

CITATION REPORT

List of articles citing

Type 2 diabetes as an inflammatory disease

DOI: 10.1038/nri2925

Nature Reviews Immunology, 2011, 11, 98-107.

Source: <https://exaly.com/paper-pdf/51027288/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
2306	Beyond the hormone: insulin as an autoimmune target in type 1 diabetes. 2011 , 32, 623-69		53
2305	Elimination of the NLRP3-ASC inflammasome protects against chronic obesity-induced pancreatic damage. 2011 , 152, 4039-45		120
2304	Hyponatremia and antidiuresis syndrome. 2011 , 72, 500-12		23
2303	Interleukin-1 β inhibition and the prevention of recurrent cardiovascular events: rationale and design of the Canakinumab Anti-inflammatory Thrombosis Outcomes Study (CANTOS). 2011 , 162, 597-605		598
2302	Adipocyte NCoR knockout decreases PPAR β phosphorylation and enhances PPAR β activity and insulin sensitivity. 2011 , 147, 815-26		213
2301	Exploration of target molecules for molecular imaging of inflammatory bowel disease. 2011 , 410, 416-21		8
2300	IL-1 cytokine family members and NAFLD: neglected in metabolic liver inflammation. 2011 , 55, 960-2		28
2299	Targeting GPR120 and other fatty acid-sensing GPCRs ameliorates insulin resistance and inflammatory diseases. 2011 , 32, 543-50		194
2298	Role and clinical significance of lymphocyte mitochondrial dysfunction in type 2 diabetes mellitus. 2011 , 158, 344-59		36
2297	Morphological changes in the fast vs slow fiber profiles of the urethras of diabetic pregnant rats. 2011 , 25, 9		6
2296	Histone deacetylase inhibitors for treating a spectrum of diseases not related to cancer. 2011 , 17, 333-52		125
2295	Lipid Droplets and Very Low Density Lipoproteins; Their Relation to Insulin Resistance. 2011 ,		
2294	Macrophages, meta-inflammation, and immuno-metabolism. 2011 , 11, 2509-29		91
2293	Sucrose counteracts the anti-inflammatory effect of fish oil in adipose tissue and increases obesity development in mice. 2011 , 6, e21647		40
2292	Oral treatment with β -aminobutyric acid improves glucose tolerance and insulin sensitivity by inhibiting inflammation in high fat diet-fed mice. 2011 , 6, e25338		117
2291	Basic science for the clinician 51: the inflammasome. 2011 , 17, 338-42		
2290	Role of intestinal inflammation as an early event in obesity and insulin resistance. 2011 , 14, 328-33		105

2289	Heat shock response regulates insulin sensitivity and glucose homeostasis: pathophysiological impact and therapeutic potential. 2011 , 7, 264-9		20
2288	Potential pathogenic inflammatory mechanisms of endothelial dysfunction induced by type 2 diabetes mellitus. 2011 , 17, 4147-58		66
2287	Chronic inflammation links cardiovascular, metabolic and renal diseases. 2011 , 75, 2739-48		172
2286	The NLRP3 inflammasome in health and disease: the good, the bad and the ugly. 2011 , 166, 1-15		265
2285	Exaggerated neutrophil-mediated reperfusion injury after ischemic stroke in a rodent model of type 2 diabetes. 2011 , 18, 552-61		37
2284	Immunometabolism: an emerging frontier. <i>Nature Reviews Immunology</i> , 2011 , 11, 81	36.5	316
2283	The anti-inflammatory effects of exercise: mechanisms and implications for the prevention and treatment of disease. <i>Nature Reviews Immunology</i> , 2011 , 11, 607-15	36.5	1145
2282	New hope for type 2 diabetics: targeting insulin resistance through the immune modulation of stem cells. 2011 , 11, 137-42		24
2281	The gene encoding cyclooxygenase-2 is regulated by IL-1 β and prostaglandins in 832/13 rat insulinoma cells. 2011 , 271, 379-84		24
2280	Glucagon-like peptide-1 (GLP-1) receptor agonists, obesity and psoriasis: diabetes meets dermatology. 2011 , 54, 2741-4		33
2279	Impact of a probiotic fermented milk in the gut ecosystem and in the systemic immunity using a non-severe protein-energy-malnutrition model in mice. 2011 , 11, 64		51
2278	Parameter adaptations during phenotype transitions in progressive diseases. 2011 , 5, 174		20
2277	Transcriptomic profiles of peripheral white blood cells in type II diabetes and racial differences in expression profiles. 2011 , 12 Suppl 5, S12		7
2276	'Sensing' the link between type 1 and type 2 diabetes. 2011 , 27, 913-8		15
2275	Increased IL-1 β activation, the culprit not only for defective insulin secretion but also for insulin resistance?. 2011 , 21, 995-7		17
2274	The sphingolipid rheostat: a potential target for improving pancreatic islet survival and function. 2011 , 11, 262-72		26
2273	Aberrant accumulation of undifferentiated myeloid cells in the adipose tissue of CCR2-deficient mice delays improvements in insulin sensitivity. 2011 , 60, 2820-9		36
2272	A Retrospective on Nuclear Receptor Regulation of Inflammation: Lessons from GR and PPARs. 2011 , 2011, 742785		29

2271	Interleukin-1 and stroke: biomarker, harbinger of damage, and therapeutic target. 2011 , 32, 517-27	83
2270	Fats, inflammation and insulin resistance: insights to the role of macrophage and T-cell accumulation in adipose tissue. 2011 , 70, 408-17	168
2269	Can treatment of chronic inflammatory diseases reduce the risk of diabetes mellitus?. 2011 , 305, 2573-4	8
2268	Metabolic syndrome: is Nlrp3 inflammasome a trigger or a target of insulin resistance?. 2011 , 108, 1160-2	23
2267	Inflammation as a sensor of metabolic stress in obesity and type 2 diabetes. 2011 , 152, 4005-6	29
2266	Similarity of mouse perivascular and brown adipose tissues and their resistance to diet-induced inflammation. 2011 , 301, H1425-37	205
2265	Toll-like receptors 2 and 4 impair insulin-mediated brain activity by interleukin-6 and osteopontin and alter sleep architecture. 2012 , 26, 1799-809	31
2264	Role of transcription factor modifications in the pathogenesis of insulin resistance. 2012 , 2012, 716425	15
2263	High-glycemic index carbohydrates abrogate the antiobesity effect of fish oil in mice. 2012 , 302, E1097-112	32
2262	Gestational diabetes mellitus: a positive predictor of type 2 diabetes?. 2012 , 2012, 721653	8
2261	T cell immunity and cardiovascular metabolic disorders: does metabolism fuel inflammation?. 2012 , 3, 173	14
2260	Prevalence of diabetes mellitus in biopsy-positive giant cell arteritis. 2012 , 32, 202-6	14
2259	Molekulare Grundlagen des Zusammenhangs zwischen Krankheitsentstehung und Ernährung: Was kann die Grundlagenforschung für Prävention und Therapie leisten?. 2012 , 37, 277-281	1
2258	Strategies for enhancing progenitor cell mobilization and function in diabetes. 2012 , 10, 310-21	5
2257	Beneficial effects of immunotherapy with extracts derived from Actinomycetales on rats with spontaneous obesity and diabetes. 2012 , 4, 487-97	9
2256	Metabolic benefits of inhibiting cAMP-PDEs with resveratrol. 2012 , 1, 256-258	24
2255	Effects of gevokizumab on glycemia and inflammatory markers in type 2 diabetes. 2012 , 35, 1654-62	205
2254	Activation of natural killer T cells promotes M2 Macrophage polarization in adipose tissue and improves systemic glucose tolerance via interleukin-4 (IL-4)/STAT6 protein signaling axis in obesity. 2012 , 287, 13561-71	155

2253	Contraction-induced interleukin-6 gene transcription in skeletal muscle is regulated by c-Jun terminal kinase/activator protein-1. 2012 , 287, 10771-9	73
2252	O-GlcNAc transferase is involved in glucocorticoid receptor-mediated transrepression. 2012 , 287, 12904-12	33
2251	Circulating TNF receptors 1 and 2 predict ESRD in type 2 diabetes. 2012 , 23, 507-15	307
2250	Short term high fat diet challenge promotes alternative macrophage polarization in adipose tissue via natural killer T cells and interleukin-4. 2012 , 287, 24378-86	107
2249	Resolution of inflammation: therapeutic potential of pro-resolving lipids in type 2 diabetes mellitus and associated renal complications. 2012 , 3, 318	34
2248	Methotrexate Increases Skeletal Muscle GLUT4 Expression and Improves Metabolic Control in Experimental Diabetes. 2012 , 2012, 132056	14
2247	Roles of interleukin 17 in angiotensin II type 1 receptor-mediated insulin resistance. 2012 , 59, 493-9	34
2246	Peroxisome proliferator-activated receptor- β activation enhances insulin-stimulated glucose disposal by reducing ped/pea-15 gene expression in skeletal muscle cells: evidence for involvement of activator protein-1. 2012 , 287, 42951-61	14
2245	The role of peroxidation of mitochondrial membrane phospholipids in pancreatic β cell failure. 2012 , 8, 69-75	23
2244	Targeting the pain, inflammation and immune (PII) axis: plausible rationale for LLLT. 2012 , 1,	13
2243	Developing Phytochemicals from Medicinal Plants as Immunomodulators. 2012 , 62, 197-272	18
2242	The vagus nerve and the inflammatory reflex--linking immunity and metabolism. 2012 , 8, 743-54	459
2241	Tissue-specific insulin signaling, metabolic syndrome, and cardiovascular disease. 2012 , 32, 2052-9	228
2240	Peripheral signalling involved in energy homeostasis control. 2012 , 25, 223-48	45
2239	At the crossroad of T cells, adipose tissue, and diabetes. 2012 , 249, 116-34	34
2238	Determination of inflammatory and prominent proteomic changes in plasma and adipose tissue after high-intensity intermittent training in overweight and obese males. 2012 , 112, 1353-60	74
2237	SGLT2 inhibition in diabetes mellitus: rationale and clinical prospects. 2012 , 8, 495-502	283
2236	Genetic variation of IL-12B (+1188 region) is associated with its decreased circulating levels and susceptibility to Type 2 diabetes. 2012 , 6, 89-95	10

2235	Extracellular factors and immunosuppressive drugs influencing insulin secretion of murine islets. 2012 , 170, 238-47	10
2234	Metabolic stress, IAPP and islet amyloid. 2012 , 14 Suppl 3, 68-77	68
2233	Antidiabetic effects of rice hull smoke extract on glucose-regulating mechanism in type 2 diabetic mice. 2012 , 60, 7442-9	19
2232	The molecular mechanisms of pancreatic β cell glucotoxicity: recent findings and future research directions. 2012 , 364, 1-27	193
2231	NF- κ B, the first quarter-century: remarkable progress and outstanding questions. 2012 , 26, 203-34	1135
2230	Enhancement of 26S proteasome functionality connects oxidative stress and vascular endothelial inflammatory response in diabetes mellitus. 2012 , 32, 2131-40	44
2229	Effects of interleukin-1 inhibition with canakinumab on hemoglobin A1c, lipids, C-reactive protein, interleukin-6, and fibrinogen: a phase IIb randomized, placebo-controlled trial. 2012 , 126, 2739-48	374
2228	Biomarkers and immune-modulating therapies for type 2 diabetes. 2012 , 33, 546-53	33
2227	The cellular and signaling networks linking the immune system and metabolism in disease. 2012 , 18, 363-74	1084
2226	Helminth infection in populations undergoing epidemiological transition: a friend or foe?. 2012 , 34, 889-901	46
2225	Sustained delivery of IL-1Ra from pluronic F127-based thermosensitive gel prolongs its therapeutic potentials. 2012 , 29, 3475-85	47
2224	Identical LDL-cholesterol lowering but non-identical effects on NF- κ B activity: High dose simvastatin vs combination therapy with ezetimibe. 2012 , 223, 190-6	18
2223	Treizièmes Rencontres nationales des internes en endocrinologie, 30 septembre à 1 ^{er} octobre 2011. Résumé des internes. 2012 , 73, 3-11	
2222	Energy-sensing factors coactivator peroxisome proliferator-activated receptor γ coactivator 1- β (PGC-1 β) and AMP-activated protein kinase control expression of inflammatory mediators in liver: induction of interleukin 1 receptor antagonist. 2012 , 287, 1847-60	40
2221	Nocturnin: at the crossroads of clocks and metabolism. 2012 , 23, 326-33	54
2220	Diabetes mellitus and thrombosis. 2012 , 129, 371-7	141
2219	Effects of endurance exercise training, metformin, and their combination on adipose tissue leptin and IL-10 secretion in OLETF rats. 2012 , 113, 1873-83	42
2218	Autoimmunity in 2011. 2012 , 43, 194-206	18

2217	Nuclear factor kappa B (NF- κ B): a novel cause for diabetes, coronary artery disease and cancer initiation and promotion?. 2012 , 78, 29-32	36
2216	Intracellular metabolic pathways control immune tolerance. 2012 , 33, 1-7	53
2215	Stevioside ameliorates high-fat diet-induced insulin resistance and adipose tissue inflammation by downregulating the NF- κ B pathway. 2012 , 417, 1280-5	40
2214	High glucose concentrations alter the biomineralization process in human osteoblastic cells. 2012 , 50, 276-88	106
2213	Association of systemic inflammation markers with the presence and extent of coronary artery calcification. 2012 , 57, 251-7	26
2212	Interleukin-1 (IL-1) family of cytokines: role in type 2 diabetes. 2012 , 413, 1163-70	118
2211	The inflammasome puts obesity in the danger zone. 2012 , 15, 10-8	197
2210	p53-induced adipose tissue inflammation is critically involved in the development of insulin resistance in heart failure. 2012 , 15, 51-64	132
2209	Central nervous system mechanisms linking the consumption of palatable high-fat diets to the defense of greater adiposity. 2012 , 15, 137-49	84
2208	Saturated fatty acid and TLR signaling link β cell dysfunction and islet inflammation. 2012 , 15, 518-33	348
2207	A ceramide-centric view of insulin resistance. 2012 , 15, 585-94	422
2206	Evaluation of the effects of anthocyanins in type 2 diabetes. 2012 , 46, 378-386	122
2205	Gender-dependent association of type 2 diabetes with the vasoactive intestinal peptide receptor 1. 2012 , 493, 278-81	7
2204	Analysis of induction mechanisms of an insulin-inducible transcription factor SHARP-2 gene by (-)-epigallocatechin-3-gallate. 2012 , 60, 9850-5	4
2203	Association of dietary magnesium intake with radiographic knee osteoarthritis: results from a population-based study. 2012 , 64, 1306-11	17
2202	Bilberries reduce low-grade inflammation in individuals with features of metabolic syndrome. 2012 , 56, 1501-10	122
2201	Cytomegalovirus seropositivity is associated with glucose regulation in the oldest old. Results from the Leiden 85-plus Study. 2012 , 9, 18	43
2200	Roles of ceramide and sphingolipids in pancreatic β cell function and dysfunction. 2012 , 4, 177-87	103

2199	Systemic inflammation in childhood obesity: circulating inflammatory mediators and activated CD14++ monocytes. 2012 , 55, 2800-2810	80
2198	Tumor necrosis factor receptors: biology and therapeutic potential in kidney diseases. 2012 , 36, 261-70	74
2197	Molecular pathways linking metabolic inflammation and thermogenesis. 2012 , 13 Suppl 2, 69-82	14
2196	Discovery of a potent and selective GPR120 agonist. 2012 , 55, 4511-5	126
2195	Anti-inflammatory and anti-atherogenic properties of adiponectin. 2012 , 94, 2137-42	147
2194	Gene expression profiles displayed by peripheral blood mononuclear cells from patients with type 2 diabetes mellitus focusing on biological processes implicated on the pathogenesis of the disease. 2012 , 511, 151-60	40
2193	Is there a role for neuronal nitric oxide synthase (nNOS) in cytokine toxicity to pancreatic beta cells?. 2012 , 27, 235-41	11
2192	Confirmation of the "protein-traffic-hypothesis" and the "protein-localization-hypothesis" using the diabetes-mellitus-type-1-knock-in and transgenic-murine-models and the trepitope sequences. 2012 , 79, 519-21	
2191	The Potential of Epigenetic Compounds in Treating Diabetes. 2012 , 331-367	
2190	IL1 β induces mesenchymal stem cells migration and leucocyte chemotaxis through NF- κ B. 2012 , 8, 905-16	117
2189	Diet-induced diabetes in the sand rat (<i>Psammomys obesus</i>). 2012 , 933, 89-102	25
2188	Blocking interleukin-1 as a novel therapeutic strategy for secondary prevention of cardiovascular events. 2012 , 26, 217-33	53
2187	Inflammation-mediated changes in drug transporter expression/activity: implications for therapeutic drug response. 2012 , 5, 69-89	60
2186	Loss of regulator of G protein signaling 5 exacerbates obesity, hepatic steatosis, inflammation and insulin resistance. 2012 , 7, e30256	30
2185	Quercetin and allopurinol ameliorate kidney injury in STZ-treated rats with regulation of renal NLRP3 inflammasome activation and lipid accumulation. 2012 , 7, e38285	137
2184	The Role of NLR-related Protein 3 Inflammasome in Host Defense and Inflammatory Diseases. 2012 , 16, 2-12	54
2183	Expanding the clinical indications for α 1-antitrypsin therapy. 2012 , 18, 957-70	118
2182	Inflammatory markers and haptoglobin polymorphism in Saudi with non-insulin-dependent diabetes mellitus. 2012 , 5, 135-42	4

2181	Type-2 Diabetes and Associated Comorbidities as an Inflammatory Syndrome. 2012 , 159-175	1
2180	Indu de Diabetes Tipo 2 por dieta hiperlipica e baixa dose de estreptozotocina em ratas wistar. 2012 , 45, 436	8
2179	Estimating the geographical distribution of the prevalence of the metabolic syndrome in young Mexicans. 2012 , 6, S43-50	6
2178	Effect of Orally Administered Microencapsulated FA-Producing <i>L. fermentum</i> on Markers of Metabolic Syndrome: An In Vivo Analysis. 2012 , 01,	4
2177	Mitochondrial hormesis in pancreatic β cells: does uncoupling protein 2 play a role?. 2012 , 2012, 740849	15
2176	CHAPTER 12:CCR2 Antagonists for the Treatment of Diseases Associated with Inflammation. 2012 , 350-390	4
2175	Ritonavir-induced lipoatrophy and dyslipidaemia is reversed by the anti-inflammatory drug leflunomide in a PPAR- δ dependent manner. 2012 , 17, 669-78	14
2174	Treating inflammation by blocking interleukin-1 in a broad spectrum of diseases. 2012 , 11, 633-52	1160
2173	Interleukin-1 receptor antagonist: a new therapy for type 2 diabetes mellitus. 2012 , 101, 1647-58	96
2172	Gene expression of peripheral blood mononuclear cells as a tool in dietary intervention studies: What do we know so far?. 2012 , 56, 1160-72	120
2171	Innate immunity's path to the Nobel Prize 2011 and beyond. 2012 , 42, 1089-92	13
2170	Mechanisms of inflammatory responses in obese adipose tissue. 2012 , 32, 261-86	207
2169	Prostaglandins and chronic inflammation. 2012 , 33, 304-11	185
2168	Resistance to type 2 diabetes mellitus: a matter of hormesis?. 2011 , 8, 183-92	57
2167	Epigenetics: the missing link to understanding β cell dysfunction in the pathogenesis of type 2 diabetes. 2012 , 7, 841-52	85
2166	Immunomodulation at epithelial sites by obesity and metabolic disease. 2012 , 52, 182-99	28
2165	Genome-wide associated loci influencing interleukin (IL)-10, IL-1Ra, and IL-6 levels in African Americans. 2012 , 64, 351-9	25
2164	The potential role of glutamate in the current diabetes epidemic. 2012 , 49, 167-83	30

2163	Air pollution-associated procoagulant changes: the role of circulating microvesicles. 2012 , 10, 96-106	46
2162	Immunology in the Clinic Review Series; focus on metabolic diseases: development of islet autoimmune disease in type 2 diabetes patients: potential sequelae of chronic inflammation. 2012 , 167, 40-6	60
2161	Nrf2 deficiency in myeloid cells is not sufficient to protect mice from high-fat diet-induced adipose tissue inflammation and insulin resistance. 2012 , 52, 1708-15	37
2160	The many faces of Janus kinase. 2012 , 83, 1136-45	95
2159	Total synthesis and dual PPAR α agonist effects of amorphastilbol and its synthetic derivatives. 2012 , 22, 4122-6	17
2158	Molecular mechanisms of metabolic reprogramming in proliferating cells: implications for T-cell-mediated immunity. 2012 , 136, 363-9	54
2157	Replication and meta-analysis of the gene-environment interaction between body mass index and the interleukin-6 promoter polymorphism with higher insulin resistance. 2012 , 61, 667-71	14
2156	Depression and type 2 diabetes: inflammatory mechanisms of a psychoneuroendocrine co-morbidity. 2012 , 36, 658-76	169
2155	Blockade of kinin B(1) receptor reverses plasma fatty acids composition changes and body and tissue fat gain in a rat model of insulin resistance. 2012 , 14, 244-53	25
2154	Rapid multiplex high resolution melting method to analyze inflammatory related SNPs in preterm birth. 2012 , 5, 69	15
2153	Increased risk of diabetes following perianal abscess: a population-based follow-up study. 2013 , 28, 235-40	12
2152	The oral-systemic personalized medicine model at Marshfield Clinic. 2013 , 19, 1-17	19
2151	Chronic adipose tissue inflammation: all immune cells on the stage. 2013 , 19, 487-500	192
2150	Invariant natural killer T cells in adipose tissue: novel regulators of immune-mediated metabolic disease. 2013 , 70, 4711-27	21
2149	Galectin-3 deficiency accelerates high-fat diet-induced obesity and amplifies inflammation in adipose tissue and pancreatic islets. 2013 , 62, 1932-44	112
2148	Interleukin-1 receptor antagonist improves normoglycemia and insulin sensitivity in diabetic Goto-Kakizaki-rats. 2013 , 701, 87-95	35
2147	A review of the evidence for pathogenic mechanisms that may link periodontitis and diabetes. 2013 , 84, S113-34	99
2146	Innate sensors of pathogen and stress: linking inflammation to obesity. 2013 , 132, 287-94	142

2145	Adiposity and insulin resistance in humans: the role of the different tissue and cellular lipid depots. 2013 , 34, 463-500	156
2144	Thyroid hormone signaling and homeostasis during aging. 2013 , 34, 556-89	67
2143	Immunometabolism of AMPK in insulin resistance and atherosclerosis. 2013 , 366, 224-34	52
2142	The role of innate immune cells in obese adipose tissue inflammation and development of insulin resistance. 2013 , 109, 399-406	65
2141	MicroRNAs and metabolism crosstalk in energy homeostasis. 2013 , 18, 312-24	161
2140	Molecular links between Alzheimer's disease and diabetes mellitus. 2013 , 250, 140-50	132
2139	Targeting insulin resistance in type 2 diabetes via immune modulation of cord blood-derived multipotent stem cells (CB-SCs) in stem cell educator therapy: phase I/II clinical trial. 2013 , 11, 160	57
2138	How do elevated triglycerides and low HDL-cholesterol affect inflammation and atherothrombosis?. 2013 , 15, 400	88
2137	Distinct patterns of tissue-specific lipid accumulation during the induction of insulin resistance in mice by high-fat feeding. 2013 , 56, 1638-48	284
2136	Sirtuin 3 regulates mouse pancreatic beta cell function and is suppressed in pancreatic islets isolated from human type 2 diabetic patients. 2013 , 56, 1068-77	85
2135	Pathogenesis of feline diabetes. 2013 , 43, 221-31	14
2134	Serum 25-hydroxyvitamin D levels and incident diabetes mellitus type 2: a competing risk analysis in a large population-based cohort of older adults. 2013 , 28, 267-75	56
2133	Diminishing prognostic role of preexisting diabetes mellitus for patients with diffuse large B-cell lymphoma in the rituximab era. 2013 , 92, 1495-501	4
2132	Obesity, diabetes and periodontitis--a triangular relationship?. 2013 , 215, 35-9	38
2131	Obesity and hepatocellular carcinoma: targeting obesity-related inflammation for chemoprevention of liver carcinogenesis. 2013 , 35, 191-202	44
2130	Increased basal nitric oxide amplifies the association of inflammation with all-cause and cardiovascular mortality in prevalent hemodialysis patients. 2013 , 45, 1703-13	5
2129	Polar lipid derangements in type 2 diabetes mellitus: potential pathological relevance of fatty acyl heterogeneity in sphingolipids. 2013 , 9, 786-799	20
2128	Comorbidity: a multidimensional approach. 2013 , 19, 515-21	46

2127	Adipose Tissue and Cancer. 2013 ,	2
2126	Physiology and Physiopathology of Adipose Tissue. 2013 ,	4
2125	Muscle atrophy in aging and chronic diseases: is it sarcopenia or cachexia?. 2013 , 8, 553-60	36
2124	GPRC5B a putative glutamate-receptor candidate is negative modulator of insulin secretion. 2013 , 441, 643-648	25
2123	Metabolic inflammation: role of cytokines in the crosstalk between adipose tissue and liver. 2013 , 91, 867-72	47
2122	Cancer cachexia: malignant inflammation, tumorkines, and metabolic mayhem. 2013 , 24, 174-83	88
2121	Inflammatory cytokines and chemokines, skeletal muscle and polycystic ovary syndrome: effects of pioglitazone and metformin treatment. 2013 , 62, 1587-96	29
2120	Obesity and respiratory infections: does excess adiposity weigh down host defense?. 2013 , 26, 412-9	66
2119	Type 2 diabetes mellitus: a metabolic autoinflammatory disease. 2013 , 31, 495-506	16
2118	Rationale and design of the Cardiovascular Inflammation Reduction Trial: a test of the inflammatory hypothesis of atherothrombosis. 2013 , 166, 199-207.e15	276
2117	Molecular biology of atherosclerosis. 2013 , 93, 1317-542	312
2116	Treating inflammation by blocking interleukin-1 in humans. 2013 , 25, 469-84	348
2115	The role of the complement system in metabolic organs and metabolic diseases. 2013 , 25, 47-53	91
2114	NCOA5 haploinsufficiency results in glucose intolerance and subsequent hepatocellular carcinoma. 2013 , 24, 725-37	39
2113	Emerging understanding of roles for arterioles in inflammation. 2013 , 20, 679-92	8
2112	Adipose Natural Regulatory B Cells Negatively Control Adipose Tissue Inflammation. 2013 , 18, 759-766	145
2111	Immune cell-mediated inflammation and the early improvements in glucose metabolism after gastric banding surgery. 2013 , 56, 2564-72	17
2110	Obesity phenotype is related to NLRP3 inflammasome activity and immunological profile of visceral adipose tissue. 2013 , 56, 2487-97	152

2109	Tipping the inflammatory balance: inflammasome activation distinguishes metabolically unhealthy from healthy obesity. 2013 , 56, 2343-6	12
2108	The comorbidity between depression and diabetes. 2013 , 15, 390	29
2107	Angiogenesis and vascular functions in modulation of obesity, adipose metabolism, and insulin sensitivity. 2013 , 18, 478-89	190
2106	Variants of NLRP3 gene are associated with insulin resistance in Chinese Han population with type-2 diabetes. 2013 , 530, 151-4	34
2105	Meningeal and choroid plexus cells--novel drug targets for CNS disorders. 2013 , 1501, 32-55	31
2104	Inflammation in obesity and diabetes: islet dysfunction and therapeutic opportunity. 2013 , 17, 860-872	222
2103	An inactivated hepatitis C virus vaccine on the horizon?. 2013 , 145, 285-8	7
2102	Obesity heats up adipose tissue lymphocytes. 2013 , 145, 282-5	7
2101	Role of probiotics in modulating glucose homeostasis: evidence from animal and human studies. 2013 , 64, 780-6	18
2100	Islet inflammation in plain sight. 2013 , 15 Suppl 3, 105-16	19
2099	Cytokine levels in gestational diabetes mellitus: a systematic review of the literature. 2013 , 69, 545-57	35
2098	Cathepsin B contributes to autophagy-related 7 (Atg7)-induced nod-like receptor 3 (NLRP3)-dependent proinflammatory response and aggravates lipotoxicity in rat insulinoma cell line. 2013 , 288, 30094-30104	42
2097	Lack of an association between interleukin-6 -174G/C polymorphism and circulating interleukin-6 levels in normal population: a meta-analysis. 2013 , 32, 654-64	10
2096	Shifting the paradigm of islet inflammation--good guy or bad guy?. 2013 , 15 Suppl 3, 4-9	1
2095	Phytochemicals and their impact on adipose tissue inflammation and diabetes. 2013 , 58, 3-20	108
2094	Attenuation of high-glucose-induced inflammatory response by a novel curcumin derivative B06 contributes to its protection from diabetic pathogenic changes in rat kidney and heart. 2013 , 24, 146-55	65
2093	Inflammation during obesity is not all bad: evidence from animal and human studies. 2013 , 304, E466-77	104
2092	Failure of the adaptive unfolded protein response in islets of obese mice is linked with abnormalities in Ecell gene expression and progression to diabetes. 2013 , 62, 1557-68	84

