

Chantal Mathieu

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673
papers

37,799
citations

95
h-index

172
g-index

750
ext. papers

44,062
ext. citations

6
avg, IF

7.34
L-index

#	Paper	IF	Citations
673	Management of Hyperglycemia in Type 2 Diabetes, 2018. A Consensus Report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2018 , 41, 2669-2701	14.6	1307
672	Vitamin D and human health: lessons from vitamin D receptor null mice. <i>Endocrine Reviews</i> , 2008 , 29, 726-76	27.2	1172
671	Clinical Targets for Continuous Glucose Monitoring Data Interpretation: Recommendations From the International Consensus on Time in Range. <i>Diabetes Care</i> , 2019 , 42, 1593-1603	14.6	998
670	An overview of real-time quantitative PCR: applications to quantify cytokine gene expression. <i>Methods</i> , 2001 , 25, 386-401	4.6	979
669	Insulin needs after CD3-antibody therapy in new-onset type 1 diabetes. <i>New England Journal of Medicine</i> , 2005 , 352, 2598-608	59.2	874
668	Albiglutide and cardiovascular outcomes in patients with type 2 diabetes and cardiovascular disease (Harmony Outcomes): a double-blind, randomised placebo-controlled trial. <i>Lancet, The</i> , 2018 , 392, 1519-1529	40	771
667	Vitamin D: modulator of the immune system. <i>Current Opinion in Pharmacology</i> , 2010 , 10, 482-96	5.1	770
666	Management of hyperglycaemia in type 2 diabetes, 2018. A consensus report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2018 , 61, 2461-2498	10.3	656
665	Immunoregulation by 1,25-dihydroxyvitamin D3: basic concepts. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2005 , 97, 93-101	5.1	632
664	Quantification of murine cytokine mRNAs using real time quantitative reverse transcriptase PCR. <i>Cytokine</i> , 1999 , 11, 305-12	4	509
663	2019 Update to: Management of Hyperglycemia in Type 2 Diabetes, 2018. A Consensus Report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetes Care</i> , 2020 , 43, 487-493	14.6	483
662	A novel pathway combining calreticulin exposure and ATP secretion in immunogenic cancer cell death. <i>EMBO Journal</i> , 2012 , 31, 1062-79	13	474
661	Initiation and execution of lipotoxic ER stress in pancreatic beta-cells. <i>Journal of Cell Science</i> , 2008 , 121, 2308-18	5.3	449
660	Vitamin D and diabetes. <i>Diabetologia</i> , 2005 , 48, 1247-57	10.3	429
659	Leaf mitochondria modulate whole cell redox homeostasis, set antioxidant capacity, and determine stress resistance through altered signaling and diurnal regulation. <i>Plant Cell</i> , 2003 , 15, 1212-26	11.6	424
658	Prevention of autoimmune diabetes in NOD mice by 1,25 dihydroxyvitamin D3. <i>Diabetologia</i> , 1994 , 37, 552-8	10.3	365
657	The coming of age of 1,25-dihydroxyvitamin D(3) analogs as immunomodulatory agents. <i>Trends in Molecular Medicine</i> , 2002 , 8, 174-9	11.5	361

