

David D Brand

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6826805/publications.pdf>

Version: 2024-02-01

95
papers

6,819
citations

70961

41
h-index

60497

81
g-index

100
all docs

100
docs citations

100
times ranked

9367
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the shared epitope on the elicitation of experimental autoimmune arthritis biomarkers. PLoS ONE, 2021, 16, e0250177.	1.1	4
2	20S-Hydroxyvitamin D3, a Secosteroid Produced in Humans, Is Anti-Inflammatory and Inhibits Murine Autoimmune Arthritis. Frontiers in Immunology, 2021, 12, 678487.	2.2	18
3	Collagen-Induced Arthritis Mouse Model. Current Protocols, 2021, 1, e313.	1.3	8
4	1,25-Dihydroxyvitamin D3 and 20-Hydroxyvitamin D3 Upregulate LAIR-1 and Attenuate Collagen Induced Arthritis. International Journal of Molecular Sciences, 2021, 22, 13342.	1.8	9
5	Leukocyte-associated immunoglobulin-like receptor 1 inhibits T-cell signaling by decreasing protein phosphorylation in the T-cell signaling pathway. Journal of Biological Chemistry, 2020, 295, 2239-2247.	1.6	23
6	lncRNA <i>PDK1</i> promotes hepatocellular carcinoma progression through the <i>PDK1</i> / <i>AKT</i> /Caspase 3 pathway. Molecular Oncology, 2019, 13, 2246-2258.	2.1	91
7	Off-Target Deletion of Conditional <i>Dcb1</i> Allele in the <i>Foxp3</i> YFP-Cre Mouse Line under Specific Setting. Cells, 2019, 8, 1309.	1.8	2
8	Ameliorating effects of GÅ¶6976, a pharmacological agent that inhibits protein kinase D, on collagen-induced arthritis. PLoS ONE, 2019, 14, e0226145.	1.1	1
9	The role of Syk in peripheral T cells. Clinical Immunology, 2018, 192, 50-57.	1.4	4
10	Targeting IL-2: an unexpected effect in treating immunological diseases. Signal Transduction and Targeted Therapy, 2018, 3, 2.	7.1	111
11	mPGES1-Dependent Prostaglandin E2 (PGE2) Controls Antigen-Specific Th17 and Th1 Responses by Regulating T Autocrine and Paracrine PGE2 Production. Journal of Immunology, 2018, 200, 725-736.	0.4	24
12	Role of Vitamin A in the Immune System. Journal of Clinical Medicine, 2018, 7, 258.	1.0	333
13	Role of TNF-TNF Receptor 2 Signal in Regulatory T Cells and Its Therapeutic Implications. Frontiers in Immunology, 2018, 9, 784.	2.2	253
14	Monomeric, porous type II collagen scaffolds promote chondrogenic differentiation of human bone marrow mesenchymal stem cells in vitro. Scientific Reports, 2017, 7, 43519.	1.6	76
15	The Role of Leukocyte-Associated Ig-like Receptor-1 in Suppressing Collagen-Induced Arthritis. Journal of Immunology, 2017, 199, 2692-2700.	0.4	16
16	A self-organising biomimetic collagen/nano-hydroxyapatite-glycosaminoglycan scaffold for spinal fusion. Journal of Materials Science, 2017, 52, 12574-12592.	1.7	12
17	A protocol to develop T helper and Treg cells in vivo. Cellular and Molecular Immunology, 2017, 14, 1013-1016.	4.8	21
18	In Vivo Attenuation of Antibody-Mediated Acute Renal Allograft Rejection by Ex Vivo TGF-Î²-Induced CD4+Foxp3+ Regulatory T Cells. Frontiers in Immunology, 2017, 8, 1334.	2.2	24