2091	Cross-talk between skeletal muscle and immune cells: muscle-derived mediators and metabolic implications. 2013 , 304, E453-65	179
2090	Innate immune activation in obesity. 2013 , 34, 12-29	96
2089	Advances in osteoimmunology: pathophysiologic concepts and treatment opportunities. 2013 , 160, 114-25	21
2088	Role of inflammatory mechanisms in pathogenesis of type 2 diabetes mellitus. 2013 , 114, 525-31	220
2087	Dual effect of the heart-targeting cytokine cardiotrophin-1 on glucose transport in cardiomyocytes. 2013 , 56, 106-15	12
2086	Adipose tissue inflammation in diabetes and heart failure. 2013 , 15, 11-7	20
2085	Semaphorin3E-induced inflammation contributes to insulin resistance in dietary obesity. 2013 , 18, 491-504	87
2084	Neuroinflammatory basis of metabolic syndrome. 2013 , 2, 356-63	106
2083	Regulation of iNOS gene transcription by IL-1 β and IFN- γ requires a coactivator exchange mechanism. 2013 , 27, 1724-42	29
2082	Anti-inflammatory cytokines and risk of type 2 diabetes. 2013 , 15 Suppl 3, 39-50	113
2081	Matrix metalloproteinase (MMP)-9: a proximal biomarker for cardiac remodeling and a distal biomarker for inflammation. 2013 , 139, 32-40	152
2080	Modified phosphatidylethanolamines induce different levels of cytokine expression in monocytes and dendritic cells. 2013 , 175-176, 57-64	10
2079	Experimental evidence for the use of CCR2 antagonists in the treatment of type 2 diabetes. 2013 , 62, 1623-32	37
2078	Anti-diabetic effect of ramulus mori polysaccharides, isolated from Morus alba L., on STZ-diabetic mice through blocking inflammatory response and attenuating oxidative stress. 2013 , 16, 93-9	48
2077	Diet, inflammation and prediabetes-impact of quality of diet. 2013 , 37, 327-31	13
2076	Intracellular trafficking and secretion of inflammatory cytokines. 2013 , 24, 227-39	85
2075	Moving beyond JUPITER: will inhibiting inflammation reduce vascular event rates?. 2013 , 15, 295	61
2074	Structure prediction and molecular dynamics simulations of a G-protein coupled receptor: human CCR2 receptor. 2013 , 31, 694-715	10

2073	Review: systemic inflammation and Alzheimer's disease. 2013 , 39, 51-68	195
2072	Upregulated NLRP3 inflammasome activation in patients with type 2 diabetes. 2013 , 62, 194-204	457
2071	Autophagy regulates inflammation following oxidative injury in diabetes. 2013 , 9, 272-7	58
2070	Diabetes Mellitus. 2013 , 711-732	2
2069	Redox-inflammatory synergy in the metabolic syndrome. 2013 , 91, 22-30	58
2068	Nlrp3 inflammasome activation in type 2 diabetes: is it clinically relevant?. 2013 , 62, 22-4	52
2067	Proteomic biomarkers of type 2 diabetes mellitus risk in women with polycystic ovary syndrome. 2013 , 168, R33-43	16
2066	Interplay of pro- and anti-inflammatory cytokines to determine lipid accretion in adipocytes. 2013 , 37, 1490-8	17
2065	Adipose tissue macrophages in the development of obesity-induced inflammation, insulin resistance and type 2 diabetes. 2013 , 36, 208-22	102
2064	Islet amyloid: from fundamental biophysics to mechanisms of cytotoxicity. 2013 , 587, 1106-18	145
2063	Mechanisms of islet amyloidosis toxicity in type 2 diabetes. 2013 , 587, 1119-27	135
2062	Micro-RNAs in inflammatory diseases and as a link between inflammation and cancer. 2013 , 62, 343-55	31
2061	When metabolism met immunology. 2013 , 14, 421-2	10
2060	Detection of patients at high risk for non-occlusive mesenteric ischemia in hemodialysis. 2013 , 180, 51-5	28
2059	IL-1 receptor 2 (IL-1R2) and its role in immune regulation. 2013 , 32, 1-8	123
2058	XOMA 052, an anti-IL-1 β monoclonal antibody, prevents IL-1 β -mediated insulin resistance in 3T3-L1 adipocytes. 2013 , 21, 306-9	10
2057	The inducible soybean glyceollin phytoalexins with multifunctional health-promoting properties. 2013 , 54, 1208-1216	28
2056	Targeting IL-1 in Sjögren's syndrome. 2013 , 17, 393-401	24

2055	Impact of Proinflammatory Cytokines on Adipocyte Insulin Signaling. 2013 , 297-315	
2054	Immunfunktion und Entzündungsprävention. 2013 , 43-66	
2053	Innate immune receptors: key regulators of metabolic disease progression. 2013 , 17, 873-882	119
2052	Targeted delivery of curcumin for treating type 2 diabetes. 2013 , 57, 1550-6	64
2051	Interleukin-1 antagonists for diabetes. 2013 , 22, 965-79	9
2050	Suppression of iNOS and COX-2 expression by flavokawain A via blockade of NF- κ B and AP-1 activation in RAW 264.7 macrophages. 2013 , 58, 479-86	76
2049	Pomegranate and type 2 diabetes. 2013 , 33, 341-8	136
2048	The role of estrogens in control of energy balance and glucose homeostasis. 2013 , 34, 309-38	661
2047	Diabetes as a complication of adipose tissue dysfunction. Is there a role for potential new biomarkers?. 2013 , 51, 177-85	61
2046	Islet inflammation: a unifying target for diabetes treatment?. 2013 , 24, 351-60	84
2045	Brahma-related gene 1 bridges epigenetic regulation of proinflammatory cytokine production to steatohepatitis in mice. 2013 , 58, 576-88	77
2044	Immunological goings-on in visceral adipose tissue. 2013 , 17, 851-859	292
2043	Omega-3 fatty acids prevent inflammation and metabolic disorder through inhibition of NLRP3 inflammasome activation. 2013 , 38, 1154-63	460
2042	A review of the evidence for pathogenic mechanisms that may link periodontitis and diabetes. 2013 , 40 Suppl 14, S113-34	164
2041	Sfrp5 correlates with insulin resistance and oxidative stress. 2013 , 43, 350-7	45
2040	Immunometabolic role of long-chain omega-3 fatty acids in obesity-induced inflammation. 2013 , 29, 431-45	31
2039	Obesity and metabolic inflammation. 2013 , 10, e21-e21	29
2038	Adipose Tissue Macrophages in Obesity, Inflammation, and Cancer. 2013 , 83-98	1

2037	Inflammation, cytokines and insulin resistance: a clinical perspective. 2013 , 61, 119-25	133
2036	Inflammatory markers and risk of type 2 diabetes: a systematic review and meta-analysis. 2013 , 36, 166-75	474
2035	Neuroinflammation and neurodegeneration in overnutrition-induced diseases. 2013 , 24, 40-7	180
2034	Profilin-1 haploinsufficiency protects against obesity-associated glucose intolerance and preserves adipose tissue immune homeostasis. 2013 , 62, 3718-26	19
2033	Canakinumab: un anticuerpo monoclonal prometedor en el tratamiento de enfermedades cardiovasculares. 2013 , 20, 33-39	
2032	LC-MS/MS analysis of plasma polyunsaturated fatty acids in type 2 diabetic patients after insulin analog initiation therapy. 2013 , 12, 169	31
2031	Role of reduced β cell mass versus impaired β cell function in the pathogenesis of type 2 diabetes. 2013 , 36 Suppl 2, S113-9	153
2030	Severe obesity increases adipose tissue expression of interleukin-33 and its receptor ST2, both predominantly detectable in endothelial cells of human adipose tissue. 2013 , 37, 658-65	102
2029	CARD3 deficiency exacerbates diet-induced obesity, hepatosteatosis, and insulin resistance in male mice. 2013 , 154, 685-97	18
2028	Zinc deficiency augments leptin production and exacerbates macrophage infiltration into adipose tissue in mice fed a high-fat diet. 2013 , 143, 1036-45	37
2027	Integrative Biology of Women's Health. 2013 ,	
2026	Infliximab in the treatment of Crohn disease and type 1 diabetes. 2013 , 36, e90-1	17
2025	Type 2 diabetes mellitus coincident with pulmonary tuberculosis is associated with heightened systemic type 1, type 17, and other proinflammatory cytokines. 2013 , 10, 441-9	70
2024	The association between cytokines and insulin sensitivity in Iraqi immigrants and native Swedes. 2013 , 3, e003473	7
2023	Renal protective effects of toll-like receptor 4 signaling blockade in type 2 diabetic mice. 2013 , 154, 2144-55	63
2022	Micro-inflammation characterized by disturbed Treg/Teff balance with increasing sIL-2R in patients with type 2 diabetes. 2013 , 121, 214-9	7
2021	Adipose tissue foam cells are present in human obesity. 2013 , 98, 1173-81	94
2020	Mechanismen der subklinischen Inflammation in der Entstehung des Typ-2-Diabetes. 2013 , 8, 286-288	

2019	Update on the pathophysiological activities of the cardiac molecule cardiotrophin-1 in obesity. 2013 , 2013, 370715	4
2018	4-Hydroxy-17-methylincisterol from <i>Agaricus blazei</i> Decreased Cytokine Production and Cell Proliferation in Human Peripheral Blood Mononuclear Cells via Inhibition of NF-AT and NF- κ B Activation. 2013 , 2013, 435916	9
2017	Implication of inflammatory signaling pathways in obesity-induced insulin resistance. 2012 , 3, 181	116
2016	Beta cell dysfunction and insulin resistance. 2013 , 4, 37	373
2015	RAGE-Mediated Inflammation, Type 2 Diabetes, and Diabetic Vascular Complication. 2013 , 4, 105	54
2014	Pathogenesis of type 2 diabetes in South Asians. 2013 , 169, R99-R114	45
2013	Inflammation and the pathogenesis of diabetic nephropathy. 2013 , 124, 139-52	438
2012	GLP-1 effects on islets: hormonal, neuronal, or paracrine?. 2013 , 36 Suppl 2, S145-8	51
2011	Quantitative elastography associated with endoscopic ultrasound for the diagnosis of chronic pancreatitis. 2013 , 45, 781-8	76
2010	Inflammatory cytokines and the risk of cardiovascular complications in type 2 diabetes. 2013 , 35, 235-41	38
2009	Medicinal chemistry of glucagon-like peptide receptor agonists. 2013 , 52, 45-96	9
2008	Role of fibrinogen in cerebrovascular dysfunction after traumatic brain injury. 2013 , 27, 1508-15	34
2007	Adipose tissue inflammation contributes to short-term high-fat diet-induced hepatic insulin resistance. 2013 , 305, E388-95	50
2006	Retinoic acid-related orphan receptors and key regulators of lipid/glucose metabolism, inflammation, and insulin sensitivity. 2013 , 4, 1	140
2005	Galectin-3 is a regulator of metaflammation in adipose tissue and pancreatic islets. 2013 , 2, 266-71	20
2004	The control of lipid-induced inflammation by macrophages. 2013 , 24, 528-9	
2003	Mechanisms of thrombosis in obesity. 2013 , 20, 437-44	152
2002	Macrophages, fat, and the emergence of immunometabolism. 2013 , 123, 4992-3	72

2001	Effect of a probiotic fermented milk on the thymus in Balb/c mice under non-severe protein-energy malnutrition. 2013 , 110, 500-8	17
2000	CD40-CD40L: linking pancreatic, adipose tissue and vascular inflammation in type 2 diabetes and its complications. 2013 , 10, 115-22	30
1999	Celastrol, an NF- κ B inhibitor, improves insulin resistance and attenuates renal injury in db/db mice. 2013 , 8, e62068	96
1998	Glibenclamide reduces pro-inflammatory cytokine production by neutrophils of diabetes patients in response to bacterial infection. 2013 , 3, 3363	36
1997	White blood cells count and incidence of type 2 diabetes in young men. 2013 , 36, 276-82	101
1996	Adipose tissue inflammation and metabolic dysfunction: a clinical perspective. 2013 , 15, 19-24	7
1995	Perfil emocional matemático y competencias profesionales. 2013 , 16,	
1994	Fat-specific protein 27 modulates nuclear factor of activated T cells 5 and the cellular response to stress. 2013 , 54, 734-743	36
1993	Inflamm-ageing. 2013 , 16, 14-20	215
1992	Effects of an isocaloric healthy Nordic diet on insulin sensitivity, lipid profile and inflammation markers in metabolic syndrome -- a randomized study (SYSDIET). 2013 , 274, 52-66	175
1991	Influence of chronic hyperglycemia on the loss of the unfolded protein response in transplanted islets. 2013 , 51, 225-32	12
1990	RIP140 is associated with subclinical inflammation in type 2 diabetic patients. 2013 , 121, 37-42	12
1989	TWEAK: A New Player in Obesity and Diabetes. 2013 , 4, 488	29
1988	Sphingolipid metabolic pathway: an overview of major roles played in human diseases. 2013 , 2013, 178910	85
1987	Targeting interleukin-1 in heart disease. 2013 , 128, 1910-23	202
1986	Islet autoimmunity in phenotypic type 2 diabetes patients. 2013 , 15 Suppl 3, 137-40	34
1985	Small-molecule inhibition of inflammatory β cell death. 2013 , 15 Suppl 3, 176-84	11
1984	How biologics targeting the IL-1 system are being considered for the treatment of type 2 diabetes. 2013 , 76, 263-8	29

1983	Macrophages and islet inflammation in type 2 diabetes. 2013 , 15 Suppl 3, 152-8	85
1982	Glucose impairs B-1 cell function in diabetes. 2013 , 174, 129-38	20
1981	Role of pancreatic β cell death and inflammation in diabetes. 2013 , 15 Suppl 3, 141-51	60
1980	Regulatory T cells, leptin and angiogenesis. 2014 , 99, 155-69	20
1979	Interferon regulatory factor 9 protects against hepatic insulin resistance and steatosis in male mice. 2013 , 58, 603-16	63
1978	Differential effects of interleukin-13 and interleukin-6 on Jak/STAT signaling and cell viability in pancreatic β cells. 2013 , 5, 95-105	32
1977	ETC-1002 regulates immune response, leukocyte homing, and adipose tissue inflammation via LKB1-dependent activation of macrophage AMPK. 2013 , 54, 2095-2108	50
1976	Inducible tumor necrosis factor (TNF) receptor-associated factor-1 expression couples the canonical to the non-canonical NF- κ B pathway in TNF stimulation. 2013 , 288, 14612-14623	31
1975	T cell replicative senescence in human aging. 2013 , 19, 1680-98	136
1974	Association of high-sensitivity C-reactive protein with cardiometabolic risk factors and micronutrient deficiencies in adults of Ouagadougou, Burkina Faso. 2013 , 109, 1266-75	10
1973	Effect of a probiotic fermented milk on the thymus in a non-sever protein-energy-malnutrition model in mice. 2013 , 72,	
1972	Fasting glucose level modulates cell surface expression of CD11b and CD66b in granulocytes and monocytes of patients with type 2 diabetes. 2013 , 61, 972-7	11
1971	Salicylate (salsalate) in patients with type 2 diabetes: a randomized trial. 2013 , 159, 1-12	177
1970	Natural killer T cells in adipose tissue are activated in lean mice. 2013 , 62, 319-28	6
1969	Type 2 Diabetes and Islet Inflammation. 2013 , 80-85	
1968	The Impact of Inflammation on Pancreatic β Cell Metabolism, Function and Failure in T1DM and T2DM: Commonalities and Differences. 2013 ,	1
1967	Development and Validation of Analytical Method for Qualitative and Quantitative Determination of Glibenclamide in Different Brands of Tablet Dosage form Using UV-Visible Spectroscopy. 2013 , 07,	4
1966	[Interaction between environment and genetic background in type 2 diabetes: lessons from animal models]. 2013 , 29, 791-9	1

1965	Sustained delivery of IL-1Ra from PF127-gel reduces hyperglycemia in diabetic GK-rats. 2013 , 8, e55925	28
1964	Role of endogenous cortistatin in the regulation of ghrelin system expression at pancreatic level under normal and obese conditions. 2013 , 8, e57834	8
1963	Gastric inhibitory polypeptide receptor methylation in newly diagnosed, drug-naïve patients with type 2 diabetes: a case-control study. 2013 , 8, e75474	10
1962	Transcriptional regulation of an insulin-sensitizing adipokine adipolin/CTRP12 in adipocytes by Krüppel-like factor 15. 2013 , 8, e83183	25
1961	Autophagy in Diabetes and the Metabolic Syndrome. 2013 , 117-139	1
1960	AMPK, insulin resistance, and the metabolic syndrome. 2013 , 123, 2764-72	548
1959	Phytochemical Content, Nutraceutical Potential and Biotechnological Applications of an Ancient Mexican Plant: Nopal (Opuntia ficus-indica). 2014 , 10, 196-217	18
1958	Cytokine gene polymorphisms associate with microbiological agents in periodontal disease: our experience. 2014 , 11, 674-9	33
1957	The production of nitric oxide, IL-6, and TNF-alpha in palmitate-stimulated PBMCs is enhanced through hyperglycemia in diabetes. 2014 , 2014, 479587	26
1956	Importance of cardiovascular disease risk management in patients with type 2 diabetes mellitus. 2014 , 7, 169-83	106
1955	GDF15 Is a Novel Biomarker for Impaired Fasting Glucose. 2014 , 38, 472-9	49
1954	Predictive significance of kidney myeloid-related protein 8 expression in patients with obesity- or type 2 diabetes-associated kidney diseases. 2014 , 9, e88942	6
1953	Pro-inflammatory chemokine CCL2 (MCP-1) promotes healing in diabetic wounds by restoring the macrophage response. 2014 , 9, e91574	142
1952	New variants including ARG1 polymorphisms associated with C-reactive protein levels identified by genome-wide association and pathway analysis. 2014 , 9, e95866	16
1951	Artemisia scoparia enhances adipocyte development and endocrine function in vitro and enhances insulin action in vivo. 2014 , 9, e98897	22
1950	Serum sCD163 levels are associated with type 2 diabetes mellitus and are influenced by coffee and wine consumption: results of the Di@bet.es study. 2014 , 9, e101250	10
1949	Reduction of specific circulating lymphocyte populations with metabolic risk factors in patients at risk to develop type 2 diabetes. 2014 , 9, e107140	10
1948	Knock-down of IL-1Ra in obese mice decreases liver inflammation and improves insulin sensitivity. 2014 , 9, e107487	18

1947	Proteomic analysis in type 2 diabetes patients before and after a very low calorie diet reveals potential disease state and intervention specific biomarkers. 2014 , 9, e112835	16
1946	Toll-like receptor, lipotoxicity and chronic inflammation: the pathological link between obesity and cardiometabolic disease. 2014 , 21, 629-39	42
1945	Risk factors contributing to type 2 diabetes and recent advances in the treatment and prevention. 2014 , 11, 1185-200	426
1944	Mechanisms underlying the anti-aging and anti-tumor effects of lithocholic bile acid. 2014 , 15, 16522-43	25
1943	Pterocarpan-enriched soy leaf extract ameliorates insulin sensitivity and pancreatic β cell proliferation in type 2 diabetic mice. 2014 , 19, 18493-510	24
1942	Linking obesity with type 2 diabetes: the role of T-bet. 2014 , 7, 331-40	14
1941	Elevated white blood cell count is associated with higher risk of glucose metabolism disorders in middle-aged and elderly Chinese people. 2014 , 11, 5497-509	28
1940	Rye Products and Prevention of Type 2 Diabetes. 2014 , 205-225	1
1939	Anti-inflammatory Activity of Constituents Isolated from Terminalia chebula. 2014 , 9, 1934578X1400900	7
1938	An expanding role for interleukin-1 blockade from gout to cancer. 2014 , 20 Suppl 1, S43-58	66
1937	Nutrient regulation of insulin secretion and action. 2014 , 221, R105-20	117
1936	Effects of C-reactive protein on the neutrophil respiratory burst in vitro. 2014 , 20, 339-49	9
1935	Autoimmune aspects of type 2 diabetes mellitus - a mini-review. 2014 , 60, 189-96	67
1934	A vascular piece in the puzzle of adipose tissue dysfunction: mechanisms and consequences. 2014 , 120, 1-11	8
1933	Indomethacin treatment prevents high fat diet-induced obesity and insulin resistance but not glucose intolerance in C57BL/6J mice. 2014 , 289, 16032-45	29
1932	Intestinal permeability--a new target for disease prevention and therapy. 2014 , 14, 189	810
1931	CD1d-mediated presentation of endogenous lipid antigens by adipocytes requires microsomal triglyceride transfer protein. 2014 , 289, 22128-39	20
1930	Circulating levels of irisin in middle-aged first-degree relatives of type 2 diabetes mellitus - correlation with pancreatic β cell function. 2014 , 6, 133	24

1929	Maternal high-fat diet consumption modulates hepatic lipid metabolism and microRNA-122 (miR-122) and microRNA-370 (miR-370) expression in offspring. 2014 , 111, 2112-22	105
1928	Microvasculature: An essential component for organ-on-chip systems. 2014 , 39, 51-59	28
1927	Immune-related conditions and subsequent risk of brain cancer in a cohort of 4.5 million male US veterans. 2014 , 110, 1825-33	25
1926	(13)C metabolic flux analysis shows that resistin impairs the metabolic response to insulin in L6E9 myotubes. 2014 , 8, 109	5
1925	Systems vaccinology: probing humanity's diverse immune systems with vaccines. 2014 , 111, 12300-6	114
1924	Gevokizumab in type 1 diabetes mellitus: extreme remedies for extreme diseases?. 2014 , 23, 1277-84	10
1923	Antioxidant and anti-inflammatory activities of berberine in the treatment of diabetes mellitus. 2014 , 2014, 289264	127
1922	NF- κ B and STAT1 control CXCL1 and CXCL2 gene transcription. 2014 , 306, E131-49	88
1921	Priming dendritic cells for th2 polarization: lessons learned from helminths and implications for metabolic disorders. 2014 , 5, 499	29
1920	Possible role of interleukin-1 β in type 2 diabetes onset and implications for anti-inflammatory therapy strategies. 2014 , 10, e1003798	41
1919	Naturally occurring homoisoflavonoids and their pharmacological activities. 2014 , 80, 1053-66	57
1918	Circulating immune mediators are closely linked in adult-onset type 1 diabetes as well as in non-diabetic subjects. 2014 , 47, 530-7	6
1917	Protective Effect of Polysaccharides from <i>Inonotus obliquus</i> on Streptozotocin-Induced Diabetic Symptoms and Their Potential Mechanisms in Rats. 2014 , 2014, 841496	18
1916	A new glycation product 'norpronyl-lysine,' and direct characterization of cross linking and other glycation adducts: NMR of model compounds and collagen. 2014 , 34,	8
1915	Obesity and low-grade inflammation increase plasma follistatin-like 3 in humans. 2014 , 2014, 364209	8
1914	Inflammasomes: molecular regulation and implications for metabolic and cognitive diseases. 2014 , 37, 441-8	98
1913	Differential proteomic analysis of the pancreas of diabetic db/db mice reveals the proteins involved in the development of complications of diabetes mellitus. 2014 , 15, 9579-93	12
1912	Diazepam potentiates the antidiabetic, antistress and anxiolytic activities of metformin in type-2 diabetes mellitus with cooccurring stress in experimental animals. 2014 , 2014, 693074	18

1911	Focus on the potential effects of treatments for spondylarthritides on cardiovascular risk. 2014 , 10, 307-15	4
1910	Activated protein C and its potential applications in prevention of islet β cell damage and diabetes. 2014 , 95, 323-63	9
1909	Identification of gene signatures for prednisolone-induced metabolic dysfunction in collagen-induced arthritic mice. 2014 , 15, 629-41	2
1908	Amyloid and the macrophage: it's all about local production of IL-1 β . 2014 , 63, 1448-50	1
1907	Genetic determinants of circulating interleukin-1 receptor antagonist levels and their association with glycemic traits. 2014 , 63, 4343-59	32
1906	Glycosaminoglycans, hyperglycemia, and disease. 2014 , 21, 1032-43	17
1905	Inflammasome activation in response to dead cells and their metabolites. 2014 , 30, 91-8	40
1904	Metabolically healthy obesity and risk of incident type 2 diabetes: a meta-analysis of prospective cohort studies. 2014 , 15, 504-15	273
1903	The role of psychiatric, cardiometabolic, and musculoskeletal comorbidity in the recurrence of depression-related work disability. 2014 , 31, 796-803	16
1902	Relationship between impaired adipogenesis of retroperitoneal adipose tissue and hypertrophic obesity: role of endogenous glucocorticoid excess. 2014 , 18, 1549-61	11
1901	Blockade of p38 mitogen-activated protein kinase pathway ameliorates delayed gastric emptying in streptozotocin-induced diabetic rats. 2014 , 23, 696-700	16
1900	Fas (CD95) expression in myeloid cells promotes obesity-induced muscle insulin resistance. 2014 , 6, 43-56	19
1899	White blood cell subtypes, insulin resistance and β cell dysfunction in high-risk individuals--the PROMISE cohort. 2014 , 81, 536-41	33
1898	IRS2 integrates insulin/IGF1 signalling with metabolism, neurodegeneration and longevity. 2014 , 16 Suppl 1, 4-15	54
1897	Something old, something new and something very old: drugs for treating type 2 diabetes. 2014 , 171, 2940-50	11
1896	Interferon regulatory factor 3 constrains IKK β /NF- κ B signaling to alleviate hepatic steatosis and insulin resistance. 2014 , 59, 870-85	104
1895	Statin-induced insulin resistance through inflammasome activation: sailing between Scylla and Charybdis. 2014 , 63, 3569-71	24
1894	Incretin-based therapy and pancreatic beta cells. 2014 , 40, 411-22	8

1893	Targeting mitochondrial alterations to prevent type 2 diabetes--evidence from studies of dietary redox-active compounds. 2014 , 58, 1739-49	19
1892	Enhanced vascular endothelial growth factor signaling in islets contributes to β -cell injury and consequential diabetes in spontaneously diabetic Torii rats. 2014 , 106, 303-11	16
1891	MIF deficiency does not alter glucose homeostasis or adipose tissue inflammatory cell infiltrates during diet-induced obesity. 2014 , 22, 418-25	8
1890	β -cell failure in type 2 diabetes: postulated mechanisms and prospects for prevention and treatment. 2014 , 37, 1751-8	288
1889	The serine protease granzyme B as an inflammatory marker, in relation to the insulin receptor cleavage in human obesity and type 2 diabetes mellitus. 2014 , 34, 179-86	17
1888	The multifaceted role of profilin-1 in adipose tissue inflammation and glucose homeostasis. 2014 , 3, 69-74	13
1887	Genome-wide interaction of genotype by erythrocyte n-3 fatty acids contributes to phenotypic variance of diabetes-related traits. 2014 , 15, 781	5
1886	Association of adipokines, leptin/adiponectin ratio and C-reactive protein with obesity and type 2 diabetes mellitus. 2014 , 6, 99	68
1885	Interleukin-6, high sensitivity C-reactive protein, and the development of type 2 diabetes among HIV-positive patients taking antiretroviral therapy. 2014 , 67, 538-46	35
1884	Adiponectin and IL-6: Mediators of inflammation in progression of healthy to type 2 diabetes in Indian population. 2014 , 3, 39-45	22
1883	The role of inflammation and liver cancer. 2014 , 816, 401-35	172
1882	Impact of glycemic control on advanced glycation and inflammation in overweight and obese patients with type 2 diabetes mellitus. 2014 , 115, 457-68	12
1881	Evidence of endoplasmic reticulum stress and liver inflammation in the American mink Neovison vison with benign hepatic steatosis. 2014 , 184, 913-27	2
1880	TGR5 reduces macrophage migration through mTOR-induced C/EBP β differential translation. 2014 , 124, 5424-36	121
1879	Optimizing anesthetic regimen for surgery in mice through minimization of hemodynamic, metabolic, and inflammatory perturbations. 2014 , 239, 737-46	41
1878	Female asthma has a negative effect on fertility: what is the connection?. 2014 , 2014, 131092	10
1877	Mediation role of C-reactive protein on the association between smoking quantity and type 2 diabetes in current Chinese smokers. 2014 , 2014, 171538	5
1876	Ocular inflammation in uveal tract in aged obese type 2 diabetic rats (Spontaneously Diabetic Torii fatty rats). 2014 , 2014, 629016	4