656	Interleukin-17 orchestrates the granulocyte influx into airways after allergen inhalation in a mouse model of allergic asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2003 , 28, 42-50	5.7	325
655	Vitamin D deficiency is highly prevalent in COPD and correlates with variants in the vitamin D-binding gene. <i>Thorax</i> , 2010 , 65, 215-20	7.3	308
654	Differentiation of Diabetes by Pathophysiology, Natural History, and Prognosis. <i>Diabetes</i> , 2017 , 66, 241-255	25.5	292
653	Monocytes from type 2 diabetic patients have a pro-inflammatory profile. 1,25-Dihydroxyvitamin D(3) works as anti-inflammatory. <i>Diabetes Research and Clinical Practice</i> , 2007 , 77, 47-57	7.4	281
652	Insulin degludec versus insulin glargine in insulin-naive patients with type 2 diabetes: a 1-year, randomized, treat-to-target trial (BEGIN Once Long). <i>Diabetes Care</i> , 2012 , 35, 2464-71	14.6	263
651	Hypoglycaemia risk with insulin degludec compared with insulin glargine in type 2 and type 1 diabetes: a pre-planned meta-analysis of phase 3 trials. <i>Diabetes, Obesity and Metabolism</i> , 2013 , 15, 175-84	6.7	259
650	High doses of vitamin D to reduce exacerbations in chronic obstructive pulmonary disease: a randomized trial. <i>Annals of Internal Medicine</i> , 2012 , 156, 105-14	8	252
649	Prevalence and impact on quality of life of peripheral neuropathy with or without neuropathic pain in type 1 and type 2 diabetic patients attending hospital outpatients clinics. <i>Diabetes and Metabolism</i> , 2009 , 35, 206-13	5.4	249
648	Four-year metabolic outcome of a randomised controlled CD3-antibody trial in recent-onset type 1 diabetic patients depends on their age and baseline residual beta cell mass. <i>Diabetologia</i> , 2010 , 53, 614-23	19.3	248
647	Efficacy and safety of canagliflozin in patients with type 2 diabetes mellitus inadequately controlled with metformin and sulphonylurea: a randomised trial. <i>International Journal of Clinical Practice</i> , 2013 , 67, 1267-82	2.9	245
646	The use of real-time reverse transcriptase PCR for the quantification of cytokine gene expression. <i>Journal of Biomolecular Techniques</i> , 2003 , 14, 33-43	1.1	238
645	2019 update to: Management of hyperglycaemia in type 2 diabetes, 2018. A consensus report by the American Diabetes Association (ADA) and the European Association for the Study of Diabetes (EASD). <i>Diabetologia</i> , 2020 , 63, 221-228	10.3	235
644	Vitamin D: a pleiotropic hormone. <i>Kidney International</i> , 2010 , 78, 140-5	9.9	216
643	Survival benefits of intensive insulin therapy in critical illness: impact of maintaining normoglycemia versus glycemia-independent actions of insulin. <i>Diabetes</i> , 2006 , 55, 1096-105	0.9	215
642	Deficient mineralization of intramembranous bone in vitamin D-24-hydroxylase-ablated mice is due to elevated 1,25-dihydroxyvitamin D and not to the absence of 24,25-dihydroxyvitamin D. <i>Endocrinology</i> , 2000 , 141, 2658-66	4.8	204
641	Sexual dysfunction in women with type 1 diabetes: a controlled study. <i>Diabetes Care</i> , 2002 , 25, 672-7	14.6	195
640	Identification and immune regulation of 25-hydroxyvitamin D-1-alpha-hydroxylase in murine macrophages. <i>Clinical and Experimental Immunology</i> , 2000 , 120, 139-46	6.2	194
639	1,25-Dihydroxyvitamin D3 prevents insulinitis in NOD mice. <i>Diabetes</i> , 1992 , 41, 1491-5	0.9	194