#	ARTICLE	IF	CITATIONS
19	Bone loss and aggravated autoimmune arthritis in HLA-DR ² 1-bearing humanized mice following oral challenge with Porphyromonas gingivalis. Arthritis Research and Therapy, 2016, 18, 249.	1.6	48
20	In Vivo Dual Fluorescence Imaging to Detect Joint Destruction. Artificial Organs, 2016, 40, 1009-1013.	1.0	10
21	6 β -Hydroxytestosterone, a Cytochrome P450 1B1-Testosterone Metabolite, Mediates Angiotensin II-Induced Renal Dysfunction in Male Mice. Hypertension, 2016, 67, 916-926.	1.3	19
22	Cytochrome P450 1B1 Contributes to the Development of Angiotensin II-Induced Aortic Aneurysm in Male ApoE ^{-/-} Mice. American Journal of Pathology, 2016, 186, 2204-2219.	1.9	12
23	Characterization of the Syk-Dependent T Cell Signaling Response to an Altered Peptide. Journal of Immunology, 2016, 197, 4569-4575.	0.4	1
24	The CII-specific autoimmune T-cell response develops in the presence of FTY720 but is regulated by enhanced Treg cells that inhibit the development of autoimmune arthritis. Arthritis Research and Therapy, 2016, 18, 8.	1.6	14
25	Peptide ligand structure and I-A _b binding avidity influence T cell signaling pathway utilization. Clinical Immunology, 2015, 160, 188-197.	1.4	2
26	Genomic locus on chromosome 1 regulates susceptibility to spontaneous arthritis in mice deficiency of IL-1RA. BMC Immunology, 2014, 15, 57.	0.9	3
27	TGF- β -Induced CD4 ⁺ Foxp3 ⁺ T Cells Attenuate Acute Graft-versus-Host Disease by Suppressing Expansion and Killing of Effector CD8 ⁺ Cells. Journal of Immunology, 2014, 193, 3388-3397.	0.4	35
28	The function of BAFF on T helper cells in autoimmunity. Cytokine and Growth Factor Reviews, 2014, 25, 301-305.	3.2	66
29	Characterization of T cell phenotype and function in a double transgenic (collagen-specific) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5	1.6	16
30	Phenotypic and functional characteristic of a newly identified CD8 ⁺ Foxp3 ⁺ CD103 ⁺ regulatory T cells. Journal of Molecular Cell Biology, 2014, 6, 81-92.	1.5	60
31	A role for Apolipoprotein A-I in the pathogenesis of multiple sclerosis. Journal of Neuroimmunology, 2014, 277, 176-185.	1.1	20
32	Critical role of all-trans retinoic acid in stabilizing human natural regulatory T cells under inflammatory conditions. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3432-40.	3.3	206
33	Characterisation of freeze-dried type II collagen and chondroitin sulfate scaffolds. Journal of Materials Science: Materials in Medicine, 2013, 24, 1153-1165.	1.7	21
34	Porphyromonas gingivalis oral infection exacerbates the development and severity of collagen-induced arthritis. Arthritis Research and Therapy, 2013, 15, R186.	1.6	100
35	Adoptive Transfer of Human Gingiva-Derived Mesenchymal Stem Cells Ameliorates Collagen-Induced Arthritis via Suppression of Th1 and Th17 Cells and Enhancement of Regulatory T Cell Differentiation. Arthritis and Rheumatism, 2013, 65, 1181-1193.	6.7	173
36	Engineered Regulatory T Cells Coexpressing MHC Class II:Peptide Complexes Are Efficient Inhibitors of Autoimmune T Cell Function and Prevent the Development of Autoimmune Arthritis. Journal of Immunology, 2013, 190, 5382-5391.	0.4	12