1875	Diet-induced obesity and low testosterone increase neuroinflammation and impair neural function. 2014 , 11, 162	49
1874	Glycoprotein 130 receptor signaling mediates β -cell dysfunction in a rodent model of type 2 diabetes. 2014 , 63, 2984-95	20
1873	8-O-acetyl shanzhiside methylester attenuates cerebral ischaemia/reperfusion injury through an anti-inflammatory mechanism in diabetic rats. 2014 , 115, 481-7	5
1872	Chronic pancreatitis: a path to pancreatic cancer. 2014 , 345, 203-9	95
1871	Obesity, Insulin Resistance, and Inflammaging. 2014 , 157-164	2
1870	Corticosterone accelerates atherosclerosis in the apolipoprotein E-deficient mouse. 2014 , 232, 414-9	12
1869	A protein-enriched low glycemic index diet with omega-3 polyunsaturated fatty acid supplementation exerts beneficial effects on metabolic control in type 2 diabetes. 2014 , 8, 308-14	21
1868	A solid-phase PEGylation strategy for protein therapeutics using a potent FGF21 analog. 2014 , 35, 5206-15	25
1867	Islet inflammation, hemosiderosis, and fibrosis in intrauterine growth-restricted and high fat-fed Sprague-Dawley rats. 2014 , 184, 1446-57	12
1866	Depression and type 2 diabetes: a causal association?. 2014 , 2, 236-45	95
1865	Macrophage-targeted delivery systems for nucleic acid therapy of inflammatory diseases. 2014 , 190, 515-30	48
1864	Inflammation: therapeutic targets for diabetic neuropathy. 2014 , 49, 536-46	63
1863	Six months of treatment with the endoscopic duodenal-jejunal bypass liner does not lead to decreased systemic inflammation in obese patients with type 2 diabetes. 2014 , 24, 337-41	12
1862	Thrombomodulin domain 1 ameliorates diabetic nephropathy in mice via anti-NF- κ B/NLRP3 inflammasome-mediated inflammation, enhancement of NRF2 antioxidant activity and inhibition of apoptosis. 2014 , 57, 424-34	83
1861	Cardiovascular Risk in Diabetes Mellitus: Cause and Effect. 2014 , 2, 16-25	
1860	Differential white cell count and incident type 2 diabetes: the Insulin Resistance Atherosclerosis Study. 2014 , 57, 83-92	38
1859	Apoptosis: an underlying factor for accelerated periodontal disease associated with diabetes in rats. 2014 , 18, 1825-33	6
1858	Microglial priming in neurodegenerative disease. 2014 , 10, 217-24	664

1857	Signaling by IL-6 promotes alternative activation of macrophages to limit endotoxemia and obesity-associated resistance to insulin. 2014 , 15, 423-30	462
1856	The role of caspase-8 in amyloid-induced beta cell death in human and mouse islets. 2014 , 57, 765-75	18
1855	Is there a role for the adaptive immune system in pancreatic beta cell failure in type 2 diabetes?. 2014 , 57, 447-50	11
1854	Association of proinflammatory cytokines and islet resident leucocytes with islet dysfunction in type 2 diabetes. 2014 , 57, 491-501	101
1853	Increased circulatory levels of lipopolysaccharide (LPS) and zonulin signify novel biomarkers of proinflammation in patients with type 2 diabetes. 2014 , 388, 203-10	207
1852	Insulin inhibits IL-10-mediated regulatory T cell function: implications for obesity. 2014 , 192, 623-9	105
1851	Chlorella modulates insulin signaling pathway and prevents high-fat diet-induced insulin resistance in mice. 2014 , 95, 45-52	27
1850	Toll-like receptors and NLRP3 as central regulators of pancreatic islet inflammation in type 2 diabetes. 2014 , 92, 314-23	53
1849	The complement inhibitor CD59 regulates insulin secretion by modulating exocytotic events. 2014 , 19, 883-90	35
1848	Inflammasomes and metabolic disorders: old genes in modern diseases. 2014 , 54, 297-308	86
1847	Circadian disruption in the pathogenesis of metabolic syndrome. 2014 , 40, 338-46	84
1846	I prostanoicd receptor-mediated inflammatory pathway promotes hepatic gluconeogenesis through activation of PKA and inhibition of AKT. 2014 , 63, 2911-23	17
1845	Combating inflammaging through a Mediterranean whole diet approach: the NU-AGE project's conceptual framework and design. 2014 , 136-137, 3-13	97
1844	Tumour-educated macrophages display a mixed polarisation and enhance pancreatic cancer cell invasion. 2014 , 92, 543-52	67
1843	Inflammation as a link between obesity, metabolic syndrome and type 2 diabetes. 2014 , 105, 141-50	1039
1842	Androgen deficiency and type 2 diabetes mellitus. 2014 , 47, 940-9	19
1841	Obesity and cumulative inflammatory burden: a valuable risk assessment parameter in caring for dental patients. 2014 , 14 Suppl, 17-26.e1	6
1840	Anti-inflammatory therapies for cardiovascular disease. 2014 , 35, 1782-91	355

1839	Inflammasomes and metabolic disease. 2014 , 76, 57-78	91
1838	Accumulation of M1-like macrophages in type 2 diabetic islets is followed by a systemic shift in macrophage polarization. 2014 , 95, 149-60	87
1837	Neuropathy and the vascular-bone axis in diabetes: lessons from Charcot osteoarthropathy. 2014 , 25, 1197-207	29
1836	Toll-like receptor 2/4 links to free fatty acid-induced inflammation and β cell dysfunction. 2014 , 95, 47-52	45
1835	Association of C-reactive protein levels with fasting and postload glucose levels according to glucose tolerance status. 2014 , 45, 70-5	10
1834	Diabetic Cardiomyopathy. 2014 ,	2
1833	Ubiquitination in disease pathogenesis and treatment. 2014 , 20, 1242-53	520
1832	Glycemic control in diabetes is restored by therapeutic manipulation of cytokines that regulate beta cell stress. 2014 , 20, 1417-26	169
1831	Lower NLRP3 inflammasome activity in NAG-1 transgenic mice is linked to a resistance to obesity and increased insulin sensitivity. 2014 , 22, 1256-63	29
1830	The double burden: a new-age pandemic meets an ancient infection. 2014 , 108, 676-8	5
1829	Neutralizing Th2 inflammation in neonatal islets prevents β cell failure in adult IUGR rats. 2014 , 63, 1672-84	22
1828	Angiotensin 1-7 mediates renoprotection against diabetic nephropathy by reducing oxidative stress, inflammation, and lipotoxicity. 2014 , 306, F812-21	87
1827	Increased immune cell infiltration of the exocrine pancreas: a possible contribution to the pathogenesis of type 1 diabetes. 2014 , 63, 3880-90	144
1826	The influence of periodontal disease on glycemic control in diabetes. 2014 , 143-155	2
1825	Role of the Immune System in Obesity-Associated Inflammation and Insulin Resistance. 2014 , 281-293	1
1824	Helminth therapy or elimination: epidemiological, immunological, and clinical considerations. 2014 , 14, 1150-1162	147
1823	Association of inflammatory response and oxidative injury in the pathogenesis of liver steatosis and insulin resistance following subchronic exposure to malathion in rats. 2014 , 38, 542-53	27
1822	β cell failure in type 2 diabetes: postulated mechanisms and prospects for prevention and treatment. 2014 , 99, 1983-92	119

1821	Leukocyte profiles differ between type 1 and type 2 diabetes and are associated with metabolic phenotypes: results from the German Diabetes Study (GDS). 2014 , 37, 2326-33	46
1820	Influence of flavonoid-rich fruit and vegetable intake on diabetic retinopathy and diabetes-related biomarkers. 2014 , 28, 767-71	44
1819	Animal models of disease: classification and etiology of diabetes in dogs and cats. 2014 , 222, T1-9	86
1818	Common biological mechanisms between bipolar disorder and type 2 diabetes: Focus on inflammation. 2014 , 54, 289-98	25
1817	Monoclonal Antibodies in Phase 1 and 2 Studies for Immunological Disorders. 2014 , 927-968	
1816	Free fatty acids as modulators of the NLRP3 inflammasome in obesity/type 2 diabetes. 2014 , 92, 131-41	110
1815	Fatty acid binding protein 7 regulates phagocytosis and cytokine production in Kupffer cells during liver injury. 2014 , 184, 2505-15	11
1814	High-fat diet consumption disrupts memory and primes elevations in hippocampal IL-1 β an effect that can be prevented with dietary reversal or IL-1 receptor antagonism. 2014 , 42, 22-32	98
1813	Macrophage HIF-2 α ameliorates adipose tissue inflammation and insulin resistance in obesity. 2014 , 63, 3359-71	78
1812	IL-37 protects against obesity-induced inflammation and insulin resistance. 2014 , 5, 4711	143
1811	Aspirin, diabetes, and amyloid: re-examination of the inhibition of amyloid formation by aspirin and ketoprofen. 2014 , 9, 1632-7	8
1810	Mechanisms behind the link between obesity and gastrointestinal cancers. 2014 , 28, 599-610	50
1809	Impact of fetal and neonatal environment on beta cell function and development of diabetes. 2014 , 93, 1109-22	53
1808	Diabetes and bone fracture: risk factors for old and young. 2014 , 57, 2007-8	14
1807	Emerging roles of dipeptidyl peptidase 4 inhibitors: anti-inflammatory and immunomodulatory effect and its application in diabetes mellitus. 2014 , 38, 473-9	13
1806	A novel non-agonist peroxisome proliferator-activated receptor α (PPAR α) ligand UHC1 blocks PPAR α phosphorylation by cyclin-dependent kinase 5 (CDK5) and improves insulin sensitivity. 2014 , 289, 26618-26629	62
1805	Effect of orally administered <i>L. fermentum</i> NCIMB 5221 on markers of metabolic syndrome: an in vivo analysis using ZDF rats. 2014 , 98, 115-26	52
1804	Antiatherothrombotic effects of dipeptidyl peptidase inhibitors. 2014 , 16, 408	3

1803	Review Article: An Adipocentric View of the Metabolic Syndrome and Cardiovascular Disease. 2014 , 8, 1	2
1802	IL-33 is negatively associated with the BMI and confers a protective lipid/metabolic profile in non-diabetic but not diabetic subjects. 2014 , 15, 19	39
1801	Reduced immune cell infiltration and increased pro-inflammatory mediators in the brain of Type 2 diabetic mouse model infected with West Nile virus. 2014 , 11, 80	42
1800	Diminished systemic and antigen-specific type 1, type 17, and other proinflammatory cytokines in diabetic and prediabetic individuals with latent Mycobacterium tuberculosis infection. 2014 , 210, 1670-8	34
1799	Pronounced reduction of cutaneous Langerhans cell density in recently diagnosed type 2 diabetes. 2014 , 63, 1148-53	14
1798	Inflammasome activation and metabolic disease progression. 2014 , 25, 699-706	24
1797	The effect of recombinant adeno-associated virus-adiponectin (rAAV2/1-Acrp30) on glycolipid dysmetabolism and liver morphology in diabetic rats. 2014 , 206, 1-7	11
1796	Cancer Bioinformatics. 2014 ,	4
1795	Senescent cells: SASpected drivers of age-related pathologies. 2014 , 15, 627-42	129
1794	Associations of erythrocyte membrane fatty acids with the concentrations of C-reactive protein, interleukin 1 receptor antagonist and adiponectin in 1373 men. 2014 , 91, 169-74	14
1793	Role of anti-inflammatory adipokines in obesity-related diseases. 2014 , 25, 348-55	212
1792	Microbiota and diabetes: an evolving relationship. 2014 , 63, 1513-21	461
1791	An integrated medical treatment for type-2 diabetes. 2014 , 8, 57-61	12
1790	Low serum level of secreted frizzled-related protein 5, an anti-inflammatory adipokine, is associated with coronary artery disease. 2014 , 233, 454-459	34
1789	NCOA5, IL-6, type 2 diabetes, and HCC: The deadly quartet. 2014 , 19, 6-7	13
1788	Loss of Pgc-1 β expression in aging mouse muscle potentiates glucose intolerance and systemic inflammation. 2014 , 306, E157-67	65
1787	Role of genomics in translational research for Parkinson's disease. 2014 , 452, 226-35	15
1786	Endoplasmic reticulum: an interface between the immune system and metabolism. 2014 , 63, 48-9	7

1785	Association between carbohydrate quality and inflammatory markers: systematic review of observational and interventional studies. 2014 , 99, 813-33	108
1784	Nucleotides released from palmitate-challenged muscle cells through pannexin-3 attract monocytes. 2014 , 63, 3815-26	28
1783	TLR2/6 and TLR4-activated macrophages contribute to islet inflammation and impair beta cell insulin gene expression via IL-1 and IL-6. 2014 , 57, 1645-54	72
1782	Systemic inflammation alters satellite glial cell function and structure. A possible contribution to pain. 2014 , 274, 209-17	47
1781	Ellagic acid, an NF- κ B inhibitor, ameliorates renal function in experimental diabetic nephropathy. 2014 , 219, 64-75	104
1780	Increased sleep promotes survival during a bacterial infection in Drosophila. 2014 , 37, 1077-86, 1086A-1086D	36
1779	[Implication of MAP kinases in obesity-induced inflammation and insulin resistance]. 2014 , 208, 97-107	1
1778	REDUCTION OF SUBACUTE ENDOTOXEMIA COULD MEDIATE BENEFICIAL EFFECTS OF VACCINIUM MYRTILLUS IN METABOLIC SYNDROME - A PBMC GENE EXPRESSION STUDY. 2014 , 369-379	
1777	Chronic administration of bovine milk-derived β -lactalbumin improves glucose tolerance via enhancement of adiponectin in Goto-Kakizaki rats with type 2 diabetes. 2014 , 37, 404-8	16
1776	Preclinical efficacy and safety of an anti-IL-1 β vaccine for the treatment of type 2 diabetes. 2014 , 1, 14048	37
1775	Effects of walking on low-grade inflammation and their implications for Type 2 Diabetes. 2015 , 2, 538-47	18
1774	Low-grade systemic inflammation and the development of metabolic diseases: From the molecular evidence to the clinical practice. 2015 , 83, 543-551	18
1773	Whole grain intake and its association with intakes of other foods, nutrients and markers of health in the National Diet and Nutrition Survey rolling programme 2008-11. 2015 , 113, 1595-602	31
1772	Anti-inflammatory effect of 1,25-dihydroxyvitamin D is associated with crosstalk between signal transducer and activator of transcription 5 and the vitamin D receptor in human monocytes. 2015 , 9, 1739-1744	15
1771	The "Big Bang" in obese fat: Events initiating obesity-induced adipose tissue inflammation. 2015 , 45, 2446-56	195
1770	Effects of basal insulin application on serum visfatin and adiponectin levels in type 2 diabetes. 2015 , 9, 2219-2224	5
1769	Integrative analysis of human protein, function and disease networks. 2015 , 5, 14344	20
1768	Smoking and diabetes: is the association mediated by adiponectin, leptin, or C-reactive protein?. 2015 , 25, 99-109	19

1767	Nutritional Properties of Quinoa. 2015 , 193-210	11
1766	Gut microbe-derived extracellular vesicles induce insulin resistance, thereby impairing glucose metabolism in skeletal muscle. 2015 , 5, 15878	76
1765	Neck Circumference and Incidence of Diabetes Mellitus over 10 Years in the Korean Genome and Epidemiology Study (KoGES). 2015 , 5, 18565	27
1764	Miro1-mediated mitochondrial dysfunction under high nutrient stress is linked to NOD-like receptor 3 (NLRP3)-dependent inflammatory responses in rat pancreatic beta cells. 2015 , 89, 322-32	13
1763	Pioglitazone alters monocyte populations and stimulates recent thymic emigrants in the BBDZR/Wor type 2 diabetes rat model. 2015 , 7, 72	5
1762	Efficacy of inhibition of IL-1 in patients with rheumatoid arthritis and type 2 diabetes mellitus: two case reports and review of the literature. 2015 , 9, 123	24
1761	Milk-derived peptide Val-Pro-Pro (VPP) inhibits obesity-induced adipose inflammation via an angiotensin-converting enzyme (ACE) dependent cascade. 2015 , 59, 2502-10	32
1760	The effect of maternal Inflammation on foetal programming of metabolic disease. 2015 , 214, 440-9	46
1759	Effects of TNF- α blocking on experimental periodontitis and type 2 diabetes in obese diabetic Zucker rats. 2015 , 42, 807-816	22
1758	Local inflammatory reactions in patients with diabetes and periodontitis. 2015 , 69, 221-54	45
1757	Variations in levels of IL-6 and TNF- α in type 2 diabetes mellitus between rural and urban Ashanti Region of Ghana. 2015 , 15, 50	11
1756	Protective effects of Egyptian cloudy apple juice and apple peel extract on lipid peroxidation, antioxidant enzymes and inflammatory status in diabetic rat pancreas. 2016 , 16, 8	29
1755	Circulating interleukin-1 β promotes endoplasmic reticulum stress-induced myocytes apoptosis in diabetic cardiomyopathy via interleukin-1 receptor-associated kinase-2. 2015 , 14, 125	40
1754	Offloading treatment is linked to activation of proinflammatory cytokines and start of bone repair and remodeling in Charcot arthropathy patients. 2015 , 8, 72	14
1753	Risk of new-onset type II diabetes after appendicectomy. 2015 , 102, 1267-71	4
1752	Endocan: a new biomarker associated with inflammation in type 2 diabetes mellitus?. 2015 , 31, 479-80	11
1751	Emerging roles of frailty and inflammaging in risk assessment of age-related chronic diseases in older adults: the intersection between aging biology and personalized medicine. 2015 , 5, 1	46
1750	[Mucosal-associated invariant T cells in obesity and type 2 diabetes]. 2015 , 31, 717-9	0

1749	Financial strain, inflammatory factors, and haemoglobin A1c levels in African American women. 2015 , 20, 662-79	14
1748	Profiling leucocyte subsets in tuberculosis-diabetes co-morbidity. 2015 , 146, 243-50	11
1747	Systematic profiling of mRNA and miRNA expression in the pancreatic islets of spontaneously diabetic Goto-Kakizaki rats. 2015 , 11, 67-74	13
1746	Monocytes from patients with rheumatoid arthritis and type 2 diabetes mellitus display an increased production of interleukin (IL)-1 β via the nucleotide-binding domain and leucine-rich repeat containing family pyrin 3 (NLRP3)-inflammasome activation: a possible implication for therapeutic decision in these patients. 2015 , 102, 35-44	78
1745	Smoking and the Association Between Depressive Symptoms and Absolute Neutrophil Count in the Investigations Pr \acute ventives et Cliniques Cohort Study. 2015 , 77, 1039-49	11
1744	The Potential of VipAlbumin β to Chronic Inflammation in Type 2 Diabetes Mellitus Balb/C Mice Model. 2015 , 11, 56-67	2
1743	Role of pro-inflammatory cytokines of pancreatic islets and prospects of elaboration of new methods for the diabetes treatment. 2015 , 62, 15-21	55
1742	Obesidade na inf \acute ncia e adolesc \acute ncia: associa \tilde{c} o da inflama \tilde{c} o e resist \acute ncia \hat{a} insulina com altera \tilde{c} o metab \acute licas. 2015 , 14,	0
1741	Relationship of the total atrial conduction time to subclinical atherosclerosis, inflammation and echocardiographic parameters in patients with type 2 diabetes mellitus. 2015 , 70, 73-80	6
1740	Zingiber officinale and Type 2 Diabetes Mellitus: Evidence from Experimental Studies. 2015 , 25, 91-112	28
1739	The potential benefits of red beetroot supplementation in health and disease. 2015 , 7, 2801-22	219
1738	iNKT and MAIT Cell Alterations in Diabetes. 2015 , 6, 341	29
1737	The Importance of the CXCL12/CXCR4 Axis in Therapeutic Approaches to Diabetes Mellitus Attenuation. 2015 , 6, 403	21
1736	Amylin at the interface between metabolic and neurodegenerative disorders. 2015 , 9, 216	51
1735	Association of TLR2 and TLR4 non-missense single nucleotide polymorphisms with type 2 diabetes risk in a southern Chinese population: a case-control study. 2015 , 14, 8694-705	7
1734	Addressing unmet medical needs in type 2 diabetes: a narrative review of drugs under development. 2015 , 11, 17-31	39
1733	Timosaponin B-II ameliorates diabetic nephropathy via TXNIP, mTOR, and NF- κ B signaling pathways in alloxan-induced mice. 2015 , 9, 6247-58	12
1732	Long-term pancreatic beta cell exposure to high levels of glucose but not palmitate induces DNA methylation within the insulin gene promoter and represses transcriptional activity. 2015 , 10, e0115350	36

1731	TLR-3 is present in human adipocytes, but its signalling is not required for obesity-induced inflammation in adipose tissue in vivo. 2015 , 10, e0123152	20
1730	Therapeutic Effects of Bupleurum Polysaccharides in Streptozotocin Induced Diabetic Mice. 2015 , 10, e0133212	7
1729	DJ-1 Protects Pancreatic Beta Cells from Cytokine- and Streptozotocin-Mediated Cell Death. 2015 , 10, e0138535	15
1728	Identification of Target Genes Involved in Wound Healing Angiogenesis of Endothelial Cells with the Treatment of a Chinese 2-Herb Formula. 2015 , 10, e0139342	4
1727	Effect of Roux-en-Y Gastric Bypass on the NLRP3 Inflammasome in Adipose Tissue from Obese Rats. 2015 , 10, e0139764	22
1726	Decreased Circulating Levels of APRIL: Questioning Its Role in Diabetes. 2015 , 10, e0140150	1
1725	Differential Telomere Shortening in Blood versus Arteries in an Animal Model of Type 2 Diabetes. 2015 , 2015, 153829	5
1724	Antihyperglycemic Potential of <i>Grewia asiatica</i> Fruit Extract against Streptozotocin-Induced Hyperglycemia in Rats: Anti-Inflammatory and Antioxidant Mechanisms. 2015 , 2015, 549743	15
1723	Chronic Treatment with a Water-Soluble Extract from the Culture Medium of <i>Ganoderma lucidum</i> Mycelia Prevents Apoptosis and Necroptosis in Hypoxia/Ischemia-Induced Injury of Type 2 Diabetic Mouse Brain. 2015 , 2015, 865986	22
1722	The association between type 2 diabetes mellitus and women cancer: the epidemiological evidences and putative mechanisms. 2015 , 2015, 920618	40
1721	Interleukin-1 Family Cytokines in Liver Diseases. 2015 , 2015, 630265	30
1720	Neutrophil:lymphocyte ratio is positively related to type 2 diabetes in a large-scale adult population: a Tianjin Chronic Low-Grade Systemic Inflammation and Health cohort study. 2015 , 173, 217-25	33
1719	Six-year change in high-sensitivity C-reactive protein and risk of diabetes, cardiovascular disease, and mortality. 2015 , 170, 380-9	69
1718	Are obesity-related insulin resistance and type 2 diabetes autoimmune diseases?. 2015 , 64, 1886-97	63
1717	A worm of one's own: how helminths modulate host adipose tissue function and metabolism. 2015 , 31, 435-41	32
1716	Type 2 diabetes as a protein misfolding disease. 2015 , 21, 439-49	190
1715	Type 2 diabetes mellitus: From a metabolic disorder to an inflammatory condition. 2015 , 6, 598-612	198
1714	Polymorphisms of rs174616 in the FADS1-FADS2 gene cluster is associated with a reduced risk of type 2 diabetes mellitus in northern Han Chinese people. 2015 , 109, 206-12	13

1713	Splenectomy attenuates obesity and decreases insulin hypersecretion in hypothalamic obese rats. 2015 , 64, 1122-33	14
1712	Feline Diabetes Mellitus. 2015 , 258-314	10
1711	Lipoxin A4 Attenuates Obesity-Induced Adipose Inflammation and Associated Liver and Kidney Disease. 2015 , 22, 125-37	130
1710	Intake of farmed Atlantic salmon fed soybean oil increases hepatic levels of arachidonic acid-derived oxylipins and ceramides in mice. 2015 , 26, 585-95	25
1709	Impaired estrogen receptor action in the pathogenesis of the metabolic syndrome. 2015 , 418 Pt 3, 306-21	61
1708	Antidiabetic, antioxidant, and TNF- α -lowering properties of extract of the traditionally used plant <i>Ixeris gracilis</i> in alloxan-induced diabetic mice. 2015 , 53, 494-502	4
1707	In Vivo NMR Studies of the Brain with Hereditary or Acquired Metabolic Disorders. 2015 , 40, 2647-85	6
1706	Does Kindness Matter? Diabetes, Depression, and Self-Compassion: A Selective Review and Research Agenda. 2015 , 28, 252-7	13
1705	Glucose intolerance and pancreatic β cell dysfunction in the anorectic anx/anx mouse. 2015 , 309, E418-27	9
1704	Immunology, Inflammation, Mental Disorders, and Cardiovascular Risk. 2015 , 1-20	
1703	Galectin-3 In Obesity And Type 2 Diabetes. 2015 , 16, 273-280	
1702	Metabolic effects of resveratrol: addressing the controversies. 2015 , 72, 1473-88	75
1701	Consumption of a high glycemic load but not a high glycemic index diet is marginally associated with oxidative stress in young women. 2015 , 35, 7-13	9
1700	Enalapril treatment increases T cell number and promotes polarization towards M1-like macrophages locally in diabetic nephropathy. 2015 , 25, 30-42	26
1699	<i>Lactobacillus plantarum</i> CECT 7315/7316 intake modulates the acute and chronic innate inflammatory response. 2015 , 54, 1161-71	18
1698	Targeting 12-lipoxygenase as a novel strategy to combat the effects of inflammation on beta cells in diabetes. 2015 , 58, 425-8	9
1697	Does <i>Strongyloides stercoralis</i> infection protect against type 2 diabetes in humans? Evidence from Australian Aboriginal adults. 2015 , 107, 355-61	54
1696	Autophagy in diabetes: β cell dysfunction, insulin resistance, and complications. 2015 , 34, 252-60	75

1695	Cancer risk in people with diabetes: Does physical activity and adiposity modify the association? Prospective data from the HUNT Study, Norway. 2015 , 29, 176-9	3
1694	Assessment of DNA damage and mRNA/miRNA transcriptional expression profiles in hyperglycemic versus non-hyperglycemic patients with type 2 diabetes mellitus. 2015 , 776, 98-110	19
1693	Cord Blood Stem Cells for Clinical Use: Diabetes and Cord Blood. 2015 , 153-164	0
1692	Versatile functions for IL-6 in metabolism and cancer. 2015 , 36, 92-101	234
1691	P65 inactivation in adipocytes and macrophages attenuates adipose inflammatory response in lean but not in obese mice. 2015 , 308, E496-505	17
1690	Beneficial metabolic activities of inflammatory cytokine interleukin 15 in obesity and type 2 diabetes. 2015 , 9, 139-45	37
1689	Stress and type 2 diabetes: a review of how stress contributes to the development of type 2 diabetes. 2015 , 36, 441-62	136
1688	Pancreatic β cell identity, glucose sensing and the control of insulin secretion. 2015 , 466, 203-18	233
1687	Metabolic syndrome and nonalcoholic fatty liver disease: Is insulin resistance the link?. 2015 , 418 Pt 1, 55-65	177
1686	Insulin resistance as a physiological defense against metabolic stress: implications for the management of subsets of type 2 diabetes. 2015 , 64, 673-86	139
1685	Adipose Tissue-Derived Stem Cells From Obese Subjects Contribute to Inflammation and Reduced Insulin Response in Adipocytes Through Differential Regulation of the Th1/Th17 Balance and Monocyte Activation. 2015 , 64, 2477-88	70
1684	Adipose tissue dysregulation and metabolic consequences in childhood and adolescent obesity: potential impact of dietary fat quality. 2015 , 74, 67-82	29
1683	Flaxseed lignan secoisolariciresinol diglucoside improves insulin sensitivity through upregulation of GLUT4 expression in diet-induced obese mice. 2015 , 18, 1-9	31
1682	Is interleukin-1 β culprit in macrophage-adipocyte crosstalk in obesity?. 2015 , 4, 149-52	80
1681	Association of subclinical inflammation with deterioration of glycaemia before the diagnosis of type 2 diabetes: the KORA S4/F4 study. 2015 , 58, 2269-77	27
1680	Nutritional systems biology of type 2 diabetes. 2015 , 10, 481	20
1679	The impact of maternal obesity during pregnancy on offspring immunity. 2015 , 418 Pt 2, 134-42	37
1678	Treating rheumatological diseases and co-morbidities with interleukin-1 blocking therapies. 2015 , 54, 2134-44	76

