

Rachelle P Donn

List of Publications by Year in descending order

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64
papers

3,015
citations

218677

26
h-index

161849

54
g-index

65
all docs

65
docs citations

65
times ranked

3906
citing authors

#	ARTICLE	IF	CITATIONS
1	Rheumatoid arthritis association at 6q23. <i>Nature Genetics</i> , 2007, 39, 1431-1433.	21.4	361
2	Association between the PTPN22 gene and rheumatoid arthritis and juvenile idiopathic arthritis in a UK population: Further support that PTPN22 is an autoimmunity gene. <i>Arthritis and Rheumatism</i> , 2005, 52, 1694-1699.	6.7	266
3	Mutation screening of the macrophage migration inhibitory factor gene: Positive association of a functional polymorphism of macrophage migration inhibitory factor with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2002, 46, 2402-2409.	6.7	242
4	Correlation of rheumatoid arthritis severity with the genetic functional variants and circulating levels of macrophage migration inhibitory factor. <i>Arthritis and Rheumatism</i> , 2005, 52, 3020-3029.	6.7	203
5	Functional and prognostic relevance of the ~ 173 polymorphism of the macrophage migration inhibitory factor gene in systemic-onset juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2003, 48, 1398-1407.	6.7	173
6	Glucocorticoid Sensitivity Is Determined by a Specific Glucocorticoid Receptor Haplotype. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 892-897.	3.6	163
7	A meta-analysis of European and Asian cohorts reveals a global role of a functional SNP in the 5' UTR of GDF5 with osteoarthritis susceptibility. <i>Human Molecular Genetics</i> , 2008, 17, 1497-1504.	2.9	156
8	A functional promoter haplotype of macrophage migration inhibitory factor is linked and associated with juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1604-1610.	6.7	124
9	Ligand modulation of REV-ERB β function resets the peripheral circadian clock in a phasic manner. <i>Journal of Cell Science</i> , 2008, 121, 3629-3635.	2.0	110
10	Macrophage Migration Inhibitory Factor Gene Polymorphism is Associated with Psoriasis. <i>Journal of Investigative Dermatology</i> , 2004, 123, 484-487.	0.7	74
11	Impact of early disease factors on metabolic syndrome in systemic lupus erythematosus: data from an international inception cohort. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1530-1536.	0.9	70
12	Linkage and association studies of single-nucleotide polymorphism-tagged tumor necrosis factor haplotypes in juvenile oligoarthritis. <i>Arthritis and Rheumatism</i> , 2002, 46, 3304-3311.	6.7	66
13	Autoinflammatory genes and susceptibility to psoriatic juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 2142-2146.	6.7	64
14	Use of gene expression profiling to identify a novel glucocorticoid sensitivity determining gene, BMPRII. <i>FASEB Journal</i> , 2007, 21, 402-414.	0.5	63
15	Genetic variations in ZFP36 and their possible relationship to autoimmune diseases. <i>Journal of Autoimmunity</i> , 2006, 26, 182-196.	6.5	51
16	Human Macrophage Migration Inhibitory Factor. <i>Journal of Biological Chemistry</i> , 2006, 281, 29641-29651.	3.4	50
17	Ultradian Cortisol Pulsatility Encodes a Distinct, Biologically Important Signal. <i>PLoS ONE</i> , 2011, 6, e15766.	2.5	44
18	Macrophage migration inhibitory factor gene polymorphism is associated with sarcoidosis in biopsy proven erythema nodosum. <i>Journal of Rheumatology</i> , 2002, 29, 1671-3.	2.0	44