638	Optimal vitamin D status: a critical analysis on the basis of evidence-based medicine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E1283-304	5.6	191
637	Metabolic, endocrine, and immune effects of stress hyperglycemia in a rabbit model of prolonged critical illness. <i>Endocrinology</i> , 2003 , 144, 5329-38	4.8	189
636	ROS-induced autophagy in cancer cells assists in evasion from determinants of immunogenic cell death. <i>Autophagy</i> , 2013 , 9, 1292-307	10.2	187
635	Lateral Quantization of Spin Waves in Micron Size Magnetic Wires. <i>Physical Review Letters</i> , 1998 , 81, 3968-3971	11.80	180
634	Association of Adipose Tissue Inflammation With Histologic Severity of Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2015 , 149, 635-48.e14	13.3	179
633	The effectiveness of hysteroscopy in improving pregnancy rates in subfertile women without other gynaecological symptoms: a systematic review. <i>Human Reproduction Update</i> , 2010 , 16, 1-11	15.8	179
632	Analysis of self-antigen specificity of islet-infiltrating T cells from human donors with type 1 diabetes. <i>Nature Medicine</i> , 2016 , 22, 1482-1487	50.5	178
631	The vitamin D receptor gene FokI polymorphism: functional impact on the immune system. <i>European Journal of Immunology</i> , 2007 , 37, 395-405	6.1	177
630	Vitamin D and diabetes. <i>Endocrinology and Metabolism Clinics of North America</i> , 2010 , 39, 419-46, table of contents	5.5	175
629	Efficacy and safety of dapagliflozin in patients with inadequately controlled type 1 diabetes (DEPICT-1): 24 week results from a multicentre, double-blind, phase 3, randomised controlled trial. <i>Lancet Diabetes and Endocrinology</i> , 2017 , 5, 864-876	18.1	174
628	Immune regulation of 25-hydroxyvitamin-D3-1alpha-hydroxylase in human monocytes. <i>Journal of Bone and Mineral Research</i> , 2006 , 21, 37-47	6.3	171
627	IL-1beta and IFN-gamma induce the expression of diverse chemokines and IL-15 in human and rat pancreatic islet cells, and in islets from pre-diabetic NOD mice. <i>Diabetologia</i> , 2003 , 46, 255-66	10.3	165
626	Vitamin D deficiency in early life accelerates Type 1 diabetes in non-obese diabetic mice. <i>Diabetologia</i> , 2004 , 47, 451-462	10.3	164
625	Efficacy and safety of insulin degludec in a flexible dosing regimen vs insulin glargine in patients with type 1 diabetes (BEGIN: Flex T1): a 26-week randomized, treat-to-target trial with a 26-week extension. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 1154-62	5.6	161
624	Vitamin D and type 1 diabetes mellitus: state of the art. <i>Trends in Endocrinology and Metabolism</i> , 2005 , 16, 261-6	8.8	161
623	1,25-Dihydroxyvitamin D3 modulates expression of chemokines and cytokines in pancreatic islets: implications for prevention of diabetes in nonobese diabetic mice. <i>Endocrinology</i> , 2005 , 146, 1956-64	4.8	159
622	Prevalence and predictors of sexual dysfunction in patients with type 1 diabetes. <i>Diabetes Care</i> , 2003 , 26, 409-14	14.6	158
621	Redirection of human autoreactive T-cells Upon interaction with dendritic cells modulated by TX527, an analog of 1,25 dihydroxyvitamin D(3). <i>Diabetes</i> , 2002 , 51, 2119-25	0.9	158

620	Human T lymphocytes are direct targets of 1,25-dihydroxyvitamin D3 in the immune system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010 , 121, 221-7	5.1	149
619	Cellular islet autoimmunity associates with clinical outcome of islet cell transplantation. <i>PLoS ONE</i> , 2008 , 3, e2435	3.7	148
618	Vitamin D3 Induces Tolerance in Human Dendritic Cells by Activation of Intracellular Metabolic Pathways. <i>Cell Reports</i> , 2015 , 10, 711-725	10.6	147
617	Correlation between beta cell mass and glycemic control in type 1 diabetic recipients of islet cell graft. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 17444-9	11.5	146
616	Vitamin D and cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2006 , 102, 156-62	5.1	144
615	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes (the DEPICT-2 Study): 24-Week Results From a Randomized Controlled Trial. <i>Diabetes Care</i> , 2018 , 41, 1938-1946	14.6	141
614	International Consensus on Risk Management of Diabetic Ketoacidosis in Patients With Type 1 Diabetes Treated With Sodium-Glucose Cotransporter (SGLT) Inhibitors. <i>Diabetes Care</i> , 2019 , 42, 1147-1154	14.6	138
613	A comparison of adding liraglutide versus a single daily dose of insulin aspart to insulin degludec in subjects with type 2 diabetes (BEGIN: VICTOZA ADD-ON). <i>Diabetes, Obesity and Metabolism</i> , 2014 , 16, 636-44	6.7	138
612	Vitamin D beyond bones in chronic obstructive pulmonary disease: time to act. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 179, 630-6	10.2	138
611	Monocyte chemoattractant protein-1 is expressed in pancreatic islets from prediabetic NOD mice and in interleukin-1 beta-exposed human and rat islet cells. <i>Diabetologia</i> , 2001 , 44, 325-32	10.3	137
610	1alpha,25-dihydroxyvitamin D3 induces an autoantigen-specific T-helper 1/T-helper 2 immune shift in NOD mice immunized with GAD65 (p524-543). <i>Diabetes</i> , 2000 , 49, 1301-7	0.9	136
609	Reversal of autoimmune diabetes by restoration of antigen-specific tolerance using genetically modified <i>Lactococcus lactis</i> in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 1717-25	15.9	136
608	Vitamin D and diabetes: its importance for beta cell and immune function. <i>Molecular and Cellular Endocrinology</i> , 2011 , 347, 106-20	4.4	134
607	Prevention of type I diabetes in NOD mice by nonhypercalcemic doses of a new structural analog of 1,25-dihydroxyvitamin D3, KH1060. <i>Endocrinology</i> , 1995 , 136, 866-72	4.8	132
606	Toll-like receptor 3 and STAT-1 contribute to double-stranded RNA+ interferon-gamma-induced apoptosis in primary pancreatic beta-cells. <i>Journal of Biological Chemistry</i> , 2005 , 280, 33984-91	5.4	131
605	Efficacy and Safety of Liraglutide Added to Insulin Treatment in Type 1 Diabetes: The ADJUNCT ONE Treat-To-Target Randomized Trial. <i>Diabetes Care</i> , 2016 , 39, 1702-10	14.6	126
604	Sensor-augmented pump therapy lowers HbA(1c) in suboptimally controlled Type 1 diabetes; a randomized controlled trial. <i>Diabetic Medicine</i> , 2011 , 28, 1158-67	3.5	125
603	In vitro and in vivo analysis of the immune system of vitamin D receptor knockout mice. <i>Journal of Bone and Mineral Research</i> , 2001 , 16, 2057-65	6.3	119