1677	Network Cluster Analysis of Protein-Protein Interaction Network-Identified Biomarker for Type 2 Diabetes. 2015 , 17, 475-81	9
1676	High Temporal Resolution Detection of Patient-Specific Glucose Uptake from Human ex Vivo Adipose Tissue On-Chip. 2015 , 87, 6535-43	20
1675	BMP7 reduces inflammation and oxidative stress in diabetic tubulopathy. 2015 , 128, 269-80	27
1674	Enhanced glucose metabolism in cultured human skeletal muscle after Roux-en-Y gastric bypass surgery. 2015 , 11, 592-601	8
1673	Association between ambient air pollution and diabetes mellitus in Europe and North America: systematic review and meta-analysis. 2015 , 123, 381-9	303
1672	[Low-grade systemic inflammation and the development of metabolic diseases: from the molecular evidence to the clinical practice]. 2015 , 83, 543-51	47
1671	Metformin Inhibits the Production of Reactive Oxygen Species from NADH:Ubiquinone Oxidoreductase to Limit Induction of Interleukin-1(IL-1) and Boosts Interleukin-10 (IL-10) in Lipopolysaccharide (LPS)-activated Macrophages. 2015 , 290, 20348-59	184
1670	Urokinase plasminogen activator receptor and its soluble form in common biopsy-proven kidney diseases and in staging of diabetic nephropathy. 2015 , 48, 1324-9	25
1669	Allogeneic Mesenchymal Precursor Cells in Type 2 Diabetes: A Randomized, Placebo-Controlled, Dose-Escalation Safety and Tolerability Pilot Study. 2015 , 38, 1742-9	60
1668	Damage-associated molecular patterns and their pathological relevance in diabetes mellitus. 2015 , 24, 66-76	31
1667	Proteobacteria: microbial signature of dysbiosis in gut microbiota. 2015 , 33, 496-503	1268
1666	The Role of Markers of Low-Grade Inflammation for the Early Time Course of Glycemic Control, Glucose Disappearance Rate, and β Cell Function in Recently Diagnosed Type 1 and Type 2 Diabetes. 2015 , 38, 1758-67	30
1665	The evaluation of inflammatory and oxidative stress biomarkers on coffee-diabetes association: results from the 10-year follow-up of the ATTICA Study (2002-2012). 2015 , 69, 1220-5	16
1664	High-sensitivity C-reactive protein, but not white blood cell count, independently predicted incident diabetes in a Japanese health screening population. 2015 , 52, 983-90	8
1663	Dietary Fatty Acids and Their Potential for Controlling Metabolic Diseases Through Activation of FFA4/GPR120. 2015 , 35, 239-63	71
1662	Progenitor cell dysfunctions underlie some diabetic complications. 2015 , 185, 2607-18	29
1661	NALP3 inflammasome activation in protein misfolding diseases. 2015 , 135, 9-14	26
1660	A novel benzenediamine derivative FC98 reduces insulin resistance in high fat diet-induced obese mice by suppression of metaflammation. 2015 , 761, 298-308	5

1659	The balance between adaptive and apoptotic unfolded protein responses regulates β cell death under ER stress conditions through XBP1, CHOP and JNK. 2015 , 413, 189-201	75
1658	Inflammasomes: mechanism of action, role in disease, and therapeutics. 2015 , 21, 677-87	1742
1657	NLRP3 at the interface of metabolism and inflammation. 2015 , 265, 53-62	178
1656	Anti-diabetic effects of shubat in type 2 diabetic rats induced by combination of high-glucose-fat diet and low-dose streptozotocin. 2015 , 169, 269-74	44
1655	Activation of innate immunity modulates insulin sensitivity, glucose effectiveness and pancreatic β cell function in both African ancestry and European ancestry healthy humans. 2015 , 64, 513-520	11
1654	Adipocyte SIRT1 knockout promotes PPAR α activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. 2015 , 4, 378-91	102
1653	CCL20 is elevated during obesity and differentially regulated by NF- κ B subunits in pancreatic β cells. 2015 , 1849, 637-52	31
1652	Nonalcoholic fatty liver disease and type 2 diabetes: common pathophysiologic mechanisms. 2015 , 15, 607	74
1651	The role of chemokines in adjusting the balance between CD4+ effector T cell subsets and FOXP3-negative regulatory T cells. 2015 , 28, 829-35	17
1650	Chlamydia pneumoniae promotes dysfunction of pancreatic beta cells. 2015 , 295, 83-91	5
1649	Psoriasis and risk of diabetes-associated microvascular and macrovascular complications. 2015 , 72, 968-77.e2	37
1648	Cardiac autoimmunity as a novel biomarker, mediator, and therapeutic target of heart disease in type 1 diabetes. 2015 , 15, 30	11
1647	Debate: Testosterone Therapy Reduces Cardiovascular Risk in Men with Diabetes. Against the Motion. 2015 , 9, 1	
1646	Helminth infections and type 2 diabetes: a cluster-randomized placebo controlled SUGARSPIN trial in Nangapanda, Flores, Indonesia. 2015 , 15, 133	28
1645	Oncostatin M is a potential agent for the treatment of obesity and related metabolic disorders: a study in mice. 2015 , 58, 1868-76	20
1644	New insights into the mechanisms of islet inflammation in type 2 diabetes. 2015 , 64, 1094-6	13
1643	Proinsulin-producing, hyperglycemia-induced adipose tissue macrophages underlie insulin resistance in high fat-fed diabetic mice. 2015 , 29, 3537-48	10
1642	The Immunophysiology of Male Reproduction. 2015 , 805-892	17

1641	Targeting gut microbiota as a possible therapy for diabetes. 2015 , 35, 361-7	79
1640	Profile of the Immune and Inflammatory Response in Individuals With Prediabetes and Type 2 Diabetes. 2015 , 38, 1356-64	120
1639	Loss of β Cell Identity Occurs in Type 2 Diabetes and Is Associated With Islet Amyloid Deposits. 2015 , 64, 2928-38	103
1638	Proteome- and transcriptome-driven reconstruction of the human myocyte metabolic network and its use for identification of markers for diabetes. 2015 , 11, 921-933	81
1637	Effects of inflammation on stem cells: together they strive?. 2015 , 16, 416-26	118
1636	Hydroxychloroquine reduces risk of incident diabetes mellitus in lupus patients in a dose-dependent manner: a population-based cohort study. 2015 , 54, 1244-9	77
1635	Stress-induced dissociations between intracellular calcium signaling and insulin secretion in pancreatic islets. 2015 , 57, 366-375	24
1634	Experimental evidence for curcumin and its analogs for management of diabetes mellitus and its associated complications. 2015 , 756, 30-7	40
1633	A critical role for PKR complexes with TRBP in Immunometabolic regulation and eIF2 β phosphorylation in obesity. 2015 , 11, 295-307	39
1632	IL-1B rs1143623 and EEF1A1P11-RPL7P9 rs10783050 polymorphisms affect the glucose-lowering efficacy of metformin in Chinese overweight or obese Type 2 diabetes mellitus patients. 2015 , 16, 1621-9	6
1631	Monocytes play different roles in stimulating T cells in obese diabetic individuals. 2015 , 28, 374-83	9
1630	Immune Cell Regulatory Pathways Unexplored as Host-Directed Therapeutic Targets for Mycobacterium tuberculosis: An Opportunity to Apply Precision Medicine Innovations to Infectious Diseases. 2015 , 61Suppl 3, S200-16	25
1629	The IL-1 Pathway in Type 2 Diabetes and Cardiovascular Complications. 2015 , 26, 551-563	112
1628	Oxidative DNA damage is associated with inflammatory response, insulin resistance and microvascular complications in type 2 diabetes. 2015 , 782, 17-22	40
1627	Hypoxic Ventilatory Reactivity in Experimental Diabetes. 2015 , 860, 123-32	3
1626	Insulin secretion and sensitivity in healthy adults with low vitamin D are not affected by high-dose ergocalciferol administration: a randomized controlled trial. 2015 , 102, 385-92	26
1625	Epigenomic profiling in visceral white adipose tissue of offspring of mice exposed to late gestational sleep fragmentation. 2015 , 39, 1135-42	15
1624	Does 8 weeks of strenuous bicycle exercise improve diabetes-related inflammatory cytokines and free fatty acids in type 2 diabetes patients and individuals at high-risk of metabolic syndrome?. 2015 , 121, 129-38	15

1623	Metabolic changes in type 2 diabetes are reflected in peripheral blood cells, revealing aberrant cytotoxicity, a viral signature, and hypoxia inducible factor activity. 2015 , 8, 20	15
1622	Heme oxygenase-1, a novel target for the treatment of diabetic complications: focus on diabetic peripheral neuropathy. 2015 , 102, 158-67	32
1621	KPN β promotes palmitate-induced insulin resistance via NF- κ B signaling in hepatocytes. 2015 , 71, 763-72	13
1620	MicroRNA-16 modulates macrophage polarization leading to improved insulin sensitivity in myoblasts. 2015 , 119, 16-26	17
1619	Adipositas im Erwachsenenalter. 2015 , 10, R35-R66	
1618	Adipositas im Erwachsenenalter. 2015 , 40, 147-178	4
1617	Immunological mechanisms contributing to the double burden of diabetes and intracellular bacterial infections. 2015 , 144, 171-85	183
1616	High glucose and interleukin 1 β induced apoptosis in human umbilical vein endothelial cells involves in down-regulation of monocarboxylate transporter 4. 2015 , 466, 607-14	12
1615	Associations Between Inflammatory Markers, Hemostatic Markers, and Microvascular Complications in 182 Chinese Patients With Type 2 Diabetes Mellitus. 2015 , 46, 214-20	19
1614	Is Autophagy Altered in the Leukocytes of Type 2 Diabetic Patients?. 2015 , 23, 1050-6	16
1613	β Defensin RTD-1 improves insulin action and normalizes plasma glucose and FFA levels in diet-induced obese rats. 2015 , 309, E154-60	7
1612	A Review of Emerging Technologies for the Management of Diabetes Mellitus. 2015 , 62, 2735-49	64
1611	Targeting Inflammation Through a Physical Active Lifestyle and Pharmaceuticals for the Treatment of Type 2 Diabetes. 2015 , 15, 82	26
1610	Benzimidazole derivatives protect against cytokine-induced apoptosis in pancreatic β Cells. 2015 , 25, 4672-6	12
1609	Type 2 diabetes - Tuberculosis co-morbidity is associated with diminished circulating levels of IL-20 subfamily of cytokines. 2015 , 95, 707-712	14
1608	Inflammasome, mTORC1 activation, and metabolic derangement contribute to the susceptibility of diabetics to infections. 2015 , 85, 997-1001	11
1607	Distinct differences in the responses of the human pancreatic β cell line EndoC- β 1 and human islets to proinflammatory cytokines. 2015 , 309, R525-34	31
1606	Differences in forward angular light scattering distributions between M1 and M2 macrophages. 2015 , 20, 115002	6

1605	Regulation of Nlrp3 inflammasome by dietary metabolites. 2015 , 27, 334-42	38
1604	Interactions between adipose tissue and the immune system in health and malnutrition. 2015 , 27, 322-33	46
1603	Serum 25-hydroxyvitamin D levels and peripheral neuropathy in patients with type 2 diabetes: a systematic review and meta-analysis. 2015 , 38, 513-8	50
1602	Regulation of energy balance by inflammation: common theme in physiology and pathology. 2015 , 16, 47-54	83
1601	The risk of incident type 2 diabetes in a Korean metabolically healthy obese population: the role of systemic inflammation. 2015 , 100, 934-41	49
1600	Effects of luteolin on retinal oxidative stress and inflammation in diabetes. 2015 , 5, 4898-4904	13
1599	Managing diabetes with nanomedicine: challenges and opportunities. 2015 , 14, 45-57	359
1598	A lower-carbohydrate, higher-fat diet reduces abdominal and intermuscular fat and increases insulin sensitivity in adults at risk of type 2 diabetes. 2015 , 145, 177S-83S	42
1597	Salivary interleukin-17 and tumor necrosis factor- α in relation to periodontitis and glycemic status in type 2 diabetes mellitus. 2015 , 7, 681-8	15
1596	Diabetes-induced oxidative DNA damage alters p53-p21CIP1/Waf1 signaling in the rat testis. 2015 , 22, 102-12	24
1595	TNF- α gene expression is increased following zinc supplementation in type 2 diabetes mellitus. 2015 , 10, 440	11
1594	Latent autoimmune diabetes in adults with low-titer GAD antibodies: similar disease progression with type 2 diabetes: a nationwide, multicenter prospective study (LADA China Study 3). 2015 , 38, 16-21	58
1593	Anti-inflammatory agents to treat or prevent type 2 diabetes, metabolic syndrome and cardiovascular disease. 2015 , 24, 283-307	156
1592	Crosstalk between intestinal microbiota, adipose tissue and skeletal muscle as an early event in systemic low-grade inflammation and the development of obesity and diabetes. 2015 , 31, 545-61	111
1591	Endoplasmic reticulum stress is involved in the connection between inflammation and autophagy in type 2 diabetes. 2015 , 210, 124-9	36
1590	Biological roles and therapeutic potential of G protein-coupled receptors for free fatty acids and metabolic intermediates. 2016 , 5, 213-227	5
1589	The Association of Glycemic Markers with Plasma Adipocytokine Levels in Women with Gestational Diabetes. 2016 , 7,	3
1588	Dietary Fibre and Cardiovascular Risk in Diabetes Mellitus. 2016 , 2,	

1587	Impact of weight loss on oxidative stress and inflammatory cytokines in obese type 2 diabetic patients. 2016 , 16, 725-733	19
1586	The role of <i>Toxoplasma gondii</i> as a possible inflammatory agent in the pathogenesis of type 2 diabetes mellitus in humans. 2016 , 4, 44-62	5
1585	Dietary Fatty Acids and C-Reactive Protein. 2016 , 221-236	1
1584	Adipocytokines in Cardiovascular and Metabolic Diseases. 2016 , 23, 645-54	22
1583	Fibroblast Growth Factor 21 (FGF21) Protects against High Fat Diet Induced Inflammation and Islet Hyperplasia in Pancreas. 2016 , 11, e0148252	69
1582	Association between IL-1 β s17561 and IL-1 β s1143634 polymorphisms and periodontitis: a meta-analysis. 2016 , 15,	16
1581	Cytokine profile and lymphocyte subsets in type 2 diabetes. 2016 , 49, e5062	12
1580	Confirming an integrated pathology of diabetes and its complications by molecular biomarker-target network analysis. 2016 , 14, 2213-21	2
1579	Hematologic parameters as the predictors for metabolic syndrome in perimenopausal and postmenopausal women living in urban area: a preliminary report. 2016 , 15, 90-5	4
1578	Activation of proteinase 3 contributes to Non-alcoholic Fatty Liver Disease (NAFLD) and insulin resistance. 2016 , 22,	20
1577	Association of inflammation, dyslipidemia, obesity and physical activity status in children. 2016 , 22, 18-26	
1576	Identification of stable reference genes for lipopolysaccharide-stimulated macrophage gene expression studies. 2016 , 1, bpw005	4
1575	A Comparison of hs-CRP Levels in New Diabetes Groups Diagnosed Based on FPG, 2-hPG, or HbA1c Criteria. 2016 , 2016, 5827041	8
1574	Plasma C1q/TNF-Related Protein-3 (CTRP-3) and High-Mobility Group Box-1 (HMGB-1) Concentrations in Subjects with Prediabetes and Type 2 Diabetes. 2016 , 2016, 9438760	6
1573	Islet Amyloid Polypeptide: Structure, Function, and Pathophysiology. 2016 , 2016, 2798269	127
1572	Therapeutic Effects of Quercetin on Inflammation, Obesity, and Type 2 Diabetes. 2016 , 2016, 9340637	136
1571	Salicylate, diflunisal and their metabolites inhibit CBP/p300 and exhibit anticancer activity. 2016 , 5,	45
1570	The Pro-inflammatory Effects of Glucocorticoids in the Brain. 2016 , 7, 78	50

1569	Suppressors of Cytokine Signaling in Sickness and in Health of Pancreatic β Cells. 2016 , 7, 169	6
1568	Sun Exposure and Its Effects on Human Health: Mechanisms through Which Sun Exposure Could Reduce the Risk of Developing Obesity and Cardiometabolic Dysfunction. 2016 , 13,	20
1567	The Deep Correlation between Energy Metabolism and Reproduction: A View on the Effects of Nutrition for Women Fertility. 2016 , 8, 87	83
1566	Natural Phyto-Bioactive Compounds for the Treatment of Type 2 Diabetes: Inflammation as a Target. 2016 , 8,	110
1565	Clostridium Butyricum CGMCC0313.1 Modulates Lipid Profile, Insulin Resistance and Colon Homeostasis in Obese Mice. 2016 , 11, e0154373	41
1564	The Expression of Programmed Death-1 on CD4+ and CD8+ T Lymphocytes in Patients with Type 2 Diabetes and Severe Sepsis. 2016 , 11, e0159383	15
1563	Inflammatory Adipokines Decrease Expression of Two High Molecular Weight Isoforms of Tropomyosin Similar to the Change in Type 2 Diabetic Patients. 2016 , 11, e0162908	2
1562	The potential impacts of formyl peptide receptor 1 in inflammatory diseases. 2016 , 8, 436-49	14
1561	Visceral Adiposity Measurements, Metabolic and Inflammatory Profile in Obese Patients with and Without Type 2 Diabetes Mellitus: A Crosssectional Analysis. 2017 , 13, 11-18	11
1560	Nutrition and Diabetes Mellitus: How are They Interlinked?. 2016 , 26, 317-332	5
1559	Endoplasmic reticulum stress-induced neuronal inflammatory response and apoptosis likely plays a key role in the development of diabetic encephalopathy. 2016 , 7, 78455-78472	46
1558	Fatty liver is associated with an increased risk of diabetes and cardiovascular disease - Evidence from three different disease models: NAFLD, HCV and HIV. 2016 , 22, 9674-9693	69
1557	Association of Traditional Chinese Medicine Therapy and the Risk of Vascular Complications in Patients With Type II Diabetes Mellitus: A Nationwide, Retrospective, Taiwanese-Registry, Cohort Study. 2016 , 95, e2536	43
1556	Weight Gain and Incident Diabetes Among HIV-Infected Veterans Initiating Antiretroviral Therapy Compared With Uninfected Individuals. 2016 , 73, 228-36	75
1555	Development of a diet-induced murine model of diabetes featuring cardinal metabolic and pathophysiological abnormalities of type 2 diabetes. 2016 , 5, 1149-62	15
1554	Diabetes-accelerated experimental osteoarthritis is prevented by autophagy activation. 2016 , 24, 2116-2125	31
1553	Circulating serum irisin levels in obesity and type 2 diabetes mellitus. 2016 , 68, 544-56	59
1552	Deficiency of Nuclear Factor- κ B c-Rel Accelerates the Development of Autoimmune Diabetes in NOD Mice. 2016 , 65, 2367-79	16

1551	Circulating Cytokines Predict the Development of Insulin Resistance in a Prospective Finnish Population Cohort. 2016 , 101, 3361-9	10
1550	DIAGNOSIS OF ENDOCRINE DISEASE: Prevalence of hypercortisolism in type 2 diabetes patients: a systematic review and meta-analysis. 2016 , 175, R247-R253	16
1549	Parasitic helminths and their beneficial impact on type 1 and type 2 diabetes. 2016 , 32, 238-50	33
1548	Regulation of metabolic health and adipose tissue function by group 2 innate lymphoid cells. 2016 , 46, 1315-25	32
1547	Regulation of Beta-Cell Function and Mass by the Dual Leucine Zipper Kinase. 2016 , 349, 410-3	0
1546	p-Coumaric acid and its conjugates: dietary sources, pharmacokinetic properties and biological activities. 2016 , 96, 2952-62	259
1545	Mid-adulthood cardiometabolic risk factor profiles of sarcopenic obesity. 2016 , 24, 526-34	20
1544	Cooperative effects of hepatitis B virus and TNF may play important roles in the activation of metabolic pathways through the activation of NF- κ B. 2016 , 38, 475-81	10
1543	Development and Validation of an Empirical Dietary Inflammatory Index. 2016 , 146, 1560-70	153
1542	Luteolin reduces obesity-associated insulin resistance in mice by activating AMPK β signalling in adipose tissue macrophages. 2016 , 59, 2219-28	43
1541	The microbiome and innate immunity. 2016 , 535, 65-74	949
1540	Enhanced Anti-Inflammatory Activities by the Combination of Luteolin and Tangeretin. 2016 , 81, H1320-7	24
1539	Small-sized, stable lipid nanoparticle for the efficient delivery of siRNA to human immune cell lines. 2016 , 6, 37849	41
1538	Association of the Elevated Red Blood Cell Distribution Width with the Risk of Developing Diabetes Mellitus. 2016 , 55, 1959-65	13
1537	Curcumin and long-chain Omega-3 polyunsaturated fatty acids for Prevention of type 2 Diabetes (COP-D): study protocol for a randomised controlled trial. 2016 , 17, 565	18
1536	Mechanisms of inflammatory responses and development of insulin resistance: how are they interlinked?. 2016 , 23, 87	197
1535	Interactome-transcriptome analysis discovers signatures complementary to GWAS Loci of Type 2 Diabetes. 2016 , 6, 35228	16
1534	Modulation of gut microbiota dysbioses in type 2 diabetic patients by macrobiotic Ma-Pi 2 diet. 2016 , 116, 80-93	112

1533	The Role of Fibers and Bioactive Compounds in Gut Microbiota Composition and Health. 2016 , 205-262	
1532	Inflammatory insults and mental health consequences: does timing matter when it comes to depression?. 2016 , 46, 2041-57	23
1531	Cannabinoid 2 Receptor Agonist Improves Systemic Sensitivity to Insulin in High-Fat Diet/Streptozotocin-Induced Diabetic Mice. 2016 , 40, 1175-1185	20
1530	DNA methylation signatures of chronic low-grade inflammation are associated with complex diseases. 2016 , 17, 255	171
1529	FADD is a key regulator of lipid metabolism. 2016 , 8, 895-918	9
1528	Secreted APE1/Ref-1 inhibits TNF- α -stimulated endothelial inflammation via thiol-disulfide exchange in TNF receptor. 2016 , 6, 23015	25
1527	Common dysregulated pathways in obese adipose tissue and atherosclerosis. 2016 , 15, 120	30
1526	Role of omentin-1 and C-reactive protein in obese subjects with subclinical inflammation. 2016 , 3, 7-11	5
1525	Inflammatory state of periaortic adipose tissue in mice under obesogenic dietary regimens. 2016 , 6, 1-7	4
1524	Iron Regulation of Pancreatic Beta-Cell Functions and Oxidative Stress. 2016 , 36, 241-73	45
1523	Influence of cigarette smoking and inflammatory gene polymorphisms on glycosylated hemoglobin in the Japanese general population. 2016 , 3, 288-95	0
1522	Overexpression of HDAC6 induces pro-inflammatory responses by regulating ROS-MAPK-NF- κ B/AP-1 signaling pathways in macrophages. 2016 , 97, 14-23	75
1521	Incidence and correlated factors of beta cell failure in a 4-year follow-up of patients with type 2 diabetes: a longitudinal analysis of the BETADECLINE study. 2016 , 53, 761-7	10
1520	Dual leucine zipper kinase (MAP3K12) modulators: a patent review (2010-2015). 2016 , 26, 607-16	5
1519	Downregulation of IL-10 secretion by Treg cells in osteoarthritis is associated with a reduction in Tim-3 expression. 2016 , 79, 159-65	36
1518	Systems Vaccinology: Applications, Trends, and Perspectives. 2016 , 1403, 107-30	2
1517	Insulin resistance and carotid intima-media thickness mediate the association between resting-state heart rate variability and executive function: A path modelling study. 2016 , 117, 216-224	20
1516	Serum chemerin and high-sensitivity C reactive protein as markers of subclinical atherosclerosis in Egyptian patients with type 2 diabetes. 2016 , 7, 47-56	23

1515	Dietary Management of Glycemic Control in Older Adults. 2016 , 5, 119-127	
1514	Primary Bile Acid Chenodeoxycholic Acid-Based Microcapsules to Examine β cell Survival and the Inflammatory Response. 2016 , 6, 103-109	23
1513	Bugging inflammation: role of the gut microbiota. 2016 , 5, e72	29
1512	Serum levels of immunoglobulins in an adult population and their relationship with type 2 diabetes. 2016 , 115, 76-82	20
1511	Cellular Ageing and Replicative Senescence. 2016 ,	7
1510	Targeting Senescent Cells to Improve Human Health. 2016 , 313-343	
1509	Energy metabolism and inflammation in brain aging and Alzheimer's disease. 2016 , 100, 108-122	218
1508	Tissue Tregs. 2016 , 34, 609-33	305
1507	Inflammation biomarkers and mortality prediction in patients with type 2 diabetes (ZODIAC-27). 2016 , 250, 46-51	15
1506	Tumor necrosis factor β induced protein-3 protects zinc transporter 8 against proinflammatory cytokine-induced downregulation. 2016 , 12, 1509-1514	6
1505	Severe Periodontitis Is Associated with Insulin Resistance in Non-abdominal Obese Adults. 2016 , 101, 4251-4259	24
1504	Atorvastatin and rosuvastatin improve physiological parameters and alleviate immune dysfunction in metabolic disorders. 2016 , 478, 1242-7	8
1503	Susceptibility of brown adipocytes to pro-inflammatory cytokine toxicity and reactive oxygen species. 2016 , 36,	28
1502	Study of the pathogenesis and treatment of diabetes mellitus through animal models. 2016 , 63, 345-53	16
1501	Lactation history, serum concentrations of persistent organic pollutants, and maternal risk of diabetes. 2016 , 150, 282-288	13
1500	Vitamin D Level Between Calcium-Phosphorus Homeostasis and Immune System: New Perspective in Osteoporosis. 2016 , 1	25
1499	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. 2016 , 50, e1-e88	589
1498	Empagliflozin Protects against Diet-Induced NLRP-3 Inflammasome Activation and Lipid Accumulation. 2016 , 359, 45-53	39