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19	Improvements in Diabetic Neuropathy and Nephropathy After Bariatric Surgery: a Prospective Cohort Study. <i>Obesity Surgery</i> , 2021, 31, 554-563.	2.1	43
20	Wnt-1-inducible signaling pathway protein 3 and susceptibility to juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2005, 52, 3548-3553.	6.7	40
21	Hypercholesterolaemia – practical information for non-specialists. <i>Archives of Medical Science</i> , 2018, 1, 1-21.	0.9	39
22	Juvenile idiopathic arthritis genetics - what's new? What's next?. <i>Arthritis Research</i> , 2002, 4, 302.	2.0	38
23	Subtyping of juvenile idiopathic arthritis using latent class analysis. <i>Arthritis and Rheumatism</i> , 2000, 43, 1496-1503.	6.7	33
24	Glucocorticoid receptor gene polymorphisms and susceptibility to rheumatoid arthritis. <i>Clinical Endocrinology</i> , 2007, 67, 342-345.	2.4	33
25	The Methyltransferase WBSCR22/Merm1 Enhances Glucocorticoid Receptor Function and Is Regulated in Lung Inflammation and Cancer. <i>Journal of Biological Chemistry</i> , 2014, 289, 8931-8946.	3.4	32
26	Genetic loci contributing to hemophagocytic lymphohistiocytosis do not confer susceptibility to systemic-onset juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 869-874.	6.7	31
27	Evidence for linkage of HLA loci in juvenile idiopathic oligoarthritis: Independent effects of HLA-A and HLA-DRB1. <i>Arthritis and Rheumatism</i> , 2002, 46, 2716-2720.	6.7	25
28	Association of the macrophage migration inhibitory factor $\alpha^{*173}C$ allele with childhood nephrotic syndrome. <i>Pediatric Nephrology</i> , 2008, 23, 743-748.	1.7	25
29	Positive association of SLC26A2 gene polymorphisms with susceptibility to systemic-onset juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 1286-1291.	6.7	23
30	Hypoxia and glucocorticoid signaling converge to regulate macrophage migration inhibitory factor gene expression. <i>Arthritis and Rheumatism</i> , 2009, 60, 2220-2231.	6.7	22
31	Effect of Extended-Release Niacin on High-Density Lipoprotein (HDL) Functionality, Lipoprotein Metabolism, and Mediators of Vascular Inflammation in Statin-Treated Patients. <i>Journal of the American Heart Association</i> , 2015, 4, e001508.	3.7	21
32	Identification of a novel cell type-specific intronic enhancer of macrophage migration inhibitory factor (MIF) and its regulation by mithramycin. <i>Clinical and Experimental Immunology</i> , 2011, 163, 178-188.	2.6	20
33	Autoinflammatory gene polymorphisms and susceptibility to UK juvenile idiopathic arthritis. <i>Pediatric Rheumatology</i> , 2013, 11, 14.	2.1	18
34	Pediatric perspective on pharmacogenomics. <i>Pharmacogenomics</i> , 2013, 14, 1889-1905.	1.3	18
35	Data Independent Acquisition Mass Spectrometry Can Identify Circulating Proteins That Predict Future Weight Loss with a Diet and Exercise Programme. <i>Journal of Clinical Medicine</i> , 2019, 8, 141.	2.4	17
36	Efficacy and safety of PCSK9 monoclonal antibodies. <i>Expert Opinion on Drug Safety</i> , 2019, 18, 1191-1201.	2.4	16