602	1,25-Dihydroxyvitamin D3 curtails the inflammatory and T cell stimulatory capacity of macrophages through an IL-10-dependent mechanism. <i>Immunobiology</i> , 2012 , 217, 1292-300	3.4	117
601	Endometrial and peritoneal expression of aromatase, cytokines, and adhesion factors in women with endometriosis. <i>Fertility and Sterility</i> , 2008 , 89, 301-10	4.8	117
600	STAT1 is a master regulator of pancreatic {beta}-cell apoptosis and islet inflammation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 929-41	5.4	116
599	Fast-Acting Insulin Aspart Improves Glycemic Control in Basal-Bolus Treatment for Type 1 Diabetes: Results of a 26-Week Multicenter, Active-Controlled, Treat-to-Target, Randomized, Parallel-Group Trial (onset 1). <i>Diabetes Care</i> , 2017 , 40, 943-950	14.6	115
598	Early up-regulation of Th2 cytokines and late surge of Th1 cytokines in an atopic dermatitis model. <i>Clinical and Experimental Immunology</i> , 2004 , 138, 375-87	6.2	115
597	Lack of respiratory chain complex I impairs alternative oxidase engagement and modulates redox signaling during elicitor-induced cell death in tobacco. <i>Plant Cell</i> , 2007 , 19, 640-55	11.6	114
596	Polymorphisms in innate immunity genes predispose to bacteremia and death in the medical intensive care unit. <i>Critical Care Medicine</i> , 2009 , 37, 192-201, e1-3	1.4	113
595	Citrullinated glucose-regulated protein 78 is an autoantigen in type 1 diabetes. <i>Diabetes</i> , 2015 , 64, 573-86	9	111
594	1alpha,25-dihydroxyvitamin D3 or analogue treated dendritic cells modulate human autoreactive T cells via the selective induction of apoptosis. <i>Journal of Autoimmunity</i> , 2004 , 23, 233-9	15.5	111
593	Prevention of experimental colitis in SCID mice reconstituted with CD45RBhigh CD4+ T cells by blocking the CD40-CD154 interactions. <i>Journal of Immunology</i> , 2000 , 164, 6005-14	5.3	111
592	Increased peritoneal and endometrial gene expression of biologically relevant cytokines and growth factors during the menstrual phase in women with endometriosis. <i>Fertility and Sterility</i> , 2006 , 85, 1667-75	4.8	110
591	Efficacy and Safety of Dapagliflozin in Patients With Inadequately Controlled Type 1 Diabetes: The DEPICT-1 52-Week Study. <i>Diabetes Care</i> , 2018 , 41, 2552-2559	14.6	109
590	Restriction of interferon gamma responsiveness and basal expression of the myeloid human Fc gamma R1b gene is mediated by a functional PU.1 site and a transcription initiator consensus. <i>Journal of Experimental Medicine</i> , 1994 , 179, 1985-96	16.6	108
589	Insulin degludec, an ultra-long-acting basal insulin, once a day or three times a week versus insulin glargine once a day in patients with type 2 diabetes: a 16-week, randomised, open-label, phase 2 trial. <i>Lancet, The</i> , 2011 , 377, 924-31	40	107
588	Anisotropic magnetic coupling of permalloy micron dots forming a square lattice. <i>Applied Physics Letters</i> , 1997 , 70, 2912-2914	3.4	106
587	Direct detection of radicals in intact soybean nodules: presence of nitric oxide-leghemoglobin complexes. <i>Free Radical Biology and Medicine</i> , 1998 , 24, 1242-9	7.8	106
586	Posttransplantation diabetes mellitus in FK-506-treated renal transplant recipients: analysis of incidence and risk factors. <i>Transplantation</i> , 2001 , 72, 1655-61	1.8	104
585	Oral delivery of glutamic acid decarboxylase (GAD)-65 and IL10 by <i>Lactococcus lactis</i> reverses diabetes in recent-onset NOD mice. <i>Diabetes</i> , 2014 , 63, 2876-87	0.9	103