#	ARTICLE	IF	CITATIONS
37	Differential role of all- <i>trans</i> retinoic acid in promoting the development of CD4 ⁺ and CD8 ⁺ regulatory T cells. <i>Journal of Leukocyte Biology</i> , 2013, 95, 275-283.	1.5	34
38	Advances in distinguishing natural from induced Foxp3(+) regulatory T cells. <i>International Journal of Clinical and Experimental Pathology</i> , 2013, 6, 116-23.	0.5	106
39	Induced T regulatory cells suppress osteoclastogenesis and bone erosion in collagen-induced arthritis better than natural T regulatory cells. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, 1567-1572.	0.5	92
40	Comprehensive Mass Spectrometric Mapping of the Hydroxylated Amino Acid residues of the $\pm 1(V)$ Collagen Chain. <i>Journal of Biological Chemistry</i> , 2012, 287, 40598-40610.	1.6	47
41	Polyclonal CD4 ⁺ Foxp3 ⁺ Treg cells induce TGF β -dependent tolerogenic dendritic cells that suppress the murine lupus-like syndrome. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 409-419.	1.5	73
42	Induced CD4 ⁺ forkhead box protein ⁺ positive T cells inhibit mast cell function and established contact hypersensitivity through TGF β 1. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 444-452.e7.	1.5	54
43	Characterization of inhibitory T cells induced by an analog of type II collagen in an HLA-DR1 humanized mouse model of autoimmune arthritis. <i>Arthritis Research and Therapy</i> , 2012, 14, R107.	1.6	7
44	Antigen-specific transforming growth factor β -induced Treg cells, but not natural Treg cells, ameliorate autoimmune arthritis in mice by shifting the Th17/Treg cell balance from Th17 predominance to Treg cell predominance. <i>Arthritis and Rheumatism</i> , 2012, 64, 2548-2558.	6.7	129
45	Therapeutic potential of TGF β -induced CD4 ⁺ Foxp3 ⁺ regulatory T cells in autoimmune diseases. <i>Autoimmunity</i> , 2011, 44, 43-50.	1.2	58
46	Administering human adipose-derived mesenchymal stem cells to prevent and treat experimental arthritis. <i>Clinical Immunology</i> , 2011, 141, 328-337.	1.4	95
47	T cells stimulated with an analog peptide of type II collagen require the Fc receptor β chain to secrete interleukin ⁴ and suppress autoimmune arthritis in mice. <i>Arthritis and Rheumatism</i> , 2011, 63, 2661-2670.	6.7	4
48	Nucleosides from <i>Phlebotomus papatasi</i> Salivary Gland Ameliorate Murine Collagen-Induced Arthritis by Impairing Dendritic Cell Functions. <i>Journal of Immunology</i> , 2011, 187, 4347-4359.	0.4	26
49	A shift in the collagen V antigenic epitope leads to T helper phenotype switch and immune response to self-antigen leading to chronic lung allograft rejection. <i>Clinical and Experimental Immunology</i> , 2011, 167, 158-168.	1.1	47
50	All-Trans Retinoic Acid Promotes TGF β -Induced Tregs via Histone Modification but Not DNA Demethylation on Foxp3 Gene Locus. <i>PLoS ONE</i> , 2011, 6, e24590.	1.1	102
51	Synergistic effect of TGF β superfamily members on the induction of Foxp3 ⁺ Treg. <i>European Journal of Immunology</i> , 2010, 40, 142-152.	1.6	111
52	Influence of telopeptides, fibrils and crosslinking on physicochemical properties of Type I collagen films. <i>Journal of Materials Science: Materials in Medicine</i> , 2010, 21, 451-461.	1.7	43
53	Role of Smad and non-Smad Signals in the Development of Th17 and Regulatory T Cells. <i>Clinical Immunology</i> , 2010, 135, S68.	1.4	1
54	Isolation of Purified and Live Foxp3 ⁺ Regulatory T Cells Using FACS Sorting on Scatter Plot. <i>Clinical Immunology</i> , 2010, 135, S121.	1.4	0