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37	Bariatric surgery as a model to explore the basis and consequences of the Reaven hypothesis: Small, dense low-density lipoprotein and interleukin-6. <i>Diabetes and Vascular Disease Research</i> , 2019, 16, 144-152.	2.0	16
38	Macrophage migration inhibitory factor polymorphisms do not predict therapeutic response to glucocorticoids or to tumour necrosis factor α -neutralising treatments in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2007, 66, 1525-1530.	0.9	13
39	Effect of bariatric surgery on plasma levels of oxidised phospholipids, biomarkers of oxidised LDL and lipoprotein(a). <i>Journal of Clinical Lipidology</i> , 2021, 15, 320-331.	1.5	13
40	Regulation of glucocorticoid receptor gamma (GR γ) by glucocorticoid receptor haplotype and glucocorticoid. <i>Clinical Endocrinology</i> , 2004, 61, 327-331.	2.4	12
41	Insulin-like growth factor-II and insulin-like growth factor binding protein-2 prospectively predict longitudinal elevation of HDL-cholesterol in type 2 diabetes. <i>Annals of Clinical Biochemistry</i> , 2014, 51, 468-475.	1.6	12
42	Corneal Keratocyte Density and Corneal Nerves Are Reduced in Patients With Severe Obesity and Improve After Bariatric Surgery. , 2021, 62, 20.		12
43	Network analysis identifies protein clusters of functional importance in juvenile idiopathic arthritis. <i>Arthritis Research and Therapy</i> , 2014, 16, R109.	3.5	11
44	Hypoxia regulates GR function through multiple mechanisms involving microRNAs 103 and 107. <i>Molecular and Cellular Endocrinology</i> , 2020, 518, 111007.	3.2	11
45	Androgen receptor-reduced sensitivity is associated with increased mortality and poorer glycaemia in men with type 2 diabetes mellitus: a prospective cohort study. <i>Cardiovascular Endocrinology and Metabolism</i> , 2021, 10, 37-44.	1.1	11
46	Mannose-binding protein genotypes and recurrent infection. <i>Lancet</i> , The, 1995, 346, 1629-1631.	13.7	9
47	Changes in PCSK 9 and apolipoprotein B100 in Niemann-Pick disease after enzyme replacement therapy with olipudase alfa. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 107.	2.7	9
48	No evidence for genetic association of interferon regulatory factor 1 in juvenile idiopathic arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 972-976.	6.7	8
49	Network analysis and juvenile idiopathic arthritis (JIA): a new horizon for the understanding of disease pathogenesis and therapeutic target identification. <i>Pediatric Rheumatology</i> , 2016, 14, 40.	2.1	8
50	Socioeconomic Deprivation as Measured by the Index of Multiple Deprivation and Its Association with Low Sex Hormone Binding Globulin in Women. <i>The Open Biochemistry Journal</i> , 2017, 11, 1-7.	0.5	8
51	Lifestyle intervention in individuals with impaired glucose regulation affects Caveolin-1 expression and DNA methylation. <i>Adipocyte</i> , 2020, 9, 96-107.	2.8	7
52	Changes in the Proteome Profile of People Achieving Remission of Type 2 Diabetes after Bariatric Surgery. <i>Journal of Clinical Medicine</i> , 2021, 10, 3659.	2.4	6
53	Relationship between the Plasma Proteome and Changes in Inflammatory Markers after Bariatric Surgery. <i>Cells</i> , 2021, 10, 2798.	4.1	6
54	Bariatric Surgery-induced High-density Lipoprotein Functionality Enhancement Is Associated With Reduced Inflammation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2182-2194.	3.6	6

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55	Lack of association between juvenile idiopathic arthritis and fas gene polymorphism. Journal of Rheumatology, 2002, 29, 166-8.	2.0	5
56	Assessment of global long interspersed nucleotide element (LINE-1) DNA methylation in a longitudinal cohort of type 2 diabetes mellitus (T2 DM) individuals. International Journal of Clinical Practice, 2019, 73, e13270.	1.7	4
57	Glycated apolipoprotein B decreases after bariatric surgery in people with and without diabetes: A potential contribution to reduction in cardiovascular risk. Atherosclerosis, 2022, 346, 10-17.	0.8	4
58	Bariatric Surgery Leads to a Reduction in Antibodies to Apolipoprotein A-1: a Prospective Cohort Study. Obesity Surgery, 2022, 32, 355-364.	2.1	3
59	Genetically defined favourable adiposity is not associated with a clinically meaningful difference in clinical course in people with type 2 diabetes but does associate with a favourable metabolic profile. Diabetic Medicine, 2021, 38, e14531.	2.3	1
60	Macrophage Migration Inhibitory Factor (MIF). , 2006, , 191-205.		1
61	Etiology and pathogenesis of juvenile idiopathic arthritis. , 2015, , 845-850.		1
62	Glucocorticoid sensitivity: pathology, mutations and clinical implications. Expert Review of Endocrinology and Metabolism, 2006, 1, 403-412.	2.4	0
63	MIF Alleles in Inflammatory Arthritis. , 2007, , 277-292.		0
64	Methylation Status of Exon IV of the Brain-Derived Neurotrophic Factor (BDNF)-Encoding Gene in Patients with Non-Diabetic Hyperglycaemia (NDH) before and after a Lifestyle Intervention. Epigenomes, 2022, 6, 7.	1.8	0