1497	Study of the pathogenesis and treatment of diabetes mellitus through animal models. 2016 , 63, 345-353	6
1496	Role of Chronic Inflammation in Myopia Progression: Clinical Evidence and Experimental Validation. 2016 , 10, 269-81	40
1495	Prediabetes: A Worldwide Epidemic. 2016 , 45, 751-764	37
1494	Stimuli-Responsive Delivery of Therapeutics for Diabetes Treatment. 2016 , 1, 323-337	63
1493	Diabetes mellitus in patients with cirrhosis: clinical implications and management. 2016 , 36, 936-48	78
1492	VEGF Pathways in the Lymphatics of Healthy and Diseased Heart. 2016 , 23, 5-14	27
1491	Adherence to Mediterranean diet and 10-year incidence (2002-2012) of diabetes: correlations with inflammatory and oxidative stress biomarkers in the ATTICA cohort study. 2016 , 32, 73-81	75
1490	Integrated regulation of the cellular metabolism and function of immune cells in adipose tissue. 2016 , 43, 294-303	20
1489	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. 2016 , 37, 2893-2962	4465
1488	2016 ESC Guidelines for the management of atrial fibrillation developed in collaboration with EACTS. 2016 , 18, 1609-1678	1293
1487	Monomeric eNAMPT in the development of experimental diabetes in mice: a potential target for type 2 diabetes treatment. 2016 , 59, 2477-2486	21
1486	Protective effects of triptolide on TLR4 mediated autoimmune and inflammatory response induced myocardial fibrosis in diabetic cardiomyopathy. 2016 , 193, 333-344	44
1485	Das Mikrobiom bei chronischen Erkrankungen. 2016 , 12, 420-427	1
1484	Association of CXCL12 gene promoter methylation with periodontitis in patients with diabetes mellitus type 2. 2016 , 72, 124-133	6
1483	The relationship between adipokines and the onset of type 2 diabetes in middle-aged men: The PRIME study. 2016 , 120, 24-30	4
1482	Complement-Mediated Regulation of Metabolism and Basic Cellular Processes. 2016 , 45, 240-54	82
1481	Antidiabetic (type 2) effects of Lactobacillus G15 and Q14 in rats through regulation of intestinal permeability and microbiota. 2016 , 7, 3789-3797	60
1480	High Plasma Pentraxin 3 Levels in Diabetic Polyneuropathy Patients with Nociceptive Pain. 2016 , 239, 73-9	5

1479	Anti-Inflammatory and Insulin-Sensitizing Effects of Free Fatty Acid Receptors. 2017 , 236, 221-231	20
1478	Altered Transport and Metabolism of Phenolic Compounds in Obesity and Diabetes: Implications for Functional Food Development and Assessment. 2016 , 7, 1090-1104	35
1477	Changes in Overall Diet Quality and Subsequent Type 2 Diabetes Risk: Three U.S. Prospective Cohorts. 2016 , 39, 2011-2018	52
1476	Occupational and environmental exposure to pesticides and cytokine pathways in chronic diseases (Review). 2016 , 38, 1012-20	93
1475	Visceral adiposity syndrome. 2016 , 8, 40	64
1474	Hypoglycemic activity of the Baker's yeast β -glucan in obese/type 2 diabetic mice and the underlying mechanism. 2016 , 60, 2678-2690	41
1473	Modulating Inflammatory Cytokines. 2016 , 151-171	0
1472	Diabetes, Depression, and Cardiovascular Risk. 2016 , 831-847	1
1471	Akkermansia muciniphila mediates negative effects of IFN γ on glucose metabolism. 2016 , 7, 13329	144
1470	MAP4K Family Kinases in Immunity and Inflammation. 2016 , 129, 277-314	70
1469	Macrophages in age-related chronic inflammatory diseases. 2016 , 2, 16018	132
1468	Saturated fatty acids activate caspase-4/5 in human monocytes, triggering IL-1 β and IL-18 release. 2016 , 311, E825-E835	36
1467	Effect of Diabetea tea consumption on inflammatory cytokines and metabolic biomarkers in type 2 diabetes patients. 2016 , 194, 1069-1077	19
1466	C-Reactive Protein Promotes Diabetic Kidney Disease in db/db Mice via the CD32b-Smad3-mTOR signaling Pathway. 2016 , 6, 26740	33
1465	Pharmacological Tool Compounds for the Free Fatty Acid Receptor 4 (FFA4/GPR120). 2017 , 236, 33-56	10
1464	Higher fasting plasma glucose is associated with striatal and hippocampal shape differences: the 2sweet project. 2016 , 4, e000175	9
1463	Elevated B Cell Activation is Associated with Type 2 Diabetes Development in Obese Subjects. 2016 , 38, 1257-66	29
1462	T-helper-1, T-helper-17, T-regulatory lymphocytes in hypertensive patients with diabetes mellitus type 2 or impaired glucose tolerance: association with clinical and metabolic parameters in a case control study. 2016 , 1,	

1461	Effect of (-)-epigallocatechin-3-gallate on anti-inflammatory response via heme oxygenase-1 induction during adipocyte-macrophage interactions. 2016 , 25, 1767-1773	6
1460	TNF- α Induces Caspase-1 Activation Independently of Simultaneously Induced NLRP3 in 3T3-L1 Cells. 2016 , 231, 2761-7	30
1459	Arterial Stiffness Is Positively Associated With 18F-fluorodeoxyglucose Positron Emission Tomography-Assessed Subclinical Vascular Inflammation in People With Early Type 2 Diabetes. 2016 , 39, 1440-7	22
1458	Biological Assessments of Encapsulated Pancreatic β Cells: Their Potential Transplantation in Diabetes. 2016 , 9, 530-537	18
1457	Efficient Targeting of Adipose Tissue Macrophages in Obesity with Polysaccharide Nanocarriers. 2016 , 10, 6952-62	56
1456	The Aging as a Consequence of Diverse Biological Processes. 2016 , 41, 265-282	
1455	Juniperus rigida Sieb. extract inhibits inflammatory responses via attenuation of TRIF-dependent signaling and inflammasome activation. 2016 , 190, 91-9	10
1454	Nitric Oxide Produced by Macrophages Inhibits Adipocyte Differentiation and Promotes Profibrogenic Responses in Preadipocytes to Induce Adipose Tissue Fibrosis. 2016 , 65, 2516-28	38
1453	Impaired coronary microcirculation in type 2 diabetic patients is associated with elevated circulating regulatory T cells and reduced number of IL-21R+ T cells. 2016 , 15, 67	7
1452	Aromatic malononitriles stimulate the resistance of insulin-producing beta-cells to oxidants and inflammatory cytokines. 2016 , 784, 69-80	8
1451	Whole food approach for type 2 diabetes prevention. 2016 , 60, 1819-36	37
1450	Human umbilical cord-derived mesenchymal stem cells elicit macrophages into an anti-inflammatory phenotype to alleviate insulin resistance in type 2 diabetic rats. 2016 , 34, 627-39	93
1449	Role of inflammation in sensory neuropathy in prediabetes or diabetes. 2016 , 133, 384-90	28
1448	Low positive predictive value of midnight salivary cortisol measurement to detect hypercortisolism in type 2 diabetes. 2016 , 85, 202-6	7
1447	IL-1 receptor antagonist levels are associated with glucose tolerance in polycystic ovary syndrome. 2016 , 85, 430-5	4
1446	Dietary glycemic index modulates the behavioral and biochemical abnormalities associated with autism spectrum disorder. 2016 , 21, 426-36	20
1445	Silencing CCR2 in Macrophages Alleviates Adipose Tissue Inflammation and the Associated Metabolic Syndrome in Dietary Obese Mice. 2016 , 5, e280	29
1444	Delivery strategies to control inflammatory response: Modulating M1-M2 polarization in tissue engineering applications. 2016 , 240, 349-363	120

1443	MicroRNA-181b Improves Glucose Homeostasis and Insulin Sensitivity by Regulating Endothelial Function in White Adipose Tissue. 2016 , 118, 810-21	86
1442	A Central Role for Monocyte-Platelet Interactions in Heart Failure. 2016 , 21, 245-61	12
1441	Chronic peripheral inflammation, hippocampal neurogenesis, and behavior. 2016 , 58, 1-8	124
1440	The diabetogenic action of statins - mechanisms and clinical implications. 2016 , 12, 99-110	88
1439	Levels of the inflammation marker YKL-40 in young adults exposed to intrauterine hyperglycemia. 2016 , 114, 50-4	1
1438	Increased Expression of EGR-1 in Diabetic Human Adipose Tissue-Derived Mesenchymal Stem Cells Reduces Their Wound Healing Capacity. 2016 , 25, 760-73	26
1437	Low Level Pro-inflammatory Cytokines Decrease Connexin36 Gap Junction Coupling in Mouse and Human Islets through Nitric Oxide-mediated Protein Kinase C β . 2016 , 291, 3184-96	32
1436	The Effect of Sustained Inflammation on Hepatic Mevalonate Pathway Results in Hyperglycemia. 2016 , 165, 343-56	68
1435	Cichorium intybus Linn. Extract Prevents Type 2 Diabetes Through Inhibition of NLRP3 Inflammasome Activation. 2016 , 19, 310-7	12
1434	Adipocytes, like their progenitors, contribute to inflammation of adipose tissues through promotion of Th-17 cells and activation of monocytes, in obese subjects. 2016 , 5, 275-82	16
1433	Calcium and Vitamin D in Obesity and Related Chronic Disease. 2016 , 77, 57-100	42
1432	Inflammatory Markers in Obese Adolescents with Type 2 Diabetes and Their Relationship to Hepatokines and Adipokines. 2016 , 173, 131-5	27
1431	Relationship between visceral obesity and plasma fibrinogen in obese children. 2016 , 29, 289-96	5
1430	IL-1 β at the crossroad between rheumatoid arthritis and type 2 diabetes: may we kill two birds with one stone?. 2016 , 12, 849-55	39
1429	Mechanisms and therapeutic effectiveness of lactobacilli. 2016 , 69, 187-203	125
1428	Mechanisms underlying the effect of polysaccharides in the treatment of type 2 diabetes: A review. 2016 , 144, 474-94	121
1427	The SNP rs9677 of VPAC1 gene is associated with glycolipid control and heart function in female patients with type 2 diabetes: A follow-up study. 2016 , 26, 109-13	2
1426	Repurposing Drugs to Target the Diabetes Epidemic. 2016 , 37, 379-389	31

1425	Air Pollution, Subclinical Inflammation and the Risk of Type 2 Diabetes. 2016 , 243-271	3
1424	A Test in Context: High-Sensitivity C-Reactive Protein. 2016 , 67, 712-723	170
1423	Environmental Influences on the Immune System. 2016 ,	5
1422	Effects of bariatric weight loss surgery on glucose metabolism, inflammatory cytokines, and serum tartrate-resistant acid phosphatase 5a in obese Chinese adults. 2016 , 453, 197-202	18
1421	Linking Inflammation, Obesity, and Diabetes. 2016 , 505-524	
1420	Glucose-Dependent Insulinotropic Peptide Stimulates Glucagon-Like Peptide 1 Production by Pancreatic Islets via Interleukin 6, Produced by β Cells. 2016 , 151, 165-79	49
1419	IL-13 improves beta-cell survival and protects against IL-1 β -induced beta-cell death. 2016 , 5, 122-131	15
1418	DNA Methylation Profiling of Blood Monocytes in Patients With Obesity Hypoventilation Syndrome: Effect of Positive Airway Pressure Treatment. 2016 , 150, 91-101	15
1417	The potential of antioxidative and anti-inflammatory peptides in reducing the risk of cardiovascular diseases. 2016 , 8, 25-32	11
1416	TNF- α s upregulated in T2DM patients with fracture and promotes the apoptosis of osteoblast cells in vitro in the presence of high glucose. 2016 , 80, 35-42	28
1415	Diabetes and Alzheimer's disease crosstalk. 2016 , 64, 272-87	104
1414	Reincarnated medicines: using out-dated drugs for novel indications. 2016 , 37, 2571-6	5
1413	Isocoumarins and benzofurans from the mangrove endophytic fungus <i>Talaromyces amestolkiae</i> possess β -glucosidase inhibitory and antibacterial activities. 2016 , 6, 26412-26420	75
1412	Bone morphogenetic proteins in inflammation, glucose homeostasis and adipose tissue energy metabolism. 2016 , 27, 105-18	57
1411	From C-Reactive Protein to Interleukin-6 to Interleukin-1: Moving Upstream To Identify Novel Targets for Atheroprotection. 2016 , 118, 145-56	462
1410	Regulation of metabolism by the innate immune system. 2016 , 12, 15-28	382
1409	Duodenojejunal Bypass Leads to Altered Gut Microbiota and Strengthened Epithelial Barriers in Rats. 2016 , 26, 1576-83	21
1408	Ultrasound-targeted microbubble destruction: toward a new strategy for diabetes treatment. 2016 , 21, 540-3	10

1407	Exercise and type 2 diabetes: focus on metabolism and inflammation. 2016 , 94, 146-50	123
1406	Risk of diabetes in combined metabolic abnormalities and body mass index categories. 2016 , 10, S71-8	2
1405	Inflammatory Cytokines Stimulate Bone Morphogenetic Protein-2 Expression and Release from Pancreatic Beta Cells. 2016 , 36, 20-9	11
1404	Molecular and cellular mechanisms linking inflammation to insulin resistance and β cell dysfunction. 2016 , 167, 228-56	158
1403	Targeting inflammation in metabolic syndrome. 2016 , 167, 257-80	137
1402	Fucoidan from sea cucumber <i>Cucumaria frondosa</i> exhibits anti-hyperglycemic effects in insulin resistant mice via activating the PI3K/PKB pathway and GLUT4. 2016 , 121, 36-42	30
1401	The Mechanisms of Insulin Action. 2016 , 556-585.e13	5
1400	Fructose-enriched diet induces inflammation and reduces antioxidative defense in visceral adipose tissue of young female rats. 2017 , 56, 151-160	14
1399	Aberrant NKG2D expression with IL-17 production of CD4+ T subsets in patients with type 2 diabetes. 2017 , 222, 944-951	10
1398	Role of Adiposity-Driven Inflammation in Depressive Morbidity. 2017 , 42, 115-128	88
1397	Nutrient patterns and chronic inflammation in a cohort of community dwelling middle-aged men. 2017 , 36, 1040-1047	19
1396	Anti-inflammatory effects of ononin on lipopolysaccharide-stimulated RAW 264.7 cells. 2017 , 83, 46-51	43
1395	Is Diabetic Skeletal Fragility Associated with Microvascular Complications in Bone?. 2017 , 15, 1-8	22
1394	Hydrogen donors and acceptors and basic amino acids jointly contribute to carcinogenesis. 2017 , 98, 42-44	33
1393	Guà ESC 2016 sobre el diagnóstico y tratamiento de la fibrilación auricular, desarrollada en colaboración con la EACTS. 2017 , 70, 50.e1-50.e84	6
1392	Clinical relevance of epigenetics in the onset and management of type 2 diabetes mellitus. 2017 , 12, 401-415	45
1391	C-terminus of HSC70-Interacting Protein (CHIP) Inhibits Adipocyte Differentiation via Ubiquitin- and Proteasome-Mediated Degradation of PPAR α . 2017 , 7, 40023	7
1390	Dual role of interleukin-1 β in islet amyloid formation and its β cell toxicity: Implications for type 2 diabetes and islet transplantation. 2017 , 19, 682-694	27

1389	Myeloperoxidase-mediated protein lysine oxidation generates 2-aminoadipic acid and lysine nitrile in vivo. 2017 , 104, 20-31	21
1388	The human longevity gene homolog INDY and interleukin-6 interact in hepatic lipid metabolism. 2017 , 66, 616-630	33
1387	Pharmacological rescue of diabetic skeletal stem cell niches. 2017 , 9,	53
1386	Intracellular ATP in balance of pro- and anti-inflammatory cytokines in adipose tissue with and without tissue expansion. 2017 , 41, 645-651	18
1385	High glucose-induced LIF suppresses osteoblast differentiation via regulating STAT3/SOCS3 signaling. 2017 , 91, 132-139	13
1384	Postprandial macrophage-derived IL-1 β stimulates insulin, and both synergistically promote glucose disposal and inflammation. 2017 , 18, 283-292	194
1383	The complex interplay among hepatocytes and immune cells at the crossroad between inflammation and cholesterol metabolism in hyperglycemia. 2017 , 58, 21-23	1
1382	High-fat meal, systemic inflammation and glucose homeostasis in obese children and adolescents. 2017 , 41, 986-989	7
1381	High-sensitive C-reactive protein and risk of incident type 2 diabetes: a case-control study nested within the Singapore Chinese Health Study. 2017 , 17, 8	15
1380	Reduced inflammatory responses of follicular helper T cell promote the development of regulatory B cells after Roux-en-Y gastric bypass. 2017 , 44, 556-565	8
1379	The Role of the Immune System in Metabolic Health and Disease. 2017 , 25, 506-521	134
1378	Association of IL-10 gene (-1082A>G, -819C>T and -592C>A) polymorphism and its serum level with metabolic syndrome of north Indian subjects. 2017 , 96, 53-64	9
1377	Monitoring p53 by MDM2 and MDMX is required for endocrine pancreas development and function in a spatio-temporal manner. 2017 , 423, 34-45	9
1376	FOXO1 and LXRE downregulate the apolipoprotein A-I gene expression during hydrogen peroxide-induced oxidative stress in HepG2 cells. 2017 , 22, 123-134	14
1375	Metformin attenuates hepatic insulin resistance in type-2 diabetic rats through PI3K/Akt/GLUT-4 signalling independent to bicuculline-sensitive GABA receptor stimulation. 2017 , 55, 722-728	27
1374	Prion-Like Protein Aggregates and Type 2 Diabetes. 2017 , 7,	27
1373	Vitexin alleviates lipopolysaccharide-induced islet cell injury by inhibiting HMGB1 release. 2017 , 15, 1079-1086	18
1372	It's time to redefine inflammation. 2017 , 31, 1787-1791	60

1371	Long-term associations between inflammatory dietary scores in relation to long-term C-reactive protein status measured 12 years later: findings from the Supplmentation en Vitamines et Minfaux Antioxydants (SU.VI.MAX) cohort. 2017 , 117, 306-314	29
1370	Association of serum 25-hydroxyvitamin D with adipokines and inflammatory marker in persons with prediabetes mellitus. 2017 , 468, 152-158	16
1369	Physiological roles of macrophages. 2017 , 469, 365-374	108
1368	Excessive consumption of fructose causes cardiometabolic dysfunctions through oxidative stress and inflammation. 2017 , 95, 1078-1090	15
1367	IGF1 Shapes Macrophage Activation in Response to Immunometabolic Challenge. 2017 , 19, 225-234	90
1366	Umbilical cord mesenchymal stem cells are able to undergo differentiation into functional islet-like cells in type 2 diabetic tree shrews. 2017 , 34, 1-12	6
1365	The kielin/chordin-like protein (KCP) attenuates high-fat diet-induced obesity and metabolic syndrome in mice. 2017 , 292, 9051-9062	13
1364	Carotenoids in the treatment of diabetes mellitus and its complications: A mechanistic review. 2017 , 91, 31-42	60
1363	Diabetes Mellitus and Sepsis: A Challenging Association. 2017 , 47, 276-287	45
1362	Systemic inflammation and family history in relation to the prevalence of type 2 diabetes based on an alternating decision tree. 2017 , 7, 45502	7
1361	Interleukin-1 Blockade: An Update on Emerging Indications. 2017 , 31, 207-221	13
1360	The human serum protein C4b-binding protein inhibits pancreatic IAPP-induced inflammasome activation. 2017 , 60, 1522-1533	10
1359	The effects of TLR3, TRIF and TRAF3 SNPs and interactions with environmental factors on type 2 diabetes mellitus and vascular complications in a Han Chinese population. 2017 , 626, 41-47	8
1358	Dexamethasone-conjugated DNA nanotubes as anti-inflammatory agents in vivo. 2017 , 134, 78-90	26
1357	NF- κ B Immunity in the Brain Determines Fly Lifespan in Healthy Aging and Age-Related Neurodegeneration. 2017 , 19, 836-848	83
1356	Impaired "Glycine"-mia in Type 2 Diabetes and Potential Mechanisms Contributing to Glucose Homeostasis. 2017 , 158, 1064-1073	32
1355	Polyunsaturated fatty acid receptors, GPR40 and GPR120, are expressed in the hypothalamus and control energy homeostasis and inflammation. 2017 , 14, 91	70
1354	Inhibiting Microglia Expansion Prevents Diet-Induced Hypothalamic and Peripheral Inflammation. 2017 , 66, 908-919	96

1353	Reciprocal Crosstalk Between Autophagic and Endocrine Signaling in Metabolic Homeostasis. 2017 , 38, 69-102	30
1352	Current role of the NLRP3 inflammasome on obesity and insulin resistance: A systematic review. 2017 , 74, 1-9	128
1351	Experimental and Human Evidence for Lipocalin-2 (Neutrophil Gelatinase-Associated Lipocalin [NGAL]) in the Development of Cardiac Hypertrophy and heart failure. 2017 , 6,	32
1350	The kynurenine:tryptophan ratio as a predictor of incident type 2 diabetes mellitus in individuals with coronary artery disease. 2017 , 60, 1712-1721	37
1349	Increased adipose tissue expression of IL-18R and its ligand IL-18 associates with inflammation and insulin resistance in obesity. 2017 , 5, 318-335	25
1348	Effects of p38 mitogen-activated protein kinase on lung ischemia-reperfusion injury in diabetic rats. 2017 , 216, 9-17	8
1347	Comorbidities of Atopic Dermatitis: Beyond Rhinitis and Asthma. 2017 , 6, 35-41	37
1346	Elicited soybean (<i>Glycine max</i> L.) extract improves regulatory T cell activity in high fat-fructose diet mice. 2017 ,	3
1345	Overexpressing STAMP2 attenuates adipose tissue angiogenesis and insulin resistance in diabetic ApoE /LDLR mouse via a PPAR α /CD36 pathway. 2017 , 21, 3298-3308	6
1344	Microbiota in T-cell homeostasis and inflammatory diseases. 2017 , 49, e340	93
1343	The association between immunoglobulin concentrations and prediabetes prevalence in a large Chinese cohort. 2017 , 73, 77-84	1
1342	Interleukin-1 Antagonism Decreases Cortisol Levels in Obese Individuals. 2017 , 102, 1712-1718	16
1341	Aqueous calyxes extract of Roselle or Hibiscus sabdariffa Linn supplementation improves liver morphology in streptozotocin induced diabetic rats. 2017 , 18, 13-20	9
1340	Vitamin D deficiency and diabetes. 2017 , 474, 1321-1332	119
1339	Inflammation and pharmacokinetics: potential implications for HIV-infection. 2017 , 13, 641-650	18
1338	Exploring the Link Between Posttraumatic Stress Disorder and inflammation-Related Medical Conditions: An Epidemiological Examination. 2017 , 88, 909-916	14
1337	The anti-inflammatory function of high-density lipoprotein in type II diabetes: A systematic review. 2017 , 11, 712-724.e5	19
1336	Transplantation of betatrophin-expressing adipose-derived mesenchymal stem cells induces β cell proliferation in diabetic mice. 2017 , 39, 936-948	13

1335	An excessive increase in glutamate contributes to glucose-toxicity in β cells via activation of pancreatic NMDA receptors in rodent diabetes. 2017 , 7, 44120	40
1334	Extended Multiplexing of Tandem Mass Tags (TMT) Labeling Reveals Age and High Fat Diet Specific Proteome Changes in Mouse Epididymal Adipose Tissue. 2017 , 16, 873-890	122
1333	The redox environment triggers conformational changes and aggregation of hIAPP in Type II Diabetes. 2017 , 7, 44041	60
1332	Cross-talk between innate cytokines and the pancreatic polypeptide family in acute pancreatitis. 2017 , 90, 161-168	33
1331	Discovery of Chromane Propionic Acid Analogues as Selective Agonists of GPR120 with Activity in Rodents. 2017 , 8, 96-101	21
1330	Deletion of histone deacetylase 3 in adult beta cells improves glucose tolerance via increased insulin secretion. 2017 , 6, 30-37	30
1329	Non-traditional roles of complement in type 2 diabetes: Metabolism, insulin secretion and homeostasis. 2017 , 84, 34-42	14
1328	Structured DAG oil ameliorates renal injury in streptozotocin-induced diabetic rats through inhibition of NF- κ B and activation of Nrf2 pathway. 2017 , 100, 225-238	14
1327	Novel Protein Glycan-Derived Markers of Systemic Inflammation and C-Reactive Protein in Relation to Glycemia, Insulin Resistance, and Insulin Secretion. 2017 , 40, 375-382	34
1326	B cells present skewed profile and lose the function of supporting T cell inflammation after Roux-en-Y gastric bypass. 2017 , 43, 16-22	7
1325	Nanomedicines for dysfunctional macrophage-associated diseases. 2017 , 247, 106-126	33
1324	TLR4 and Caveolin-1 in Monocytes Are Associated With Inflammatory Conditions in Diabetic Neuropathy. 2017 , 10, 178-184	17
1323	Kinin receptors: Key regulators of autoimmunity. 2017 , 16, 192-207	36
1322	Anti-diabetic effect of the ethyl acetate fraction of <i>Clerodendrum volubile</i> : protocatechuic acid suppresses phagocytic oxidative burst and modulates inflammatory cytokines. 2017 , 86, 307-315	29
1321	[Diabetes Mellitus, a prothrombotic disease]. 2017 , 66, 385-392	15
1320	Metabolomics applied to diabetes-lessons from human population studies. 2017 , 93, 136-147	19
1319	Effect of metformin and celecoxib on cytotoxicity and release of GDF-15 from human mesenchymal stem cells in high glucose condition. 2017 , 35, 407-413	6
1318	Low dose doxycycline decreases systemic inflammation and improves glycemic control, lipid profiles, and islet morphology and function in db/db mice. 2017 , 7, 14707	20

1317	Palestinian Arab ethnicity is associated with an adverse metabolic phenotype. 2017 , 475, 56-63	1
1316	KLK5 induces shedding of DPP4 from circulatory Th17 cells in type 2 diabetes. 2017 , 6, 1529-1539	28
1315	ERV1 Overexpression in Myeloid Cells Protects against High Fat Diet Induced Obesity and Glucose Intolerance. 2017 , 7, 12848	25
1314	Endoplasmic reticulum stress induced by lipopolysaccharide is involved in the association between inflammation and autophagy in INS-1 cells. 2017 , 16, 5787-5792	9
1313	IL-37 and 38 signalling in gestational diabetes. 2017 , 124, 8-14	21
1312	Rheumatoid arthritis and risk for Alzheimer's disease: a systematic review and meta-analysis and a Mendelian Randomization study. 2017 , 7, 12861	15
1311	CRP-level-associated polymorphism rs1205 within the CRP gene is associated with 2-hour glucose level: The SAPPHIRe study. 2017 , 7, 7987	8
1310	Spleen-Derived Anti-Inflammatory Cytokine IL-10 Stimulated by Adipose Tissue-Derived Stem Cells Protects Against Type 2 Diabetes. 2017 , 26, 1749-1758	9
1309	Salidroside alleviates high glucose-induced oxidative stress and extracellular matrix accumulation in rat glomerular mesangial cells by the TXNIP-NLRP3 inflammasome pathway. 2017 , 278, 48-53	60
1308	Exendin-4, a Glucagonlike Peptide-1 Receptor Agonist, Attenuates Breast Cancer Growth by Inhibiting NF- κ B Activation. 2017 , 158, 4218-4232	26
1307	Macrophage VLDLR mediates obesity-induced insulin resistance with adipose tissue inflammation. 2017 , 8, 1087	41
1306	Essential Role of IL-12 in Angiogenesis in Type 2 Diabetes. 2017 , 187, 2590-2601	17
1305	Prevalence of type 2 diabetes and impaired fasting glucose in patients affected by rheumatoid arthritis: Results from a cross-sectional study. 2017 , 96, e7896	32
1304	Cold water immersion: kill or cure?. 2017 , 102, 1335-1355	48
1303	The β cell assassin: IAPP cytotoxicity. 2017 , 59, R121-R140	63
1302	Shared Dysregulation of Homeostatic Brain-Body Pathways in Depression and Type 2 Diabetes. 2017 , 17, 90	13
1301	The Effects of Chronic Aerobic Exercise on Cardiovascular Risk Factors in Persons with Diabetes Mellitus. 2017 , 17, 97	22
1300	Prevalence of metabolic syndrome among elderly Mexicans. 2017 , 73, 288-293	17