#	ARTICLE	IF	CITATIONS
55	Role of SMAD and Non-SMAD Signals in the Development of Th17 and Regulatory T Cells. <i>Journal of Immunology</i> , 2010, 184, 4295-4306.	0.4	187
56	Isolation of Purified and Live Foxp3+ Regulatory T Cells using FACS Sorting on Scatter Plot. <i>Journal of Molecular Cell Biology</i> , 2010, 2, 164-169.	1.5	34
57	An Autoantigen-Specific, Highly Restricted T Cell Repertoire Infiltrates the Arthritic Joints of Mice in an HLA-DR1 Humanized Mouse Model of Autoimmune Arthritis. <i>Journal of Immunology</i> , 2010, 185, 110-118.	0.4	16
58	Inflammasome-independent Role of Apoptosis-associated Speck-like Protein Containing a CARD (ASC) in T Cell Priming Is Critical for Collagen-induced Arthritis. <i>Journal of Biological Chemistry</i> , 2010, 285, 12454-12462.	1.6	84
59	Protein Kinase D1 Is Essential for the Proinflammatory Response Induced by Hypersensitivity Pneumonitis-Causing Thermophilic Actinomyces <i>Saccharopolyspora rectivirgula</i> . <i>Journal of Immunology</i> , 2010, 184, 3145-3156.	0.4	41
60	Collagen-Induced Arthritis. <i>Current Protocols in Immunology</i> , 2010, 89, Unit 15.5.1-25.	3.6	68
61	Cutting Edge: All-trans Retinoic Acid Sustains the Stability and Function of Natural Regulatory T Cells in an Inflammatory Milieu. <i>Journal of Immunology</i> , 2010, 185, 2675-2679.	0.4	205
62	Inhibition of bleomycin-induced pulmonary fibrosis through pre-treatment with collagen type V. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 873-880.	0.3	33
63	48-OR: Collagen V Epitope Constraint Leading to Cytokine Switch Following Alloimmune Responses to Mismatched MHC Class I Antigens Which Induces Autoimmunity and Chronic Rejection. <i>Human Immunology</i> , 2010, 71, S142.	1.2	0
64	Modulation of collagen-induced arthritis by adenovirus-mediated intra-articular expression of modified collagen type II. <i>Arthritis Research and Therapy</i> , 2010, 12, R136.	1.6	9
65	Direct Visualization of Protease Action on Collagen Triple Helical Structure. <i>PLoS ONE</i> , 2010, 5, e11043.	1.1	70
66	Type V Collagen-Induced Oral Tolerance Plus Low-Dose Cyclosporine Prevents Rejection of MHC Class I and II Incompatible Lung Allografts. <i>Journal of Immunology</i> , 2009, 183, 237-245.	0.4	35
67	Collagen antibody-induced arthritis in mice: Development of a new arthritogenic 5-clone cocktail of monoclonal anti-type II collagen antibodies. <i>Journal of Immunological Methods</i> , 2009, 343, 49-55.	0.6	63
68	OR.101. All-trans Retinoic Acid Promotes the Differentiation of iTreg Cells via Smad and Non-Smad Signaling Pathways. <i>Clinical Immunology</i> , 2009, 131, S41.	1.4	0
69	Transfer of Tolerance to Collagen Type V Suppresses T-Helper-Cell-17 Lymphocyte-Mediated Acute Lung Transplant Rejection. <i>Transplantation</i> , 2009, 88, 1341-1348.	0.5	48
70	Silencing S1P1 Receptors Regulates Collagen-V Reactive Lymphocyte-Mediated Immunobiology in the Transplanted Lung. <i>American Journal of Transplantation</i> , 2008, 8, 537-546.	2.6	5
71	Th-17, Monokines, Collagen Type V, and Primary Graft Dysfunction in Lung Transplantation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 660-668.	2.5	95
72	Lung Transplant Ischemia Reperfusion Injury: Metalloprotease Inhibition Down-regulates Exposure of Type V Collagen, Growth-Related Oncogene-Induced Neutrophil Chemotaxis, and Tumor Necrosis Factor- α Expression. <i>Transplantation</i> , 2008, 85, 417-426.	0.5	37