584	The vitamin D analog, TX527, promotes a human CD4+CD25highCD127low regulatory T cell profile and induces a migratory signature specific for homing to sites of inflammation. <i>Journal of Immunology</i> , 2011 , 186, 132-42	5.3	102
583	Maternal obesity in Europe: where do we stand and how to move forward?: A scientific paper commissioned by the European Board and College of Obstetrics and Gynaecology (EBCOG). <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2016 , 201, 203-8	2.4	102
582	The incidence of type 1 diabetes in the age group 0-39 years has not increased in Antwerp (Belgium) between 1989 and 2000: evidence for earlier disease manifestation. <i>Diabetes Care</i> , 2002 , 25, 840-6	14.6	101
581	Death protein 5 and p53-upregulated modulator of apoptosis mediate the endoplasmic reticulum stress-mitochondrial dialog triggering lipotoxic rodent and human β cell apoptosis. <i>Diabetes</i> , 2012 , 61, 2763-75	0.9	100
580	Prevention of type I diabetes in nonobese diabetic mice by late intervention with nonhypercalcemic analogs of 1,25-dihydroxyvitamin D3 in combination with a short induction course of cyclosporin A. <i>Endocrinology</i> , 1998 , 139, 95-102	4.8	98
579	Efficacy and Safety of Liraglutide Added to Capped Insulin Treatment in Subjects With Type 1 Diabetes: The ADJUNCT TWO Randomized Trial. <i>Diabetes Care</i> , 2016 , 39, 1693-701	14.6	98
578	Oxidative stress occurs during soybean nodule senescence. <i>Planta</i> , 1999 , 208, 73-79	4.7	95
577	Insulin analogues in type 1 diabetes mellitus: getting better all the time. <i>Nature Reviews Endocrinology</i> , 2017 , 13, 385-399	15.2	94
576	Regulation of Immune Function by Vitamin D and Its Use in Diseases of Immunity. <i>Endocrinology and Metabolism Clinics of North America</i> , 2017 , 46, 1061-1094	5.5	94
575	The leukemia-associated gene MDS1/EVI1 is a new type of GATA-binding transactivator. <i>Leukemia</i> , 1997 , 11, 352-8	10.7	94
574	Analogues of 1,25-dihydroxyvitamin D3 as dose-reducing agents for classical immunosuppressants. <i>Transplantation</i> , 2000 , 69, 1932-42	1.8	93
573	Randomized, Double-Blind, Phase 3 Trial of Triple Therapy With Dapagliflozin Add-on to Saxagliptin Plus Metformin in Type 2 Diabetes. <i>Diabetes Care</i> , 2015 , 38, 2009-17	14.6	92
572	The microRNA-29 Family Dictates the Balance Between Homeostatic and Pathological Glucose Handling in Diabetes and Obesity. <i>Diabetes</i> , 2016 , 65, 53-61	0.9	92
571	Mechanisms in endocrinology: vitamin D as a potential contributor in endocrine health and disease. <i>European Journal of Endocrinology</i> , 2014 , 171, R101-10	6.5	92
570	Does vitamin D play a role in autoimmune endocrine disorders? A proof of concept. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2017 , 18, 335-346	10.5	91
569	Diabetes mellitus and female sexuality: a review of 25 years' research. <i>Diabetic Medicine</i> , 1998 , 15, 809-15	5.5	91
568	1,25-Dihydroxyvitamin D3 promotes tolerogenic dendritic cells with functional migratory properties in NOD mice. <i>Journal of Immunology</i> , 2014 , 192, 4210-20	5.3	89
567	Regulation of vitamin D homeostasis: implications for the immune system. <i>Nutrition Reviews</i> , 2008 , 66, S125-34	6.4	89