1299	Health relevance of the modification of low grade inflammation in ageing (inflammageing) and the role of nutrition. 2017 , 40, 95-119	221
1298	From psychological moments to mortality: A multidisciplinary synthesis on heart rate variability spanning the continuum of time. 2017 , 83, 547-567	63
1297	Metformin in combination with rosiglitazone contribute to the increased serum adiponectin levels in people with type 2 diabetes mellitus. 2017 , 14, 2521-2526	8
1296	Anti-inflammatory effects of exercise: role in diabetes and cardiovascular disease. 2017 , 47, 600-611	268
1295	Differential Associations of Inflammatory Markers With Insulin Sensitivity and Secretion: The Prospective METSIM Study. 2017 , 102, 3600-3609	32
1294	Sulfonylureas as Concomitant Insulin Secretagogues and NLRP3 Inflammasome Inhibitors. 2017 , 12, 1449-1457	32
1293	Amyloid formation disrupts the balance between interleukin-1 β and interleukin-1 receptor antagonist in human islets. 2017 , 6, 833-844	17
1292	Peripheral leucocytes and tissue gene expression of granzyme B/perforin system and serpinB9: Impact on inflammation and insulin resistance in coronary atherosclerosis. 2017 , 131, 132-141	8
1291	Coronary microvascular disease as an early culprit in the pathophysiology of diabetes and metabolic syndrome. 2017 , 123, 114-121	37
1290	Cell size control - a mechanism for maintaining fitness and function. 2017 , 39, 1700058	27
1289	Induction of IAPP amyloid deposition and associated diabetic abnormalities by a prion-like mechanism. 2017 , 214, 2591-2610	48
1288	Understanding the relation between socioeconomic position and inflammation in post-menopausal women: education, income and occupational prestige. 2017 , 27, 1074-1079	4
1287	Targeting Inflammation in Rotator Cuff Tendon Degeneration and Repair. 2017 , 18, 84-90	20
1286	Metabolic crosstalk between fatty pancreas and fatty liver: effects on local inflammation and insulin secretion. 2017 , 60, 2240-2251	58
1285	Inflammation: a New Player in the Link Between Mediterranean Diet and Diabetes Mellitus: a Review. 2017 , 6, 247-256	7
1284	The Role of Skeletal Muscle Estrogen Receptors in Metabolic Homeostasis and Insulin Sensitivity. 2017 , 1043, 257-284	4
1283	Synergistic gene expression during the acute phase response is characterized by transcription factor assisted loading. 2017 , 8, 1849	40
1282	Momordica charantia extracts ameliorate insulin resistance by regulating the expression of SOCS-3 and JNK in type 2 diabetes mellitus rats. 2017 , 55, 2170-2177	38

1281	A network analysis to compare biomarker profiles in patients with and without diabetes mellitus in acute heart failure. 2017 , 19, 1310-1320	39
1280	The nuclear factor-erythroid 2-related factor/heme oxygenase-1 axis is critical for the inflammatory features of type 2 diabetes-associated osteoarthritis. 2017 , 292, 14505-14515	27
1279	Symptoms of anxiety and depression in type 2 diabetes: Associations with clinical diabetes measures and self-management outcomes in the Norwegian HUNT study. 2017 , 84, 116-123	26
1278	MAP4K4 and IL-6 Th17 cells play important roles in non-obese type 2 diabetes. 2017 , 24, 4	8
1277	Type 2 diabetes and obesity induce similar transcriptional reprogramming in human myocytes. 2017 , 9, 47	23
1276	Nutrition and Hyperglycemia Management in the Inpatient Setting (Meals on Demand, Parenteral, or Enteral Nutrition). 2017 , 17, 59	14
1275	Type 2 diabetes mellitus and psychological stress - a modifiable risk factor. 2017 , 13, 547-560	152
1274	An Empirical Dietary Inflammatory Pattern Score Enhances Prediction of Circulating Inflammatory Biomarkers in Adults. 2017 , 147, 1567-1577	56
1273	Levels of metabolic markers in drug-naive prediabetic and type 2 diabetic patients. 2017 , 54, 163-170	21
1272	From obesity through immunity to type 2 diabetes mellitus. 2017 , 37, 407-418	3
1271	White blood cell subtypes and risk of type 2 diabetes. 2017 , 31, 31-37	27
1270	Low-grade inflammation and its relation to obesity and chronic degenerative diseases. 2017 , 80, 101-105	74
1269	Mild hyperglycemia triggered islet function recovery in streptozotocin-induced insulin-deficient diabetic rats. 2017 , 8, 44-55	3
1268	Spices in the management of diabetes mellitus. 2017 , 217, 281-293	76
1267	Epigenetic mechanisms of macrophage activation in type 2 diabetes. 2017 , 222, 937-943	32
1266	Carbohydrates and insulin resistance in clinical nutrition: Recommendations from the ESPEN expert group. 2017 , 36, 355-363	43
1265	Adiposity induced by interleukin-17A blockade. 2017 , 43, 93-94	4
1264	Brain and muscle aryl hydrocarbon receptor nuclear translocator-like protein-1 cooperates with glycogen synthase kinase-3 β to regulate osteogenesis of bone-marrow mesenchymal stem cells in type 2 diabetes. 2017 , 440, 93-105	12

1263	Adiponectin and pro-inflammatory cytokines are modulated in Vietnamese patients with type 2 diabetes mellitus. 2017 , 8, 295-305	34
1262	C-peptide antioxidant adaptive pathways in β cells and diabetes. 2017 , 281, 7-24	12
1261	Reduced neurotrophic factor level is the early event before the functional neuronal deficiency in high-fat diet induced obese mice. 2017 , 32, 247-257	11
1260	Does white blood cell count predict diabetes incidence in the general Chinese population over time?. 2017 , 37, 195-200	
1259	Metformin and cancer: An existing drug for cancer prevention and therapy. 2018 , 15, 683-690	87
1258	Group 2 and 3 Innate Lymphoid Cells: New Actors in Immunity and Inflammation. 2017 , 341-364	
1257	Effects of hepato-preferential basal insulin peglispro on nuclear magnetic resonance biomarkers lipoprotein insulin resistance index and GlycA in patients with diabetes. 2017 , 11, 991-1001	2
1256	Platelets, Haemostasis and Inflammation. 2017 ,	2
1255	Mechanisms of Platelet Activation in Diabetes Mellitus. 2017 , 137-152	2
1254	Dietary Polyphenols in the Prevention and Treatment of Diabetes Mellitus. 2017 , 377-395	2
1253	Identification of key genes associated with congenital heart defects in embryos of diabetic mice. 2018 , 17, 3697-3707	2
1252	. 2017 ,	1
1251	Imaging Genetics in Humans. 2017 , 361-369	
1250	Mitigation of monocyte inflammation by inhibition of sodium phosphate co-transporter with phosphonoformic acid and parthenolide in diabetic nephropathy uremia. 2017 , 16, 1601	
1249	Novel biomarkers for prediabetes, diabetes, and associated complications. 2017 , 10, 345-361	88
1248	IL-1 β inhibition in Cardiovascular Complications Associated to Diabetes Mellitus. 2017 , 8, 363	60
1247	An Overview of Herbal Products and Secondary Metabolites Used for Management of Type Two Diabetes. 2017 , 8, 436	85
1246	NLRP3 Inflammasome as a Molecular Marker in Diabetic Cardiomyopathy. 2017 , 8, 519	95

1245	Interleukin-6 in Schizophrenia-Is There a Therapeutic Relevance?. 2017 , 8, 221	35
1244	Overfat and Underfat: New Terms and Definitions Long Overdue. 2016 , 4, 279	40
1243	The Prevalence of Overfat Adults and Children in the US. 2017 , 5, 290	13
1242	Regulatory Eosinophils in Inflammation and Metabolic Disorders. 2017 , 17, 41-47	16
1241	Hyperglycemia and Hyperinsulinemia-Like Conditions Independently Induce Inflammatory Responses in Human Chondrocytes. 2017 , 2, 15	1
1240	Protein-Based Drug-Delivery Materials. 2017 , 10,	73
1239	Assessment of the Anti-Hyperglycaemic, Anti-Inflammatory and Antioxidant Activities of the Methanol Extract of Moringa Oleifera in Diabetes-Induced Nephrotoxic Male Wistar Rats. 2017 , 22,	76
1238	Nutrients and the Pancreas: An Epigenetic Perspective. 2017 , 9,	16
1237	Role of Ketotifen on metabolic profiles, inflammation and oxidative stress in diabetic rats. 2017 , 64, 411-416	2
1236	Recent Advances in Nanoparticle-Mediated Delivery of Anti-Inflammatory Phytochemicals. 2017 , 18,	57
1235	Bioavailability and Metabolism of Bioactive Compounds From Foods. 2017 , 301-319	6
1234	Diabetes and Sepsis: Risk, Recurrence, and Ruination. 2017 , 8, 271	32
1233	Targeting the Monocyte-Macrophage Lineage in Solid Organ Transplantation. 2017 , 8, 153	36
1232	Dysbiosis of the Urinary Microbiota Associated With Urine Levels of Proinflammatory Chemokine Interleukin-8 in Female Type 2 Diabetic Patients. 2017 , 8, 1032	16
1231	Detection of Increased Plasma Interleukin-6 Levels and Prevalence of and in the Feces of Type 2 Diabetes Patients. 2017 , 8, 1107	68
1230	Lysosomal Ca Signaling Regulates High Glucose-Mediated Interleukin-1 β Secretion Transcription Factor EB in Human Monocytic Cells. 2017 , 8, 1161	17
1229	New Implications for the Melanocortin System in Alcohol Drinking Behavior in Adolescents: The Glial Dysfunction Hypothesis. 2017 , 11, 90	13
1228	Inflammation: The Common Pathway of Stress-Related Diseases. 2017 , 11, 316	251

1227	The Imbalance of B-Lymphocyte Subsets in Subjects with Different Glucose Tolerance: Relationship with Metabolic Parameter and Disease Status. 2017 , 2017, 5052812	9
1226	Physical Exercise on Inflammatory Markers in Type 2 Diabetes Patients: A Systematic Review of Randomized Controlled Trials. 2017 , 2017, 8523728	24
1225	Activation of NLRP3 Inflammasome by Advanced Glycation End Products Promotes Pancreatic Islet Damage. 2017 , 2017, 9692546	26
1224	Concurrent Aerobic and Resistance Training Has Anti-Inflammatory Effects and Increases Both Plasma and Leukocyte Levels of IGF-1 in Late Middle-Aged Type 2 Diabetic Patients. 2017 , 2017, 3937842	25
1223	Inflammatory Regulation in Diabetes and Metabolic Dysfunction. 2017 , 2017, 5165268	16
1222	The Effects of Diabetes Induction on the Rat Heart: Differences in Oxidative Stress, Inflammatory Cells, and Fibrosis between Subendocardial and Interstitial Myocardial Areas. 2017 , 2017, 5343972	16
1221	Diabetic Foot Ulcers and Epidermal Growth Factor: Revisiting the Local Delivery Route for a Successful Outcome. 2017 , 2017, 2923759	23
1220	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. 2017 , 2017, 9410954	40
1219	The short chain fatty acid receptor GPR43 regulates inflammatory signals in adipose tissue M2-type macrophages. 2017 , 12, e0179696	57
1218	Obesity/Type II diabetes alters macrophage polarization resulting in a fibrotic tendon healing response. 2017 , 12, e0181127	27
1217	Impact of diabetes mellitus on indeterminate results of the QuantiFERON TB Gold In-Tube test: A propensity score matching analysis. 2017 , 12, e0181887	3
1216	Associations between self-reported diabetes and 78 circulating markers of inflammation, immunity, and metabolism among adults in the United States. 2017 , 12, e0182359	6
1215	Primary prevention of myocardial infarction with angiotensin-converting enzyme inhibitors and angiotensin receptor blockers in hypertensive patients with rheumatoid arthritis-A nationwide cohort study. 2017 , 12, e0188720	7
1214	Selenoprotein S: a therapeutic target for diabetes and macroangiopathy?. 2017 , 16, 101	17
1213	Inverse associations between serum levels of secreted frizzled-related protein-5 (SFRP5) and multiple cardiometabolic risk factors: KORA F4 study. 2017 , 16, 109	37
1212	Is it a supplementary benefit to use anti-inflammatory agents in the treatment of type 2 diabetes?. 2017 , 10, 471	2
1211	Association of Plasma Magnesium with Prediabetes and Type 2 Diabetes Mellitus in Adults. 2017 , 7, 12763	12
1210	Epidemiology of Helicobacter pylori Infection among Symptomatic Patients, Correlation with Endoscopic Findings and its Association with Type II Diabetes Mellitus. 2017 , 07,	1

1209	Using molecular functional networks to manifest connections between obesity and obesity-related diseases. 2017 , 8, 85136-85149	5
1208	Healthy Dining Out in Diabetic Patients. 2017 , 18, 264	
1207	Effect of quercetin nanoparticles on the kidney of the streptozotocin-induced diabetes in male rats: A histological study and serum biochemical alterations. 2017 , 16, 1944-1952	2
1206	Inflammaging and age-associated diseases. 2017 , 54, 105-113	3
1205	Role of pro- and anti-inflammatory phenomena in the physiopathology of type 2 diabetes and obesity. 2017 , 8, 120-128	58
1204	The non-canonical NF- κ B pathway in immunity and inflammation. <i>Nature Reviews Immunology</i> , 2017 , 17, 545-558	36.5 661
1203	Effect of Elevated C-Reactive Protein Level at Discharge on Long-Term Outcome in Patients Hospitalized for Acute Heart Failure. 2018 , 121, 961-968	7
1202	Signaling between pancreatic β cells and macrophages via S100 calcium-binding protein A8 exacerbates β cell apoptosis and islet inflammation. 2018 , 293, 5934-5946	21
1201	Evidence against a role for NLRP3-driven islet inflammation in db/db mice. 2018 , 10, 66-73	29
1200	Visceral Adipose Tissue Immune Homeostasis Is Regulated by the Crosstalk between Adipocytes and Dendritic Cell Subsets. 2018 , 27, 588-601.e4	73
1199	Cardioprotective effect of resistance training and Crataegus oxyacantha extract on ischemia reperfusion-induced oxidative stress in diabetic rats. 2018 , 100, 455-460	15
1198	IL-6 signalling pathways and the development of type 2 diabetes. 2018 , 26, 685-698	72
1197	Effect of gallic acid on purinergic signaling in lymphocytes, platelets, and serum of diabetic rats. 2018 , 101, 30-36	9
1196	High-intensity body weight training is comparable to combined training in changes in muscle mass, physical performance, inflammatory markers and metabolic health in postmenopausal women at high risk for type 2 diabetes mellitus: A randomized controlled clinical trial. 2018 , 107, 108-115	15
1195	High IL-1 β Production Was Induced in the WBN/Kob- Type 2 Diabetes Mellitus Rat Model and Inhibited by Infection. 2018 , 55, 12-20	
1194	Staphylococcus aureus blocks insulin function. 2018 , 3, 533-534	1
1193	Non-invasive diagnosis of type 2 diabetes in Helicobacter pylori infected patients using isotope-specific infrared absorption measurements. 2018 , 54, 435-445	3
1192	Optimization of lipid-assisted nanoparticle for disturbing neutrophils-related inflammation. 2018 , 172, 92-104	28

1191	BG-4, a novel bioactive peptide from momordica charantia, inhibits lipopolysaccharide-induced inflammation in THP-1 human macrophages. 2018 , 42, 226-232	17
1190	High Glucose Stimulates Expression of MFHAS1 to Mitigate Inflammation via Akt/HO-1 Pathway in Human Umbilical Vein Endothelial Cells. 2018 , 41, 400-408	6
1189	Clinical Decision-Making when Treating Diabetic Macular Edema Patients with Dexamethasone Intravitreal Implants. 2018 , 240, 61-72	12
1188	Self-assembled hyaluronic acid nanoparticles: Implications as a nanomedicine for treatment of type 2 diabetes. 2018 , 279, 89-98	35
1187	Structural insights into suppressor of cytokine signaling 1 protein- identification of new leads for type 2 diabetes mellitus. 2018 , 31, e2706	6
1186	Association between serum uric acid, high sensitive C-reactive protein and pro-oxidant-antioxidant balance in patients with metabolic syndrome. 2018 , 44, 263-271	16
1185	Low-grade inflammation and muscular fitness on insulin resistance in adolescents: Results from LabMed Physical Activity Study. 2018 , 19, 429-435	10
1184	The role of IL-1 in postprandial fatigue. 2018 , 12, 107-112	8
1183	Serum apolipoprotein A-1 concentrations and the prevalence of cardiovascular autonomic neuropathy in individuals with type 2 diabetes. 2018 , 32, 357-361	6
1182	FNDC5 attenuates adipose tissue inflammation and insulin resistance via AMPK-mediated macrophage polarization in obesity. 2018 , 83, 31-41	66
1181	Relationship between serum adipsin and the first phase of glucose-stimulated insulin secretion in individuals with different glucose tolerance. 2018 , 9, 1128-1134	17
1180	Increased Expression of the Innate Immune Receptor TLR10 in Obesity and Type-2 Diabetes: Association with ROS-Mediated Oxidative Stress. 2018 , 45, 572-590	41
1179	Cell-Specific Deletion of the IL-1 Receptor Antagonist Impairs Cell Proliferation and Insulin Secretion. 2018 , 22, 1774-1786	37
1178	Dietary Glycemic Index and Glycemic Load Are Positively Associated with Oxidative Stress among Premenopausal Women. 2018 , 148, 125-130	5
1177	Implications of Underlying Mechanisms for the Recognition and Management of Diabetic Cardiomyopathy. 2018 , 71, 339-351	138
1176	The NLRP3 inflammasome: Role in metabolic disorders and regulation by metabolic pathways. 2018 , 419, 8-19	55
1175	Glyburide and retinoic acid synergize to promote wound healing by anti-inflammation and RIP140 degradation. 2018 , 8, 834	13
1174	Cation-Independent Mannose 6-Phosphate Receptor Deficiency Enhances Cell Susceptibility to Palmitate. 2018 , 38,	3

1173	Inflammation role in sensory neuropathy in Chinese patients with diabetes/prediabetes. 2018 , 166, 136-140	12
1172	Ageing potentiates diet-induced glucose intolerance, β cell failure and tissue inflammation through TLR4. 2018 , 8, 2767	20
1171	Effects of Mindfulness on Psychological Distress and HbA1c in People with Diabetes. 2018 , 9, 1615-1626	9
1170	High-density lipoprotein-mimicking nanodiscs carrying peptide for enhanced therapeutic angiogenesis in diabetic hindlimb ischemia. 2018 , 161, 69-80	15
1169	Interleukin-22 reverses human islet dysfunction and apoptosis triggered by hyperglycemia and LIGHT. 2018 , 60, 171-183	4
1168	Implication of altered ubiquitin-proteasome system and ER stress in the muscle atrophy of diabetic rats. 2018 , 639, 16-25	22
1167	Hypoxia potentiates LPS-induced inflammatory response and increases cell death by promoting NLRP3 inflammasome activation in pancreatic β cells. 2018 , 495, 2512-2518	17
1166	Ex vivo and in vitro assessment of anti-inflammatory activity of seed β conglutinin proteins from <i>Lupinus angustifolius</i> . 2018 , 40, 510-519	14
1165	Immunomodulatory ECM-like Microspheres for Accelerated Bone Regeneration in Diabetes Mellitus. 2018 , 10, 2377-2390	85
1164	TAp63 is correlated with chronic inflammation in patients with newly diagnosed type 2 diabetes mellitus. 2018 , 32, 335-341	1
1163	Short-term sustained hyperglycaemia fosters an archetypal senescence-associated secretory phenotype in endothelial cells and macrophages. 2018 , 15, 170-181	69
1162	Zinc supplementation alleviates the progression of diabetic nephropathy by inhibiting the overexpression of oxidative-stress-mediated molecular markers in streptozotocin-induced experimental rats. 2018 , 54, 113-129	22
1161	Functional characterization and phenotypic monitoring of human hematopoietic stem cell expansion and differentiation of monocytes and macrophages by whole-cell mass spectrometry. 2018 , 26, 47-54	5
1160	Interleukin-23 promotes intestinal T helper type17 immunity and ameliorates obesity-associated metabolic syndrome in a murine high-fat diet model. 2018 , 154, 624	13
1159	Characterization of circulating leukocytes and correlation of leukocyte subsets with metabolic parameters 1 and 5 years after diabetes diagnosis. 2018 , 55, 723-731	7
1158	hIAPP forms toxic oligomers in plasma. 2018 , 54, 5426-5429	19
1157	Coffee consumption and reduced risk of developing type 2 diabetes: a systematic review with meta-analysis. 2018 , 76, 395-417	90
1156	High-sensitivity C-reactive protein, low-grade systemic inflammation and type 2 diabetes mellitus: A two-sample Mendelian randomization study. 2018 , 28, 795-802	10

1155	Tropisetron modulates peripheral and central serotonin/insulin levels insulin and nuclear factor kappa B/receptor for advanced glycation end products signalling to regulate type-2 diabetes in rats.. 2018 , 8, 11908-11920	3
1154	n-3 PUFA and obesity: from peripheral tissues to the central nervous system. 2018 , 119, 1312-1323	13
1153	Cytokines and fatty liver diseases. 2018 , 2, 14-20	40
1152	Specificity of late-night salivary cortisol measured by automated electrochemiluminescence immunoassay for Cushing's disease in an obese population. 2018 , 41, 1325-1331	8
1151	Loss of ovarian function in association with a high-fat diet promotes insulin resistance and disturbs adipose tissue immune homeostasis. 2018 , 57, 93-102	15
1150	Combined treatment with interleukin-1 and tumor necrosis factor-alpha antagonists improve type 2 diabetes in rats. 2018 , 96, 751-756	5
1149	Involvement of estrogen receptors in silibinin protection of pancreatic β cells from TNF α or IL-1 β induced cytotoxicity. 2018 , 102, 344-353	27
1148	Insulin downregulates C3 gene expression in human HepG2 cells through activation of PPAR α 2018 , 97, 204-215	3
1147	Levels of Interleukin 27 and Interleukin 35 in the Serum and Vitreous of Patients with Proliferative Diabetic Retinopathy. 2018 , 26, 273-279	8
1146	Genome-wide association study identifies pharmacogenomic loci linked with specific antihypertensive drug treatment and new-onset diabetes. 2018 , 18, 106-112	3
1145	Low dietary n-6/n-3 polyunsaturated fatty acid ratio prevents induced oral carcinoma in a hamster pouch model. 2018 , 136, 67-75	7
1144	Tumor Necrosis Factor-Alpha: Role in Development of Insulin Resistance and Pathogenesis of Type 2 Diabetes Mellitus. 2018 , 119, 105-110	216
1143	Physical activity modifies the influence of apolipoprotein E ϵ 4 allele and type 2 diabetes on dementia and cognitive impairment among older Mexican Americans. 2018 , 14, 1-9	38
1142	Down-regulation of miRNAs in the brain and development of diet-induced obesity. 2018 , 64, 2-7	5
1141	Comparison of RAW264.7, human whole blood and PBMC assays to screen for immunomodulators. 2018 , 452, 26-31	16
1140	Relationship Between Serum Macrophage Migration Inhibitory Factor Level and Insulin Resistance, High-Sensitivity C-Reactive Protein and Visceral Fat Mass in Prediabetes. 2018 , 355, 37-43	2
1139	Chronic periodontitis, inflammatory cytokines, and interrelationship with other chronic diseases. 2018 , 130, 98-104	166
1138	Associations between daily cooking duration and the prevalence of diabetes and prediabetes in a middle-aged and elderly Chinese population: A cross-sectional study. 2018 , 28, 238-246	4

1137	Lipid environment induces ER stress, TXNIP expression and inflammation in immune cells of individuals with type 2 diabetes. 2018 , 61, 399-412	69
1136	The spectrum of T cell metabolism in health and disease. <i>Nature Reviews Immunology</i> , 2018 , 18, 19-34	36.5 202
1135	Antibiotic Pharmacokinetic/Pharmacodynamic Considerations in the Critically Ill. 2018 ,	2
1134	Dosing in Obese Critically Ill Patients. 2018 , 47-72	1
1133	Metabolic and genomic adaptations to winter fattening in a primate species, the grey mouse lemur (<i>Microcebus murinus</i>). 2018 , 42, 221-230	8
1132	Acute sleep disruption- and high-fat diet-induced hypothalamic inflammation are not related to glucose tolerance in mice. 2018 , 4, 1-9	8
1131	HbA is associated with altered expression in blood of cell cycle- and immune response-related genes. 2018 , 61, 138-146	7
1130	Role of NLRP3 inflammasome in the pathogenesis of cardiovascular diseases. 2018 , 113, 5	161
1129	Low-grade systemic inflammation: a partial mediator of the relationship between diabetes and lung function. 2018 , 28, 26-32	12
1128	G Protein-Coupled Receptors Targeting Insulin Resistance, Obesity, and Type 2 Diabetes Mellitus. 2018 , 70, 39-67	53
1127	Obesity phenotypes: depot-differences in adipose tissue and their clinical implications. 2018 , 23, 3-14	43
1126	Dietary Fiber in Health and Disease. 2018 ,	4
1125	Impact of systemic inflammation on the relationship between insulin resistance and all-cause and cancer-related mortality. 2018 , 81, 52-62	16
1124	Fiber in Type 2 Diabetes Prevention and Management. 2018 , 227-249	
1123	Therapeutic vaccine against IL-1 β improved glucose control in a mouse model of type 2 diabetes. 2018 , 192, 68-74	8
1122	Effect of <i>Mycobacterium tuberculosis</i> infection on adipocyte physiology. 2018 , 20, 81-88	10
1121	TXNDC5 contributes to rheumatoid arthritis by down-regulating IGFBP1 expression. 2018 , 192, 82-94	5
1120	A Novel Peptide with Similar Pharmacology to Exenatide in Rodents as GLP-1 Receptor Agonist. 2018 , 24, 271-278	

1119	Factors Determining Blood and Urine Concentrations of Metformin among Patients with Type 2 Diabetes: A Cross Sectional Study. 2018 , 7,	1
1118	p-21 Activated Kinase as a Molecular Target for Chemoprevention in Diabetes. 2018 , 3,	5
1117	L'Internista ospedaliero nella gestione del paziente diabetico complesso. 2018 , 6, 1	0
1116	Nutritional and Pharmacological Effects on Oxidative Stress in Soft Tissue and Bone Remodeling. 2018 , 2018, 4183407	9
1115	Human Umbilical Cord-Derived Stem Cells: Isolation, Characterization, Differentiation, and Application in Treating Diabetes. 2018 , 46, 399-412	13
1114	Silent Inflammation – Stumme Entzündung. 2018 , 67, 192-196	
1113	Function of Pro-Resolving Lipid Mediator Resolvin E1 in Type 2 Diabetes. 2018 , 38, 343-365	16
1112	Extracts of okra (<i>Abelmoschus esculentus</i> L.) improves dyslipidemia by ameliorating lipid profile while not affecting hs-CRP levels in streptozotocin-induced rats. 2018 , 196, 012039	3
1111	Cystic fibrosis-related diabetes is caused by islet loss and inflammation. 2018 , 3,	75
1110	Opinion on the Hurdles and Potential Health Benefits in Value-Added Use of Plant Food Processing By-Products as Sources of Phenolic Compounds. 2018 , 19,	36
1109	Association of Impaired Vascular Endothelial Function with Increased Cardiovascular Risk in Asymptomatic Adults. 2018 , 2018, 3104945	6
1108	The E3 ubiquitin ligase MARCH1 regulates glucose-tolerance and lipid storage in a sex-specific manner. 2018 , 13, e0204898	5
1107	The Role of Leukocytes in Diabetic Cardiomyopathy. 2018 , 9, 1547	33
1106	p53 as a double-edged sword in the progression of non-alcoholic fatty liver disease. 2018 , 215, 64-72	13
1105	Anakinra Therapy for Non-cancer Inflammatory Diseases. 2018 , 9, 1157	137
1104	The impact of sarcopenic obesity on inflammation, lean body mass, and muscle strength in elderly women. 2018 , 11, 443-449	10
1103	Toxicity to the Insulin-Secreting β Cell. 2018 , 205-229	1
1102	Cardiovascular and Metabolic Comorbidities in Rheumatoid Arthritis. 2018 , 20, 81	23