#	ARTICLE	IF	CITATIONS
73	Metalloproteinase Inhibition Has Differential Effects on Alloimmunity, Autoimmunity, and Histopathology in the Transplanted Lung. <i>Transplantation</i> , 2007, 83, 799-808.	0.5	12
74	Cross-Linking Electrospun Type II Collagen Tissue Engineering Scaffolds with Carbodiimide in Ethanol. <i>Tissue Engineering</i> , 2007, 13, 1593-1605.	4.9	226
75	Suppression of immune responses in collagen-induced arthritis by a rationally designed CD80-binding peptide agent. <i>Arthritis and Rheumatism</i> , 2007, 56, 498-508.	6.7	15
76	Collagen-induced arthritis. <i>Nature Protocols</i> , 2007, 2, 1269-1275.	5.5	1,046
77	IL-17-dependent cellular immunity to collagen type V predisposes to obliterative bronchiolitis in human lung transplants. <i>Journal of Clinical Investigation</i> , 2007, 117, 3498-3506.	3.9	361
78	Analog peptides of type II collagen can suppress arthritis in HLA-DR4 (DRB1*0401) transgenic mice. <i>Arthritis Research and Therapy</i> , 2006, 8, R150.	1.6	33
79	Anti-Type V Collagen Lymphocytes that Express IL-17 and IL-23 Induce Rejection Pathology in Fresh and Well-Healed Lung Transplants. <i>American Journal of Transplantation</i> , 2006, 6, 724-735.	2.6	147
80	CD80 Binding Polyproline Helical Peptide Inhibits T Cell Activation. <i>Journal of Biological Chemistry</i> , 2005, 280, 10149-10155.	1.6	19
81	Rodent models of rheumatoid arthritis. <i>Comparative Medicine</i> , 2005, 55, 114-22.	0.4	26
82	Relevance of Posttranslational Modifications for the Arthritogenicity of Type II Collagen. <i>Journal of Immunology</i> , 2004, 172, 2970-2975.	0.4	218
83	Pathogenesis of collagen-induced arthritis: modulation of disease by arthritogenic T-cell epitope location. <i>Immunology</i> , 2004, 113, 384-391.	2.0	2
84	Efficacy of modified recombinant type II collagen in modulating autoimmune arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 3004-3011.	6.7	5
85	Generation of Glycosylated Remnant Epitopes from Human Collagen Type II by Gelatinase B. <i>Biochemistry</i> , 2004, 43, 10809-10816.	1.2	50
86	The Mouse Model of Collagen-Induced Arthritis. , 2004, 102, 295-312.		51
87	Immunopathogenesis of Collagen Arthritis. <i>Seminars in Immunopathology</i> , 2003, 25, 3-18.	4.0	205
88	Detection of Early Changes in Autoimmune T Cell Phenotype and Function Following Intravenous Administration of Type II Collagen in a TCR-Transgenic Model. <i>Journal of Immunology</i> , 2002, 168, 490-498.	0.4	34
89	Cleavage of denatured natural collagen type II by neutrophil gelatinase B reveals enzyme specificity, post-translational modifications in the substrate, and the formation of remnant epitopes in rheumatoid arthritis. <i>FASEB Journal</i> , 2002, 16, 379-389.	0.2	167
90	I-A ^q and I-A ^p Bind and Present Similar Antigenic Peptides Despite Differing in their Ability to Mediate Susceptibility to Autoimmune Arthritis. <i>Autoimmunity</i> , 2001, 34, 133-145.	1.2	8

#	ARTICLE	IF	CITATIONS
91	Immunogenicity and Arthritogenicity of Recombinant CB10 in B10.RIII Mice. Journal of Immunology, 2000, 164, 481-487.	0.4	5
92	An HLA-DR1 Transgene Confers Susceptibility to Collagen-induced Arthritis Elicited with Human Type II Collagen. Journal of Experimental Medicine, 1997, 185, 1113-1122.	4.2	216
93	Identification of MHC Class II and TCR Binding Residues in the Type II Collagen Immunodominant Determinant Mediating Collagen-Induced Arthritis. Cellular Immunology, 1996, 172, 21-28.	1.4	59
94	Collagenaceous, thiol-containing proteins of cnidarian nematocysts: A comparison of the chemistry and protein distribution patterns in two types of cnidae. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1993, 106, 115-124.	0.2	4
95	A Bilayer Osteochondral Scaffold with Self-Assembled Monomeric Collagen Type I, Type II, and Polymerized Chondroitin Sulfate Promotes Chondrogenic and Osteogenic Differentiation of Mesenchymal Stem Cells. Advanced NanoBiomed Research, 0, , 2100089.	1.7	3