566	Steviol glycosides enhance pancreatic beta-cell function and taste sensation by potentiation of TRPM5 channel activity. <i>Nature Communications</i> , 2017 , 8, 14733	17.4	88
565	Mechanism and potential of the growth-inhibitory actions of vitamin D and ana-logs. <i>Current Medicinal Chemistry</i> , 2007 , 14, 1893-910	4.3	88
564	Vitamin D's Effect on Immune Function. <i>Nutrients</i> , 2020 , 12,	6.7	87
563	Decreased miR-181a expression in monocytes of obese patients is associated with the occurrence of metabolic syndrome and coronary artery disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1213-8	5.6	87
562	Disruption of the gamma-interferon signaling pathway at the level of signal transducer and activator of transcription-1 prevents immune destruction of beta-cells. <i>Diabetes</i> , 2005 , 54, 2396-403	0.9	87
561	Differences in baseline lymphocyte counts and autoreactivity are associated with differences in outcome of islet cell transplantation in type 1 diabetic patients. <i>Diabetes</i> , 2009 , 58, 2267-76	0.9	86
560	Cytokines tumor necrosis factor- α and interferon- γ induce pancreatic β cell apoptosis through STAT1-mediated Bim protein activation. <i>Journal of Biological Chemistry</i> , 2011 , 286, 39632-43	5.4	86
559	Air pollution related prothrombotic changes in persons with diabetes. <i>Environmental Health Perspectives</i> , 2010 , 118, 191-6	8.4	85
558	Vitamin D in autoimmune, infectious and allergic diseases: a vital player?. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011 , 25, 617-32	6.5	84
557	Double-stranded RNA induces pancreatic beta-cell apoptosis by activation of the toll-like receptor 3 and interferon regulatory factor 3 pathways. <i>Diabetes</i> , 2008 , 57, 1236-45	0.9	82
556	Effect of Continuous Glucose Monitoring on Glycemic Control, Acute Admissions, and Quality of Life: A Real-World Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018 , 103, 1224-1232	5.6	81
555	Factors Associated With Diabetes-Specific Health-Related Quality of Life in Youth With Type 1 Diabetes: The Global TEENS Study. <i>Diabetes Care</i> , 2017 , 40, 1002-1009	14.6	80
554	Prevention of autoimmune destruction of syngeneic islet grafts in spontaneously diabetic nonobese diabetic mice by a combination of a vitamin D3 analog and cyclosporine. <i>Transplantation</i> , 1998 , 65, 1225-32	1.8	80
553	Vitamin D insufficiency: implications for the immune system. <i>Pediatric Nephrology</i> , 2010 , 25, 1597-606	3.2	78
552	Differential protein pathways in 1,25-dihydroxyvitamin d(3) and dexamethasone modulated tolerogenic human dendritic cells. <i>Journal of Proteome Research</i> , 2012 , 11, 941-71	5.6	76
551	Blockade of CTLA-4 enhances allergic sensitization and eosinophilic airway inflammation in genetically predisposed mice. <i>European Journal of Immunology</i> , 2002 , 32, 585-94	6.1	76
550	Quality of Life and Glucose Control After 1 Year of Nationwide Reimbursement of Intermittently Scanned Continuous Glucose Monitoring in Adults Living With Type 1 Diabetes (FUTURE): A Prospective Observational Real-World Cohort Study. <i>Diabetes Care</i> , 2020 , 43, 389-397	14.6	76
549	Comparison of insulin degludec with insulin glargine in insulin-naive subjects with Type 2 diabetes: a 2-year randomized, treat-to-target trial. <i>Diabetic Medicine</i> , 2013 , 30, 1298-304	3.5	75