1101	Targeting the gut microbiome to treat the osteoarthritis of obesity. 2018 , 3,	104
1100	Preclinical Assessment of the Proliferation Capacity of Gingival and Periodontal Ligament Stem Cells from Diabetic Patients. 2018 , 6, 254-259	7
1099	Cytokine production capabilities of human primary monocyte-derived macrophages from patients with diabetes mellitus type 2 with and without diabetic peripheral neuropathy. 2019 , 12, 69-81	10
1098	Association Analysis of NLRP3 Inflammation-Related Gene Promotor Methylation as Well as Mediating Effects on T2DM and Vascular Complications in a Southern Han Chinese Population. 2018 , 9, 709	5
1097	Circulating Exosomal miR-20b-5p Is Elevated in Type 2 Diabetes and Could Impair Insulin Action in Human Skeletal Muscle. 2019 , 68, 515-526	54
1096	Application of metabolomics part II: Focus on fatty acids and their metabolites in healthy adults. 2019 , 43, 233-242	16
1095	MicroRNAs and histone deacetylase inhibition-mediated protection against inflammatory β cell damage. 2018 , 13, e0203713	12
1094	Modulation of lipid mediator profile may contribute to amelioration of chronic inflammation in adipose tissue of obese mice by pioglitazone. 2018 , 505, 29-35	6
1093	Nanoparticulate-based drug delivery systems for small molecule anti-diabetic drugs: An emerging paradigm for effective therapy. 2018 , 81, 20-42	22
1092	Catestatin as a Target for Treatment of Inflammatory Diseases. 2018 , 9, 2199	27
1091	Therapeutic Potential of Fulvic Acid in Chronic Inflammatory Diseases and Diabetes. 2018 , 2018, 5391014	21
1090	Significance of urinary 11-dehydro-thromboxane B in age-related diseases: Focus on atherothrombosis. 2018 , 48, 51-78	14
1089	ATP/P2X7 receptor signaling as a potential anti-inflammatory target of natural polyphenols. 2018 , 13, e0204229	11
1088	Syntaxin 4 Expression in Pancreatic β Cells Promotes Islet Function and Protects Functional β Cell Mass. 2018 , 67, 2626-2639	8
1087	Kardiovaskuläre Erkrankungen bei Diabetes. 2018 , 14, 393-403	1
1086	Systemic effects of periodontitis treatment in patients with type 2 diabetes: a 12 month, single-centre, investigator-masked, randomised trial. 2018 , 6, 954-965	137
1085	Distinct contributions of hyperglycemia and high-fat feeding in metabolic syndrome-induced neuroinflammation. 2018 , 15, 293	19
1084	Inflammation, Immunity, and Infection in Atherothrombosis: JACC Review Topic of the Week. 2018 , 72, 2071-2081	256

1083	Therapeutic Approaches to Nonalcoholic Fatty Liver Disease: Exercise Intervention and Related Mechanisms. 2018 , 9, 588	25
1082	Identification of key gene pathways and coexpression networks of islets in human type 2 diabetes. 2018 , 11, 553-563	9
1081	A Unique Population: Adipose-Resident Regulatory T Cells. 2018 , 9, 2075	32
1080	Inflammation Markers in Type 2 Diabetes and the Metabolic Syndrome in the Pediatric Population. 2018 , 18, 131	37
1079	Porous and responsive hydrogels for cell therapy. 2018 , 38, 135-157	20
1078	Emerging Roles for Mesencephalic Astrocyte-Derived Neurotrophic Factor (MANF) in Pancreatic Beta Cells and Diabetes. 2018 , 9, 1457	10
1077	A Review of Data of Findings on Night Shift Work and the Development of DM and CVD Events: a Synthesis of the Proposed Molecular Mechanisms. 2018 , 18, 132	30
1076	Catch-up growth, metabolic, and cardiovascular risk in post-institutionalized Romanian adolescents. 2018 , 84, 842-848	15
1075	Th17 and Treg lymphocytes in obesity and Type 2 diabetic patients. 2018 , 197, 77-85	43
1074	The Role of Hepatocyte Growth Factor (HGF) in Insulin Resistance and Diabetes. 2018 , 9, 503	35
1073	Apoptotic Cells induce macrophage reprogramming under diabetic conditions. 2018 , 293, 16160-16173	13
1072	Profile of three boron-containing compounds on the body weight, metabolism and inflammatory markers of diabetic rats. 2018 , 50, 424-429	8
1071	Er-Miao-Fang Extracts Inhibits Adipose Lipolysis and Reduces Hepatic Gluconeogenesis via Suppression of Inflammation. 2018 , 9, 1041	7
1070	More than an Anti-diabetic Bariatric Surgery, Metabolic Surgery Alleviates Systemic and Local Inflammation in Obesity. 2018 , 28, 3658-3668	18
1069	Aging and the Inflammasomes. 2018 , 108, 303-320	7
1068	FGF23 beyond Phosphotropic Hormone. 2018 , 29, 755-767	28
1067	2-Furoic piperazide derivatives as promising drug candidates of type 2 diabetes and Alzheimer's diseases: In vitro and in silico studies. 2018 , 77, 72-86	5
1066	Associations Between C-Reactive Protein, Insulin Sensitivity, and Resting Metabolic Rate in Adults: A Mediator Analysis. 2018 , 9, 556	25

1065	Increased Levels of Serum Protein Complexes Are Associated with Type 2 Diabetes. 2018 , 15, 210-216	1
1064	Adipose tissue-derived cytokines and their correlations with clinical characteristics in Vietnamese patients with type 2 diabetes mellitus. 2018 , 10, 41	9
1063	Comparative genotypic and phenotypic analysis of human peripheral blood monocytes and surrogate monocyte-like cell lines commonly used in metabolic disease research. 2018 , 13, e0197177	18
1062	Association between Resistin Gene Polymorphisms and Atopic Dermatitis. 2018 , 8,	10
1061	Role of Fibrinogen in Vascular Cognitive Impairment in Traumatic Brain Injury. 2018 ,	2
1060	Type 2 diabetes - An autoinflammatory disease driven by metabolic stress. 2018 , 1864, 3805-3823	37
1059	Neuroprotective exendin-4 enhances hypothermia therapy in a model of hypoxic-ischaemic encephalopathy. 2018 , 141, 2925-2942	17
1058	Acute phase reactant proteins, anthropometric and dyslipidaemic changes associated with type 2 diabetic mellitus among Nigerian population. 2018 , 20, 557	
1057	The homing of human umbilical cord-derived mesenchymal stem cells and the subsequent modulation of macrophage polarization in type 2 diabetic mice. 2018 , 60, 235-245	24
1056	Neutrophils Provide a Favorable IL-1-Mediated Immunometabolic Niche that Primes GLUT4 Translocation and Performance in Skeletal Muscles. 2018 , 23, 2354-2364	14
1055	Equilibrative Nucleoside Transporter 3 Regulates T Cell Homeostasis by Coordinating Lysosomal Function with Nucleoside Availability. 2018 , 23, 2330-2341	10
1054	Structural Alteration of Gut Microbiota during the Amelioration of Human Type 2 Diabetes with Hyperlipidemia by Metformin and a Traditional Chinese Herbal Formula: a Multicenter, Randomized, Open Label Clinical Trial. 2018 , 9,	139
1053	Association between long-term exposure to ambient air pollution and diabetes mortality in the US. 2018 , 165, 330-336	41
1052	Occurrence of type 1 and type 2 diabetes in patients treated with immunotherapy (anti-PD-1 and/or anti-CTLA-4) for metastatic melanoma: a retrospective study. 2018 , 67, 1197-1208	17
1051	Autophagy and oxidative stress in non-communicable diseases: A matter of the inflammatory state?. 2018 , 124, 61-78	47
1050	Hyperglycemia Affects the Expression of Inflammatory Genes in Peripheral Blood Mononuclear Cells of Patients with Type 2 Diabetes. 2018 , 47, 654-665	13
1049	Insulin suppresses the production of fibroblast growth factor 23 (FGF23). 2018 , 115, 5804-5809	56
1048	Screening for dysglycaemia in dental primary care practice settings: systematic review of the evidence. 2018 , 68, 369-377	8

1047	Effect of Diacerein on Metabolic Control and Inflammatory Markers in Patients with Type 2 Diabetes Using Antidiabetic Agents: A Randomized Controlled Trial. 2018 , 2018, 4246521	10
1046	Impaired Inflammatory Response to LPS in Type 2 Diabetes Mellitus. 2018 , 2018, 2157434	15
1045	Increased plasma Interleukin-1 β level is associated with memory deficits in type 2 diabetic patients with mild cognitive impairment. 2018 , 96, 148-154	15
1044	WITHDRAWN: Cytokines and fatty liver diseases. 2018 ,	
1043	Potential Synergies of β -Hydroxybutyrate and Butyrate on the Modulation of Metabolism, Inflammation, Cognition, and General Health. 2018 , 2018, 7195760	79
1042	Effect of Vitamin D Supplementation on Some Inflammatory Biomarkers in Type 2 Diabetes Mellitus Subjects: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. 2018 , 73, 62-73	30
1041	Downregulation of IL-22 can be considered as a risk factor for onset of type 2 diabetes. 2018 , 119, 9254-9260	7
1040	Interleukin-6 determines protein stabilization of DNA methyltransferases and alters DNA promoter methylation of genes associated with insulin signaling and angiogenesis. 2018 , 98, 1143-1158	22
1039	The Potential of Epigenetic Compounds in Treating Diabetes. 2018 , 489-547	
1038	Saturated fatty acid attenuates anti-obesity effect of green tea. 2018 , 8, 10023	10
1037	Reviews of Interleukin-37: Functions, Receptors, and Roles in Diseases. 2018 , 2018, 3058640	52
1036	Macrophage Polarization in Chronic Inflammatory Diseases: Killers or Builders?. 2018 , 2018, 8917804	183
1035	Antidiabetic Activity and Chemical Composition of Melon Seed Oil. 2018 , 2018, 5434156	6
1034	Zingerone (4-(4-hydroxy-3-methylphenyl) butan-2-one) protects against alloxan-induced diabetes via alleviation of oxidative stress and inflammation: Probable role of NF- κ B activation. 2018 , 26, 1137-1145	23
1033	Effects of microalgae on antioxidant and anti-inflammatory factors in diabetic rats. 2018 , 11, 375-380	34
1032	Genetic interaction effects reveal lipid-metabolic and inflammatory pathways underlying common metabolic disease risks. 2018 , 11, 54	7
1031	A 42-Markers Pharmacokinetic Study Reveals Interactions of Berberine and Glycyrrhizic Acid in the Anti-diabetic Chinese Medicine Formula Gegen-Qinlian Decoction. 2018 , 9, 622	18
1030	Obesity, Fat Mass and Immune System: Role for Leptin. 2018 , 9, 640	166

1029	Hypoglycemic activity and constituents analysis of blueberry () fruit extracts. 2018 , 11, 357-366	11
1028	Inflammaging: a new immune-metabolic viewpoint for age-related diseases. 2018 , 14, 576-590	831
1027	Potential synergistic effects of quercetin with other phytoconstituents of <i>Costus pictus</i> (insulin plant) extract in the control of hyperglycemia and prevention of NSAID-induced gastroenteropathy in diabetic rats. 2018 , 120, 448-461	6
1026	Discovery of 4-Benzyloxybenzo[d]isoxazole-3-amine Derivatives as Highly Selective and Orally Efficacious Human Sphingomyelin Synthase 2 Inhibitors that Reduce Chronic Inflammation in db/db Mice. 2018 , 61, 8241-8254	17
1025	Mechanistically different effects of fat and sugar on insulin resistance, hypertension, and gut microbiota in rats. 2018 , 314, E552-E563	31
1024	Interactions Between the Neuroendocrine System and T Lymphocytes in Diabetes. 2018 , 9, 229	3
1023	Parallels in Immunometabolic Adipose Tissue Dysfunction with Ageing and Obesity. 2018 , 9, 169	67
1022	Comparing the inflammatory profiles for incidence of diabetes mellitus and cardiovascular diseases: a prospective study exploring the 'common soil' hypothesis. 2018 , 17, 87	30
1021	Interleukin-37 treatment of mice with metabolic syndrome improves insulin sensitivity and reduces pro-inflammatory cytokine production in adipose tissue. 2018 , 293, 14224-14236	29
1020	Synergistic Role Among Adipose Tissue Hypertrophy, Dyslipidemia, and Systemic Inflammation in the Development of Atherosclerosis. 2018 , 7, 27-38	1
1019	Human umbilical cord-derived mesenchymal stem cells direct macrophage polarization to alleviate pancreatic islets dysfunction in type 2 diabetic mice. 2018 , 9, 760	40
1018	Genetic determinants of co-accessible chromatin regions in activated T cells across humans. 2018 , 50, 1140-1150	74
1017	Halo-Substituted Chalcones and Azachalcones-Inhibited, Lipopolysaccharited-Stimulated, Pro-Inflammatory Responses through the TLR4-Mediated Pathway. 2018 , 23,	6
1016	Disparate Habitual Physical Activity and Dietary Intake Profiles of Elderly Men with Low and Elevated Systemic Inflammation. 2018 , 10,	9
1015	Effect of Dietary Sugar Intake on Biomarkers of Subclinical Inflammation: A Systematic Review and Meta-Analysis of Intervention Studies. 2018 , 10,	57
1014	IAPP/amylin deposition, which is correlated with expressions of ASC and IL-1 β β cells of Langerhans' islets, directly initiates NLRP3 inflammasome activation. 2018 , 32, 2058738418788749	15
1013	sFasL-mediated induction of neutrophil activation in patients with type 2 diabetes mellitus. 2018 , 13, e0201087	9
1012	Neutrophil-lymphocyte ratio correlates with limited joint mobility of hand in patients with type 2 diabetes. 2018 , 65, 1011-1017	2

1011	Inflammatory responses and inflammation-associated diseases in organs. 2018 , 9, 7204-7218	1276
1010	Diabetes and aortic aneurysm: current state of the art. 2018 , 114, 1702-1713	63
1009	Correlation between heat shock proteins, adiponectin, and T lymphocyte cytokine expression in type 2 diabetics. 2018 , 23, 955-965	10
1008	Tumor necrosis factor alpha improves glucose homeostasis in diabetic mice independent with tumor necrosis factor receptor 1 and tumor necrosis factor receptor 2. 2018 , 65, 601-609	3
1007	Vitamin D Switches BAF Complexes to Protect β Cells. 2018 , 173, 1135-1149.e15	98
1006	Association between Obesity and Circulating Brain-Derived Neurotrophic Factor (BDNF) Levels: Systematic Review of Literature and Meta-Analysis. 2018 , 19,	39
1005	Salidroside Attenuates High-Fat Diet-Induced Nonalcoholic Fatty Liver Disease via AMPK-Dependent TXNIP/NLRP3 Pathway. 2018 , 2018, 8597897	49
1004	Effects of tumor necrosis factor inhibitors and tocilizumab on the glycosylated hemoglobin levels in patients with rheumatoid arthritis; an observational study. 2018 , 13, e0196368	28
1003	The Pathogenesis of Diabetes Mellitus by Oxidative Stress and Inflammation: Its Inhibition by Berberine. 2018 , 9, 782	61
1002	Platelet count and 8-year incidence of diabetes: The Korean Genome and Epidemiology Study. 2018 , 143, 301-309	0
1001	Interactions Between Age, Diet, and Insulin and Their Effect on Cognition. 2018 , 223-238	
1000	Neuroinflammation, Type 2 Diabetes, and Dementia. 2018 , 195-209	3
999	Sex and the Aging Immune System. 2018 , 803-830	1
998	Obesity and Insulin Resistance Promote Atherosclerosis through an IFN γ Regulated Macrophage Protein Network. 2018 , 23, 3021-3030	41
997	Defining lipid mediators of insulin resistance - controversies and challenges. 2018 ,	16
996	Bacterial supernatants elevate glucose-dependent insulin secretion in rat pancreatic INS-1 line and islet β cells via PI3K/AKT signaling. 2019 , 452, 17-27	5
995	DPP-4 inhibition by linagliptin prevents cardiac dysfunction and inflammation by targeting the Nlrp3/ASC inflammasome. 2019 , 114, 35	32
994	Berberine restored nitrergic and adrenergic function in mesenteric and iliac arteries from streptozotocin-induced diabetic rats. 2019 , 244, 112140	5

993	Relationship between serum levels of immunoglobulins and metabolic syndrome in an adult population: A population study from the TCLSIH cohort study. 2019 , 29, 916-922	2
992	Antidiabetic, anti-inflammatory, anticholinesterase and cytotoxicity determination of two <i>Carpobrotus</i> species. 2019 , 125, 142-148	5
991	Oxidative stress, inflammatory settings, and microRNA regulation in the recurrent implantation failure patients with metabolic syndrome. 2019 , 82, e13170	21
990	<i>A. Berger</i> (Crassulaceae) Exerts Antidiabetic Activity by Improving Glucose and Lipid Levels in Type 2 Diabetic Mice. 2019 , 22, 797-809	4
989	Luteolin reduces adipose tissue macrophage inflammation and insulin resistance in postmenopausal obese mice. 2019 , 71, 72-81	15
988	Inflammation in the Pathophysiology and Therapy of Cardiometabolic Disease. 2019 , 40, 1080-1091	38
987	Identification of Novel Genetic Polymorphisms Associated with Type 2 Diabetes Mellitus: A Chinese Sib-Pair Study. 2019 , 23, 435-441	2
986	TERC promotes cellular inflammatory response independent of telomerase. 2019 , 47, 8084-8095	27
985	A Pilot Study towards the Impact of Type 2 Diabetes on the Expression and Activities of Drug Metabolizing Enzymes and Transporters in Human Duodenum. 2019 , 20,	6
984	Antidiabetic effects of pterostilbene through PI3K/Akt signal pathway in high fat diet and STZ-induced diabetic rats. 2019 , 859, 172526	29
983	Food insecurity is an important risk factor for type 2 diabetes: a case-control study of new referrals to the University clinics, Shiraz, Southern Iran. 2019 , 19, 885	6
982	Splenectomy fails to attenuate immuno-hematologic changes after rodent vertical sleeve gastrectomy. 2019 , 244, 1125-1135	3
981	Atherosclerosis Pathogenesis and Microvascular Dysfunction. 2019 ,	2
980	The Immune System and Inflammation in Type 2 Diabetes. 2019 , 145-167	
979	Potential roles of chromium on inflammatory biomarkers in diabetes: A Systematic. 2019 , 46, 975-983	16
978	Beta-cell dysfunction induced by non-cytotoxic concentrations of Interleukin-1βs associated with changes in expression of beta-cell maturity genes and associated histone modifications. 2019 , 496, 110524	5
977	Brain education-based meditation for patients with hypertension and/or type 2 diabetes: A pilot randomized controlled trial. 2019 , 98, e15574	7
976	The effects of ambient particulate matter on human adipose tissue. 2019 , 82, 564-576	5

975	Feeding restriction alleviates high carbohydrate diet-induced oxidative stress and inflammation of <i>Megalobrama amblycephala</i> by activating the AMPK-SIRT1 pathway. 2019 , 92, 637-648	20
974	Proteomic analysis of peripheral blood polymorphonuclear cells (PBMCs) reveals alteration of neutrophil extracellular trap (NET) components in uncontrolled diabetes. 2019 , 461, 1-14	10
973	Inflammatory markers in children and adolescents with type 2 diabetes mellitus. 2019 , 496, 100-107	14
972	Cyclodextrin-Derived Intrinsically Bioactive Nanoparticles for Treatment of Acute and Chronic Inflammatory Diseases. 2019 , 31, e1904607	43
971	Roles of C-reactive protein on the association between urinary cadmium and type 2 diabetes. 2019 , 255, 113341	7
970	Down-regulation of the islet-specific zinc transporter-8 (ZnT8) protects human insulinoma cells against inflammatory stress. 2019 , 294, 16992-17006	7
969	Immune phenotype predicts new onset diabetes after kidney transplantation. 2019 , 80, 937-942	3
968	Six-year follow-up study on the association between white blood cell count and fasting blood glucose level in Chinese adults: A community-based health examination survey. 2019 , 35, e3125	6
967	Comparative Evaluation of Biomarkers of Inflammation Among Indian Women With Polycystic Ovary Syndrome (PCOS) Consuming Vegetarian vs. Non-vegetarian Diet. 2019 , 10, 699	19
966	K3.1 channel mediates inflammatory signaling of pancreatic β cells and progression of type 2 diabetes mellitus. 2019 , 33, 14760-14771	3
965	Glucose and connections with OLR1 and IL17A genes. 2019 , 397-409	
964	Body Mass Index and Insulin Sensitivity/Resistance: Cross Talks in Gestational Diabetes, Normal Pregnancy and Beyond. 2019 ,	
963	Usefulness of Liquid Biopsy Biomarkers from Aqueous Humor in Predicting Anti-VEGF Response in Diabetic Macular Edema: Results of a Pilot Study. 2019 , 8,	13
962	Effect of Steviol Glycosides on Human Health with Emphasis on Type 2 Diabetic Biomarkers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. 2019 , 11,	23
961	Inflammation in atherosclerotic cardiovascular disease. 2019 , 8,	23
960	Glucose-lowering and hypolipidemic activities of polysaccharides from <i>Cordyceps taii</i> in streptozotocin-induced diabetic mice. 2019 , 19, 230	11
959	Temporal relationship between inflammation and insulin resistance and their joint effect on hyperglycemia: the Bogalusa Heart Study. 2019 , 18, 109	17
958	High dietary n6/n3 ratio decreases eicosapentaenoic to arachidonic acid ratios and upregulates NF κ B/p50 expression in short-term low-dose streptozotocin and high-fructose rat model of diabetes. 2019 , 149, 1-7	1

957	Targeting innate immune mediators in type 1 and type 2 diabetes. <i>Nature Reviews Immunology</i> , 2019 , 19, 734-746	36.5	117
956	Therapeutic potential of NaoXinTong Capsule on the developed diabetic nephropathy in db/db mice. 2019 , 118, 109389		7
955	Anti-interleukin-1 treatment in patients with rheumatoid arthritis and type 2 diabetes (TRACK): A multicentre, open-label, randomised controlled trial. 2019 , 16, e1002901		57
954	Type 2 Diabetes Mellitus is Associated with the Immunoglobulin G N-Glycome through Putative Proinflammatory Mechanisms in an Australian Population. 2019 , 23, 631-639		11
953	Stabilization of beta catenin in hypothalamic cell lines. 2019 , 13, 292		
952	Designer cytokine for the treatment of diabetes. 2019 , 1, 933-934		
951	Anti-Inflammatory Properties of Root Extract and Its Isolated Homoisoflavonoid () Are Mediated by Modification on Calcium Signaling. 2019 , 24,		4
950	The Role of Butyrate on Monocyte Migration and Inflammation Response in Patient with Type 2 Diabetes Mellitus. 2019 , 7,		16
949	The Association between Helicobacter pylori Infection and Glycated Hemoglobin A in Diabetes: A Meta-Analysis. 2019 , 2019, 3705264		11
948	Developmental origins of type 2 diabetes: Focus on epigenetics. 2019 , 55, 100957		31
947	Zearalenone induces NLRP3-dependent pyroptosis via activation of NF- κ B modulated by autophagy in INS-1 cells. 2019 , 428, 152304		25
946	Cytokines and Abnormal Glucose and Lipid Metabolism. 2019 , 10, 703		56
945	Clonal hematopoiesis: Pre-cancer PLUS. 2019 , 141, 85-128		23
944	Metabolic syndrome as cardiovascular risk factor in childhood cancer survivors. 2019 , 133, 129-141		24
943	Air pollution and diabetes-related biomarkers in non-diabetic adults: A pathway to impaired glucose metabolism?. 2019 , 124, 370-392		26
942	Association between Helicobacter pylori infection, eradication and diabetes mellitus. 2019 , 10, 1341-1346		8
941	Diabetic nephropathy: The regulatory interplay between epigenetics and microRNAs. 2019 , 141, 574-585		23
940	The effect of different sources of fish and camelina sativa oil on immune cell and adipose tissue mRNA expression in subjects with abnormal fasting glucose metabolism: a randomized controlled trial. 2019 , 9, 1		18

939	Connexin43 hemichannels: A potential drug target for the treatment of diabetic retinopathy. 2019 , 24, 1627-1636	15
938	Oral administration of Angelica sinensis polysaccharide protects against pancreatic islets failure in type 2 diabetic mice: Pancreatic β cell apoptosis inhibition. 2019 , 54, 361-370	18
937	Inflammation, infection and atherosclerosis. 2019 , 29, 468-472	49
936	Impact of Diabetes Mellitus on Human Mesenchymal Stromal Cell Biology and Functionality: Implications for Autologous Transplantation. 2019 , 15, 194-217	21
935	Does inflammation provide a link between psychosocial work characteristics and diabetes? Analysis of the role of interleukin-6 and C-reactive protein in the Whitehall II cohort study. 2019 , 78, 153-160	11
934	Antidiabetic effects of <i>Olea europaea</i> L. leaves in diabetic rats induced by high-fat diet and low-dose streptozotocin. 2019 , 235, 1-7	25
933	Adipose Tissue-Resident Immune Cells in Obesity and Type 2 Diabetes. 2019 , 10, 1173	52
932	ASGR1 but not FOXM1 expression decreases in the peripheral blood mononuclear cells of diabetic atherosclerotic patients. 2019 , 33, 539-546	2
931	Autologous transplantation of photoactivated subcutaneous adipose tissue improves glucose homeostasis in high-fat diet-induced obese mice. 2019 , 13, 1609-1617	5
930	Diabetes and orthopaedic surgery: a review. 2019 , 33, 212-216	3
929	Life-long control of cytomegalovirus (CMV) by T resident memory cells in the adipose tissue results in inflammation and hyperglycemia. 2019 , 15, e1007890	11
928	Type 2 Diabetes: How Much of an Autoimmune Disease?. 2019 , 10, 451	42
927	Inflammaging. 2019 , 1599-1629	2
926	Longitudinal associations between number of cigarettes per day and depressive symptoms in adult smokers with type 2 diabetes: A path analysis approach. 2019 , 125, 109737	1
925	Type 2 diabetes remission 1 year after an intensive lifestyle intervention: A secondary analysis of a randomized clinical trial. 2019 , 21, 2257-2266	15
924	Serum carbohydrate antigen 125 levels and incident risk of type 2 diabetes mellitus in middle-aged and elderly Chinese population: The Dongfeng-Tongji cohort study. 2019 , 16, 424-430	1
923	Obesity-Dependent Accumulation of Titanium in the Pancreas of Type 2 Diabetic Donors. 2019 , 32, 1351-1356	2
922	Polybrominated Diphenyl Ethers and Gut Microbiome Modulate Metabolic Syndrome-Related Aqueous Metabolites in Mice. 2019 , 47, 928-940	20

921	Chemical Inducers of Obesity-Associated Metabolic Stress Activate Inflammation and Reduce Insulin Sensitivity in 3T3-L1 Adipocytes. 2019 , 84, 553-561	4
920	Indirect Effects of Body Mass Index Growth on Glucose Dysregulation via Inflammation: Causal Moderated Mediation Analysis. 2019 , 12, 316-327	2
919	Dietary inflammatory index and cortical bone outcomes in healthy adolescent children. 2019 , 30, 1645-1654	8
918	Psychiatric disorders as risk factors for the development of type 2 diabetes mellitus: an umbrella review protocol. 2019 , 9, e024981	3
917	Illegitimate and Repeated Genomic Integration of Cell-Free Chromatin in the Aetiology of Somatic Mosaicism, Ageing, Chronic Diseases and Cancer. 2019 , 10,	9
916	Targeting Islets: Metabolic Surgery Is More than a Bariatric Surgery. 2019 , 29, 3001-3009	4
915	Mung Bean (L.): Bioactive Polyphenols, Polysaccharides, Peptides, and Health Benefits. 2019 , 11,	95
914	Lotus (Nelumbo nucifera) seed protein isolate exerts anti-inflammatory and antioxidant effects in LPS-stimulated RAW264.7 macrophages via inhibiting NF- κ B and MAPK pathways, and upregulating catalase activity. 2019 , 134, 791-797	19
913	Chicoric acid promotes glucose uptake and Akt phosphorylation via AMP-activated protein kinase dependent pathway. 2019 , 59, 8-15	9
912	Adaptive immune cells in calcific aortic valve disease. 2019 , 317, H141-H155	26
911	Glucose-responsive complex micelles for self-regulated delivery of insulin with effective protection of insulin and enhanced hypoglycemic activity in vivo. 2019 , 180, 376-383	15
910	The Role of Osteocytes in Inflammatory Bone Loss. 2019 , 10, 285	26
909	White Adipose Tissue Response of Obese Mice to Ambient Oxygen Restriction at Thermoneutrality: Response Markers Identified, but no WAT Inflammation. 2019 , 10,	1
908	Identification of fatty liver disease at diverse stages using two-photon absorption of triphenylamine-based BODIPY analogues. 2019 , 7, 3704-3709	9
907	Endothelium-dependent impairments to cerebral vascular reactivity with type 2 diabetes mellitus in the Goto-Kakizaki rat. 2019 , 317, R149-R159	5
906	The effect of diabetes mellitus on pharmacokinetics, pharmacodynamics and adverse drug reactions of anticancer drugs. 2019 , 234, 19339-19351	4
905	Contributions of Mitochondrial Dysfunction to β Cell Failure in Diabetes Mellitus. 2019 , 217-243	2
904	Inflammatory dietary pattern and incident psoriasis, psoriatic arthritis, and atopic dermatitis in women: A cohort study. 2019 , 80, 1682-1690	7

