin D and DBP: The free hormone hypothesis revisited. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 132-137.	2.5	354
8	Vitamin D-Directed Rheostatic Regulation of Monocyte Antibacterial Responses. <i>Journal of Immunology</i> , 2009, 182, 4289-4295.	0.8	349
9	T-cell cytokines differentially control human monocyte antimicrobial responses by regulating vitamin D metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 22593-22598.	7.1	206
10	IL-15 Links TLR2/1-Induced Macrophage Differentiation to the Vitamin D-Dependent Antimicrobial Pathway. <i>Journal of Immunology</i> , 2008, 181, 7115-7120.	0.8	205
11	Extrarenal expression of the 25-hydroxyvitamin D-1-hydroxylase. <i>Archives of Biochemistry and Biophysics</i> , 2012, 523, 95-102.	3.0	205
12	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.	3.6	204
13	Vitamin D and barrier function: a novel role for extra-renal 1 α -hydroxylase. <i>Molecular and Cellular Endocrinology</i> , 2004, 215, 31-38.	3.2	190
14	A Mouse Model of Post-Arthroplasty <i>Staphylococcus aureus</i> Joint Infection to Evaluate In Vivo the Efficacy of Antimicrobial Implant Coatings. <i>PLoS ONE</i> , 2010, 5, e12580.	2.5	181
15	Divergence of Macrophage Phagocytic and Antimicrobial Programs in Leprosy. <i>Cell Host and Microbe</i> , 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. <i>Gut</i> , 2004, 53, 1129-1136.	12.1	172
17	Fibroblast growth factor 23 inhibits extrarenal synthesis of 1,25-dihydroxyvitamin D in human monocytes. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 46-55.	2.8	163
18	Biological actions of extra-renal 25-hydroxyvitamin D-1 α -hydroxylase and implications for chemoprevention and treatment. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005, 97, 103-109.	2.5	143

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19	Vitamin D in Defense of the Human Immune Response. <i>Annals of the New York Academy of Sciences</i> , 2007, 1117, 94-105.	3.8	140
20	Regulation of the extrarenal CYP27B1-hydroxylase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 144, 22-27.	2.5	137
21	Heterogeneous nuclear ribonucleoprotein (hnRNP) binding to hormone response elements: A cause of vitamin D resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6109-6114.	7.1	125
22	Vitamin D-Mediated Hypercalcemia in Lymphoma: Evidence for Hormone Production by Tumor-Adjacent Macrophages. <i>Journal of Bone and Mineral Research</i> , 2003, 18, 579-582.	2.8	118
23	Alternative Splicing of Vitamin D-24-Hydroxylase. <i>Journal of Biological Chemistry</i> , 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. <i>FASEB Journal</i> , 2011, 25, 937-947.	0.5	102
25	Vitamin D metabolites and the gut microbiome in older men. <i>Nature Communications</i> , 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. <i>PLoS ONE</i> , 2012, 7, e30773.	2.5	86
27	Increased Expression of 25-Hydroxyvitamin D-1 α -Hydroxylase in Dysgerminomas. <i>American Journal of Pathology</i> , 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. <i>Stem Cells and Development</i> , 2012, 21, 2170-2178.	2.1	73
29	Vitamin D activation of functionally distinct regulatory miRNAs in primary human osteoblasts. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1478-1488.	2.8	72
30	Vitamin D as a cytokine and hematopoietic factor. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2001, 2, 217-227.	5.7	48
31	Functional Characterization of Heterogeneous Nuclear Ribonuclear Protein C1/C2 in Vitamin D Resistance. <i>Journal of Biological Chemistry</i> , 2006, 281, 39114-39120.	3.4	48
32	Immunomodulation by vitamin D: implications for TB. <i>Expert Review of Clinical Pharmacology</i> , 2011, 4, 583-591.	3.1	40
33	1 α -Hydroxylase and innate immune responses to 25-hydroxyvitamin D in colonic cell lines. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 121, 228-233.	2.5	37
34	Vitamin D-Mediated Hypercalcemia in Slack Skin Disease: Evidence for Involvement of Extrarenal 25-Hydroxyvitamin D 1 α -Hydroxylase. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 1496-1499.	2.8	36
35	Progression of Coronary Artery Calcification in Patients Taking Alendronate for Osteoporosis. <i>Academic Radiology</i> , 2002, 9, 1148-1152.	2.5	32
36	Serum and synovial fluid vitamin D metabolites and rheumatoid arthritis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 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. <i>Molecular Endocrinology</i> , 2008, 22, 559-569.	3.7	25
38	Lysophosphatidic acid mediates fibrosis in injured joints by regulating collagen type I biosynthesis. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 308-318.	1.3	25
39	Vitamin D insufficiency and skeletal development in utero. <i>Journal of Bone and Mineral Research</i> , 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. <i>Journal of Molecular Endocrinology</i> , 2007, 39, 81-89.	2.5	15
41	An Hsp27-related, Dominant-negative-acting Intracellular Estradiol-binding Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 29944-29951.	3.4	13
42	Intrinsic activation of the vitamin D antimicrobial pathway by <i>M. leprae</i> infection is inhibited by type I IFN. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006815.	3.0	12
43	A familial risk profile for osteoporosis. <i>Genetics in Medicine</i> , 2000, 2, 222-225.	2.4	6
44	Vitamin D-Mediated Hypercalcemia and Cushing Syndrome as Manifestations of Malignant Pleural Mesothelioma. <i>Endocrine Practice</i> , 2008, 14, 1011-1016.	2.1	5
45	Free versus total serum 25-hydroxyvitamin D in a murine model of colitis. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 189, 204-209.	2.5	5
46	Genetic determinants of osteoporosis susceptibility in a female Ashkenazi Jewish population. <i>Genetics in Medicine</i> , 2004, 6, 33-37.	2.4	3