548	Deletion of the last two exons of the mitochondrial nad7 gene results in lack of the NAD7 polypeptide in a Nicotiana sylvestris CMS mutant. <i>Molecular Genetics and Genomics</i> , 1995 , 248, 79-88		75
547	Vitamin D signaling in immune-mediated disorders: Evolving insights and therapeutic opportunities. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 376-87	16.7	74
546	Vitamin D and 1,25-dihydroxyvitamin D3 as modulators in the immune system. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2004 , 89-90, 449-52	5.1	74
545	Targeting the NAD7 subunit to mitochondria restores a functional complex I and a wild type phenotype in the Nicotiana sylvestris CMS II mutant lacking nad7. <i>Journal of Biological Chemistry</i> , 2005 , 280, 25994-6001	5.4	74
544	Antitumor immunity triggered by melphalan is potentiated by melanoma cell surface-associated calreticulin. <i>Cancer Research</i> , 2015 , 75, 1603-14	10.1	73
543	The proapoptotic BH3-only proteins Bim and Puma are downstream of endoplasmic reticulum and mitochondrial oxidative stress in pancreatic islets in response to glucotoxicity. <i>Cell Death and Disease</i> , 2014 , 5, e1124	9.8	73
542	Vitamin D supplementation during rehabilitation in COPD: a secondary analysis of a randomized trial. <i>Respiratory Research</i> , 2012 , 13, 84	7.3	73
541	SARS-CoV-2 Receptor Angiotensin I-Converting Enzyme Type 2 (ACE2) Is Expressed in Human Pancreatic -Cells and in the Human Pancreas Microvasculature. <i>Frontiers in Endocrinology</i> , 2020 , 11, 596898	5.7	72
540	Vitamin D and diabetes: Where do we stand?. <i>Diabetes Research and Clinical Practice</i> , 2015 , 108, 201-9	7.4	70
539	The Vitamin D analogue TX 527 blocks NF-kappaB activation in peripheral blood mononuclear cells of patients with Crohn's disease. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2007 , 103, 51-60	5.1	69
538	Analogues of 1alpha,25-dihydroxyvitamin D3 as pluripotent immunomodulators. <i>Journal of Cellular Biochemistry</i> , 2003 , 88, 223-6	4.7	69
537	IA-2 autoantibodies predict impending type I diabetes in siblings of patients. <i>Diabetologia</i> , 2002 , 45, 1658-66	5.6	68
536	Inhibitory and stimulatory effects of cyclosporine A on the development of regulatory T cells in vivo. <i>Transplantation</i> , 2005 , 79, 1073-7	1.8	68
535	1,25-Dihydroxyvitamin D3 alters murine dendritic cell behaviour in vitro and in vivo. <i>Diabetes/Metabolism Research and Reviews</i> , 2011 , 27, 933-41	7.5	67
534	Immune regulation of 25-hydroxyvitamin D-1alpha-hydroxylase in human monocytic THP1 cells: mechanisms of interferon-gamma-mediated induction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3566-74	5.6	66
533	Proteomics analysis of cytokine-induced dysfunction and death in insulin-producing INS-1E cells: new insights into the pathways involved. <i>Molecular and Cellular Proteomics</i> , 2007 , 6, 2180-99	7.6	66
532	Regeneration of cytoplasmic male sterile protoclones of Nicotiana sylvestris with mitochondrial variations. <i>Current Genetics</i> , 1988 , 13, 261-266	2.9	66
531	Unaltered diabetes presentation in NOD mice lacking the vitamin D receptor. <i>Diabetes</i> , 2008 , 57, 269-75	0.9	65

530	Immunomodulatory effects of 1,25-dihydroxyvitamin D3. <i>Current Opinion in Nephrology and Hypertension</i> , 1995 , 4, 313-8	3.5	65
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