903	Constitutive Activation of β Catenin in Conventional Dendritic Cells Increases the Insulin Reserve to Ameliorate the Development of Type 2 Diabetes in Mice. 2019 , 68, 1473-1484	7
902	Anti-inflammatory and angiogenic effects of exercise training in cardiac muscle of diabetic mice. 2019 , 12, 565-573	12
901	Diabetogenic Action of Statins: Mechanisms. 2019 , 21, 23	15
900	NOD1: An Interface Between Innate Immunity and Insulin Resistance. 2019 , 160, 1021-1030	8
899	Islet inflammation in type 2 diabetes. 2019 , 41, 501-513	64
898	Capsaicin Analogues Derived from ω -3 Polyunsaturated Fatty Acids (PUFAs) Reduce Inflammatory Activity of Macrophages and Stimulate Insulin Secretion by β Cells In Vitro. 2019 , 11,	11
897	Modeling the Effect of High Calorie Diet on the Interplay between Adipose Tissue, Inflammation, and Diabetes. 2019 , 2019, 7525834	9
896	Acute-phase proteins during inflammatory reaction by bacterial infection: Fish-model. 2019 , 9, 4776	38
895	White Blood Cell Count and C-Reactive Protein Independently Predicted Incident Diabetes: Yuport Medical Checkup Center Study. 2019 , 44, 127-137	9
894	A novel berberine-metformin hybrid compound exerts therapeutic effects on obese type 2 diabetic rats. 2019 , 46, 533-544	2
893	The association between white blood cell subtypes and prevalence and incidence of nonalcoholic fatty liver disease. 2019 , 17, 205873921983447	
892	The Interconnection Between Immuno-Metabolism, Diabetes, and CKD. 2019 , 19, 21	15
891	Stimuli-responsive polymers for oral insulin delivery. 2019 , 525-546	
890	Associations between stressful life events and diabetes: Findings from the China Kadoorie Biobank study of 500,000 adults. 2019 , 10, 1215-1222	2
889	Adiposity does not modify the effect of the dietary inflammatory potential on type 2 diabetes incidence among a prospective cohort of men. 2019 , 16, 100095-100095	6
888	Disease-Associated SNPs in Inflammation-Related lncRNAs. 2019 , 10, 420	41
887	Inflammatory disease and C-reactive protein in relation to therapeutic ionising radiation exposure in the US Radiologic Technologists. 2019 , 9, 4891	3
886	Lipopolysaccharide and palmitic acid synergistically induced MCP-1 production via MAPK-mediated TLR4 signaling pathway in RAW264.7 cells. 2019 , 18, 71	16

885	The Sleep-Immune Crosstalk in Health and Disease. 2019 , 99, 1325-1380	319
884	Review of Interventions for the Frailty Syndrome and the Role of Metformin as a Potential Pharmacologic Agent for Frailty Prevention. 2019 , 41, 376-386	12
883	Anti-Inflammatory Effect of Combined Sitagliptin and Vitamin D3 on Cytokines Profile in Patients with Type 2 Diabetes Mellitus. 2019 , 39, 293-301	14
882	The Relationship Between Obesity, Insulin Resistance, and Conjunctival Impression Cytology. 2019 , 35, 119-127	1
881	The effects of curcumin supplementation on high-sensitivity C-reactive protein, serum adiponectin, and lipid profile in patients with type 2 diabetes: A randomized, double-blind, placebo-controlled trial. 2019 , 33, 1374-1383	66
880	The Role of Platelets in Diabetes Mellitus. 2019 , 469-503	6
879	Boolean network modeling of β cell apoptosis and insulin resistance in type 2 diabetes mellitus. 2019 , 13, 36	3
878	Diabetes-Associated Myelopoiesis Drives Stem Cell Mobilopathy Through an OSM-p66Shc Signaling Pathway. 2019 , 68, 1303-1314	33
877	Elevated Resting and Postprandial Digestive Proteolytic Activity in Peripheral Blood of Individuals With Type-2 Diabetes Mellitus, With Uncontrolled Cleavage of Insulin Receptors. 2019 , 38, 485-492	1
876	Analysis of Inflammatory Gene Expression Profile of Peripheral Blood Leukocytes in Type 2 Diabetes. 2019 , 48, 618-631	6
875	Increased serum/plasma fibroblast growth factor 21 in type 2 diabetes mellitus: a systematic review and meta-analysis. 2019 , 95, 134-139	13
874	Association between Irisin, hs-CRP, and Metabolic Status in Children and Adolescents with Type 2 Diabetes Mellitus. 2019 , 2019, 6737318	19
873	The effects of probiotic and synbiotic supplementation on inflammatory markers among patients with diabetes: A systematic review and meta-analysis of randomized controlled trials. 2019 , 852, 254-264	17
872	Hepcidin and IL-1 β 2019 , 110, 143-156	11
871	Silibinin protects rat pancreatic β cell through up-regulation of estrogen receptors' signaling against amylin- or A β induced reactive oxygen species/reactive nitrogen species generation. 2019 , 33, 998-1009	8
870	Diabetes control could through platelet-to-lymphocyte ratio in hemograms. 2019 , 65, 38-42	39
869	Genetic risk score combining six genetic variants associated with the cellular NRF2 expression levels correlates with Type 2 diabetes in the human population. 2019 , 41, 537-545	2
868	Cerium Oxide Nanoparticles Regulate Insulin Sensitivity and Oxidative Markers in 3T3-L1 Adipocytes and C2C12 Myotubes. 2019 , 2019, 2695289	10

867	Immunological and clinical characteristics of latent autoimmune diabetes in the elderly. 2019 , 35, e3137	5
866	CD8+ T cells are involved in early inflammation before macrophages in a rat adipose tissue engineering chamber model. 2019 , 13, 1499-1506	5
865	Role of brown adipose tissue in modulating adipose tissue inflammation and insulin resistance in high-fat diet fed mice. 2019 , 854, 354-364	24
864	The changes in immune cell concentration during the progression of pre-diabetes to type 2 diabetes in a high-fat high-carbohydrate diet-induced pre-diabetic rat model. 2019 , 52, 27-36	16
863	A Genetic Score of Predisposition to Low-Grade Inflammation Associated with Obesity May Contribute to Discern Population at Risk for Metabolic Syndrome. 2019 , 11,	13
862	Altered adipose tissue and adipocyte function in the pathogenesis of metabolic syndrome. 2019 , 129, 3990-4000	169
861	Characteristics of Acute Myocardial Damage in Uzbekistan: Data Register âBACSMI-Uzâ 2019 ,	
860	Toll-like receptors activation, signaling, and targeting: an overview. 2019 , 43,	103
859	IS MESENTERIC PANNICULITIS A SIGN FOR AUTOIMMUNE DIABETES IN ADULTS?. 2019 , 5, e181-e183	
858	Intermittent fasting for the prevention of cardiovascular disease. 2019 ,	6
857	Potential predictors of type-2 diabetes risk: machine learning, synthetic data and wearable health devices. 2019 ,	1
856	Glycoprotein acetyls (GlycA) associate with BMI and co-morbidities in childhood obesity. 2019 , 13, 292-293	
855	Bone marrow transplantation and RNAseq analysis of Gpr21 ^{fl/fl} monocytes reveals reduced migratory function and downregulation of inflammatory genes. 2019 , 13, 291-292	
854	Next generation sequencing and RNA-seq characterization of adipose tissue in the Nile crocodile (<i>Crocodylus niloticus</i>) in South Africa: Possible mechanism(s) of pathogenesis and pathophysiology of pansteatitis. 2019 , 14, e0225073	1
853	The high risk for type 2 diabetes among ethnic minority populations is not explained by low-grade inflammation. 2019 , 9, 19871	3
852	Structure-function relationships in peripheral nerve contributions to diabetic peripheral neuropathy. 2019 , 160 Suppl 1, S29-S36	12
851	Deformation of stable and toxic hIAPP oligomers by liposomes with distinct nanomechanical features and reduced cytotoxicity. 2019 , 55, 14359-14362	8
850	Inflammation, oxidative stress and altered heat shock response in type 2 diabetes: the basis for new pharmacological and non-pharmacological interventions. 2019 , 1-15	9

849	Treatment with adipose tissue-derived mesenchymal stem cells exerts anti-diabetic effects, improves long-term complications, and attenuates inflammation in type 2 diabetic rats. 2019 , 10, 333	34
848	Setting the Stage for Islet Autoimmunity in Type 2 Diabetes: Obesity-Associated Chronic Systemic Inflammation and Endoplasmic Reticulum (ER) Stress. 2019 , 42, 2338-2346	23
847	The anti-inflammatory effects of formononetin and ononin on lipopolysaccharide-induced zebrafish models based on lipidomics and targeted transcriptomics. 2019 , 15, 153	16
846	Intervention for early diabetic nephropathy by mesenchymal stem cells in a preclinical nonhuman primate model. 2019 , 10, 363	19
845	IL-1 inhibition improves insulin resistance and adipokines in rheumatoid arthritis patients with comorbid type 2 diabetes: An observational study. 2019 , 98, e14587	21
844	Bioinformatics Methodologies to Identify Interactions Between Type 2 Diabetes and Neurological Comorbidities. 2019 , 7, 183948-183970	17
843	Regulation of Heparanase in Diabetes-Associated Pancreatic Carcinoma. 2019 , 9, 1405	4
842	Herbal medicine in the treatment of patients with type 2 diabetes mellitus. 2019 , 132, 78-85	21
841	The relationship between serum 25-hydroxyvitamin D concentration and type 2 diabetic peripheral neuropathy: A systematic review and a meta-analysis. 2019 , 98, e18118	8
840	Modulatory Mechanisms of the NLRP3 Inflammasomes in Diabetes. 2019 , 9,	62
839	B Lymphocytes and Macrophages in the Perivascular Adipose Tissue Are Associated With Coronary Atherosclerosis: An Autopsy Study. 2019 , 8, e013793	18
838	Using mechanistic models for the clinical interpretation of complex genomic variation. 2019 , 9, 18937	9
837	Agomelatine pretreatment prevents development of hyperglycemia and hypoinsulinemia in streptozotocin-induced diabetes in mice. 2019 , 33, 170-180	2
836	Dysregulation of immunoproteasomes in autoinflammatory syndromes. 2019 , 31, 631-637	4
835	The Anti-Inflammatory Effects of Testosterone. 2019 , 3, 91-107	67
834	Expansion of Islet-Resident Macrophages Leads to Inflammation Affecting β Cell Proliferation and Function in Obesity. 2019 , 29, 457-474.e5	104
833	[Prevention and treatment of infectious diseases in diabetic patients]. 2019 , 45, 117-127	1
832	Biologically Inspired and Chemically Derived Methods for Glucose-Responsive Insulin Therapy. 2019 , 8, e1801466	35

831	A novel peripheral cannabinoid 1 receptor antagonist, AJ5012, improves metabolic outcomes and suppresses adipose tissue inflammation in obese mice. 2019 , 33, 4314-4326	17
830	Hypoglycemic effect of Hypericum attenuatum Choisy extracts on type 2 diabetes by regulating glucolipid metabolism and modulating gut microbiota. 2019 , 52, 479-491	21
829	Acute pancreatic beta cell apoptosis by IL-1 β s responsible for postburn hyperglycemia: Evidence from humans and mice. 2019 , 1865, 275-284	8
828	The effect of low-level laser irradiation on hyperglycemia-induced inflammation in human gingival fibroblasts. 2019 , 34, 913-920	14
827	Evaluation of second trimester amniotic fluid ADAMTS4, ADAMTS5, interleukin-6 and tumor necrosis factor- α levels in patients with gestational diabetes mellitus. 2019 , 45, 824-829	8
826	Type 1 diabetes upregulates metastasis-associated protein 1- phosphorylated histone 2AX signaling in the testis. 2019 , 846, 30-37	3
825	IL-17 production by NKG2D-expressing CD56+ T cells in type 2 diabetes. 2019 , 106, 22-28	3
824	MANF regulates metabolic and immune homeostasis in ageing and protects against liver damage. 2019 , 1, 276-290	42
823	New Concepts in Sudden Cardiac Arrest to Address an Intractable Epidemic: JACC State-of-the-Art Review. 2019 , 73, 70-88	25
822	Mechanisms of action of ginger in nuclear factor-kappaB signaling pathways in diabetes. 2019 , 16, 100239	7
821	Diabetic Cardiomyopathy Modelling Using Induced Pluripotent Stem Cell Derived Cardiomyocytes: Recent Advances and Emerging Models. 2019 , 15, 13-22	14
820	Role of Phytomedicine in Diabetes and Cardiovascular Diseases. 2019 , 409-433	1
819	Dysregulation of microRNA-657 influences inflammatory response via targeting interleukin-37 in gestational diabetes mellitus. 2019 , 234, 7141-7148	17
818	The effect of an oral ginger supplementation on NF- κ B concentration in peripheral blood mononuclear cells and anthropomorphic data of patients with type 2 diabetes: A randomized double-blind, placebo-controlled clinical trial. 2019 , 42, 7-11	9
817	Predicting the associations between microbes and diseases by integrating multiple data sources and path-based HeteSim scores. 2019 , 323, 76-85	13
816	Circulating Levels of Soluble Dipeptidyl Peptidase-4 Are Dissociated from Inflammation and Induced by Enzymatic DPP4 Inhibition. 2019 , 29, 320-334.e5	65
815	Stem cells in the treatment of diabetes mellitus - Focus on mesenchymal stem cells. 2019 , 90, 1-15	46
814	Biotinylated fluorescent probe for the specific and quantitative determination of blood glucose. 2019 , 66, 114-118	1

813	The Physiology of Optimizing Health with a Focus on Exercise as Medicine. 2019 , 81, 607-627	49
812	Hypercortisolism in Newly Diagnosed Type 2 Diabetes: A Prospective Study of 384 Newly Diagnosed Patients. 2019 , 51, 62-68	11
811	Effect of supplementing chromium histidinate and picolinate complexes along with biotin on insulin sensitivity and related metabolic indices in rats fed a high-fat diet. 2019 , 7, 183-194	13
810	Reactive oxygen species (ROS) in macrophage activation and function in diabetes. 2019 , 224, 242-253	134
809	In vitro profiling of volatile organic compounds released by Simpson-Golabi-Behmel syndrome adipocytes. 2019 , 1104, 256-261	6
808	Association of erythrocyte n-3 polyunsaturated fatty acids with incident type 2 diabetes in a Chinese population. 2019 , 38, 2195-2201	9
807	Diabetic gut microbiota dysbiosis as an inflammaging and immunosenescence condition that fosters progression of retinopathy and nephropathy. 2019 , 1865, 1876-1897	60
806	The Role of the Mediterranean Dietary Pattern on Metabolic Control of Patients with Diabetes Mellitus: A Narrative Review. 2021 , 1307, 115-128	4
805	Can insulin secreting pancreatic β cells provide novel insights into the metabolic regulation of the DNA damage response?. 2020 , 176, 113907	4
804	Association between IL-1beta and cardiovascular disease risk in patients with newly diagnosed, drug-naïve type 2 diabetes mellitus: a cross-sectional study. 2020 , 8, 225	3
803	Network pharmacology and metabolomics study on the intervention of traditional Chinese medicine Huanglian Decoction in rats with type 2 diabetes mellitus. 2020 , 258, 112842	28
802	Beneficial Fatty Acid Ratio of L. (Chia Seed) Potentially Inhibits Adipocyte Hypertrophy, and Decreases Adipokines Expression and Inflammation in Macrophage. 2020 , 9,	5
801	Serum biomarkers from cell-based assays for AhRL and MIS strongly predicted the future development of diabetes in a large community-based prospective study in Korea. 2020 , 10, 6339	5
800	Investigating the Role of Myeloperoxidase and Angiopoietin-like Protein 6 in Obesity and Diabetes. 2020 , 10, 6170	11
799	Association between C reactive protein and all-cause mortality in the ELSA-Brasil cohort. 2020 , 74, 421-427	9
798	Protective Effect of Hydroxysafflor Yellow A on Nephropathy by Attenuating Oxidative Stress and Inhibiting Apoptosis in Induced Type 2 Diabetes in Rat. 2020 , 2020, 7805393	8
797	New insights into the cellular activities of Fndc5/Irisin and its signaling pathways. 2020 , 10, 51	34
796	High-Intensity Interval Training Reversed High-Fat Diet-Induced M1-Macrophage Polarization in Rat Adipose Tissue via Inhibition of NOTCH Signaling. 2020 , 13, 165-174	5

795	A New Neurovascular Panel Discriminates Between Patients with Type 2 Diabetes Mellitus with Cognitive Impairment and Cognitive Impairment Alone. 2020 , 75, 461-469	1
794	Islet Amyloid Polypeptide: A Partner in Crime With A β in the Pathology of Alzheimer's Disease. 2020 , 13, 35	19
793	Effects of Bilberry Supplementation on Metabolic and Cardiovascular Disease Risk. 2020 , 25,	9
792	WITHDRAWN: Low-density lipoprotein cholesterol is associated with fracture risk in diabetes patients - a nested case-control study. 2014 , jc20133558	2
791	Endogenous Regulatory T Cells Promote M2 Macrophage Phenotype in Diabetic Stroke as Visualized by Optical Imaging. 2021 , 12, 136-146	9
790	Insufficient glucocorticoid receptor signaling and flattened salivary cortisol profile are associated with metabolic and inflammatory indices in type 2 diabetes. 2021 , 44, 37-48	2
789	Partnership and innovation in the pharmaceutical industry: the case of clinical research. 2021 , 30, 317-334	2
788	p38 MAPK Inhibitor (SB203580) and Metformin Reduces Aortic Protein Carbonyl and Inflammation in Non-obese Type 2 Diabetic Rats. 2021 , 36, 228-234	1
787	Sarsasapogenin improves adipose tissue inflammation and ameliorates insulin resistance in high-fat diet-fed C57BL/6J mice. 2021 , 42, 272-281	4
786	Metabolic Inflammation in Obesity-At the Crossroads between Fatty Acid and Cholesterol Metabolism. 2021 , 65, e1900482	4
785	Gender differences in the battle against COVID-19: Impact of genetics, comorbidities, inflammation and lifestyle on differences in outcomes. 2021 , 75, e13666	13
784	Haploinsufficiency of the gene is associated with protection against diabetes. 2021 , 58, 378-384	0
783	The effects of physical activity on adipokines in individuals with overweight/obesity across the lifespan: A narrative review. 2021 , 22, e13090	11
782	Enhanced antioxidant, anti-inflammatory and α -glucosidase inhibitory activities of citrus hesperidin by acid-catalyzed hydrolysis. 2021 , 336, 127539	10
781	Protective and therapeutic effects of natural products against diabetes mellitus via regenerating pancreatic β cells and restoring their dysfunction. 2021 , 35, 1218-1229	9
780	Role of ceramides in the pathogenesis of diabetes mellitus and its complications. 2021 , 35, 107734	18
779	Dichotomic role of heparanase in a murine model of metabolic syndrome. 2021 , 78, 2771-2780	2
778	Therapeutic effect of berberine on metabolic diseases: Both pharmacological data and clinical evidence. 2021 , 133, 110984	34

777	Therapeutic mechanisms of traditional Chinese medicine to improve metabolic diseases via the gut microbiota. 2021 , 133, 110857	14
776	Salsalate reverses metabolic disorders in a mouse model of non-alcoholic fatty liver disease through AMPK activation and caspase-6 activity inhibition. 2021 , 128, 394-409	1
775	Active ingredients and mechanisms of <i>Phellinus linteus</i> (grown on <i>Rosa multiflora</i>) for alleviation of Type 2 diabetes mellitus through network pharmacology. 2021 , 768, 145320	10
774	Short-term effect of non-surgical periodontal treatment on local and systemic cytokine levels: Role of hyperglycemia. 2021 , 138, 155360	2
773	Subchronic exposure to concentrated ambient PM2.5 perturbs gut and lung microbiota as well as metabolic profiles in mice. 2021 , 272, 115987	17
772	Improvement in Polymyalgia Rheumatica Associated With Improved Control of Diabetes Mellitus: A Case Series. 2021 , 174, 274-276	1
771	The evolving obesity challenge: targeting the vagus nerve and the inflammatory reflex in the response. 2021 , 222, 107794	9
770	Catestatin peptide of chromogranin A as a potential new target for several risk factors management in the course of metabolic syndrome. 2021 , 134, 111113	5
769	Ernahrungen mit einem Potenzial fur entzundliche und insulinfuhische Veranderungen. 2021 , 17, 98-100	
768	Metabolic Syndrome Pathophysiology and Predisposing Factors. 2021 , 42, 199-214	23
767	IL-17A is involved in diabetic inflammatory pathogenesis by its receptor IL-17RA. 2021 , 246, 57-65	5
766	The value of adenosine deaminase activity in latent autoimmune diabetes in adults and type 2 diabetes patients. 2021 , 41, 48-53	1
765	NLRP3 inflammasome blockade reduces adipose tissue inflammation and extracellular matrix remodeling. 2021 , 18, 1045-1057	30
764	Urinary chemokine C-X-C motif ligand 16 and endostatin as predictors of tubulointerstitial fibrosis in patients with advanced diabetic kidney disease. 2021 , 36, 295-305	9
763	Plant Alkaloids with Antidiabetic Potential. 2021 , 251-266	
762	Diabetes Induces a Transcriptional Signature in Bone Marrow-Derived CD34 Hematopoietic Stem Cells Predictive of Their Progeny Dysfunction. 2021 , 22,	0
761	NAFLD and Cardiovascular Diseases: Epidemiological, Mechanistic and Therapeutic Considerations. 2021 , 10,	11
760	Structural Characterization and Health Effects of Polysaccharides from <i>Momordica charantia</i> on Diabetes Mellitus. 2021 , 129-145	

759	Flavonoids as potential agents in the management of type 2 diabetes through the modulation of α -amylase and β -glucosidase activity: a review. 2021 , 1-71	14
758	Macrophage inflammatory state in Type 1 diabetes: triggered by NLRP3/iNOS pathway and attenuated by docosahexaenoic acid. 2021 , 135, 19-34	8
757	Aberrant expression of proatherogenic cytokines and growth factors in human umbilical vein endothelial cells from newborns of type 2 diabetic women. 2021 , 9, 20503121211026832	1
756	Intermittent fasting: a health panacea or just calorie restriction?. 2021 , 287-296	
755	DPP4/CD32b/NF- κ B Circuit: A Novel Druggable Target for Inhibiting CRP-Driven Diabetic Nephropathy. 2021 , 29, 365-375	11
754	Berries as a Treatment for Obesity-Induced Inflammation: Evidence from Preclinical Models. 2021 , 13,	8
753	Improvement of obesity-associated disorders by a small-molecule drug targeting mitochondria of adipose tissue macrophages. 2021 , 12, 102	14
752	Therapeutic regulation of the NLRP3 inflammasome in chronic inflammatory diseases. 2021 , 44, 16-35	25
751	Expression of miRNA-29 in Pancreatic β Cells Promotes Inflammation and Diabetes via TRAF3. 2021 , 34, 108576	19
750	Dietary Quality Determined by the Healthy Eating Index-2015 and Biomarkers of Chronic Low-Grade Inflammation: A Cross-Sectional Analysis in Middle-to-Older Aged Adults. 2021 , 13,	8
749	Downregulation of lncRNA EPB41L4A-AS1 Mediates Activation of MYD88-Dependent NF- κ B Pathway in Diabetes-Related Inflammation. 2021 , 14, 265-277	4
748	Changes Induced by Mind-Body Intervention Including Epigenetic Marks and Its Effects on Diabetes. 2021 , 22,	1
747	Diabetes Mellitus. 2021 , 1-28	
746	Impact of obesity and SARS-CoV-2 infection: implications for host defence - a living review. 2021 , 2, iqab001	5
745	Major triterpenoids from Eucalyptus tereticornis have enhanced beneficial effects in cellular models when mixed with minor compounds present in raw extract. 2021 , 93, e20201351	0
744	Diabetes Mellitus and Renal Function: Current Medical Research and Opinion. 2021 , 17, e011121190176	0
743	Introduction. 2021 , 1-12	
742	miR-467 regulates inflammation and blood insulin and glucose. 2021 , 25, 2549-2562	3

741	Fibromiyalji ve Romatoid Artritte Glisemik Kontrolü İıflamatar Parametreler ve Vitamin Deęerleri Őerine Etkisinin İıcelenmesi.	
740	Structure-based Development of Human Interleukin-1Ėspecific Antibody That Simultaneously Inhibits Binding to Both IL-1RI and IL-1RAcP. 2021 , 433, 166766	3
739	Alterations in the gut bacterial microbiome in people with type 2 diabetes mellitus and diabetic retinopathy. 2021 , 11, 2738	30
738	Cumulative inflammatory burden and obesity as determinants of insulin resistance in patients with established rheumatoid arthritis: cross-sectional study. 2021 , 11, e044749	2
737	Dietary Phosphorus as a Marker of Mineral Metabolism and Progression of Diabetic Kidney Disease. 2021 , 13,	1
736	Potential of anthocyanin as an anti-inflammatory agent: a human clinical trial on type 2 diabetic, diabetic at-risk and healthy adults. 2021 , 70, 275-284	7
735	Natural Bioactive Compounds Useful in Clinical Management of Metabolic Syndrome. 2021 , 13,	18
734	Plasma Resolvin D2 to Leukotriene B Ratio Is Reduced in Diabetic Patients with Ischemic Stroke and Related to Prognosis. 2021 , 2021, 6657646	3
733	Conventional and Unconventional Mechanisms by which Exocytosis Proteins Oversee Ėcell Function and Protection. 2021 , 22,	0
732	Dysregulation of Leukocyte Trafficking in Type 2 Diabetes: Mechanisms and Potential Therapeutic Avenues. 2021 , 9, 624184	5
731	Immunotherapy-Associated Pancreatic Adverse Events: Current Understanding of Their Mechanism, Diagnosis, and Management. 2021 , 11, 627612	5
730	Impact of short-term bilberry supplementation on glycemic control, cardiovascular disease risk factors, and antioxidant status in Chinese patients with type 2 diabetes. 2021 , 35, 3236-3245	2
729	GPR40/FFA1 Free Fatty Acid Receptors and Their Functional Role. 2021 , 51, 256-264	0
728	Sex Differences in the Prevalence of and Risk Factors for Abnormal Glucose Regulation in Adults Aged 50 Years or Older With Normal Fasting Plasma Glucose Levels. 2020 , 11, 531796	4
727	Small intestine remodeling in male Goto-Kakizaki rats. 2021 , 9, e14755	2
726	Salivary Inflammatory Molecules as Biomarkers of Sleep Alterations: A Scoping Review. 2021 , 11,	0
725	Signs of Deregulated Gene Expression Are Present in Both CD14 and CD14 PBMC From Non-Obese Men With Family History of T2DM. 2020 , 11, 582732	0
724	Hyperhomocysteinemia and Cardiovascular Disease: Is the Adenosinergic System the Missing Link?. 2021 , 22,	8

723	Effect of co-infection with parasites on severity of COVID-19.	6
722	The Role of Chronic Inflammation in Various Diseases and Anti-inflammatory Therapies Containing Natural Products. 2021 , 16, 1576-1592	2
721	Association between fasting insulin and C-reactive protein among adults without diabetes using a two-part model: NHANES 2005-2010. 2021 , 13, 29	0
720	Exposure to High-Fat Style Diet Induced Renal and Liver Structural Changes, Lipid Accumulation and Inflammation in Intact and Ovariectomized Female Rats. 2021 , 14, 689-710	2
719	Sesamin alleviates diabetes-associated behavioral deficits in rats: The role of inflammatory and neurotrophic factors. 2021 , 92, 107356	3
718	HLA-DRB1 genes and the expression dynamics of HLA CIITA determine the susceptibility to T2DM. 2021 , 73, 291-305	4
717	Inflammatory Status and Glycemic Control Level of Patients with Type 2 Diabetes and Periodontitis: A Randomized Clinical Trial. 2021 , 18,	7
716	Revealing hypoglycemic and hypolipidemic mechanism of Xiaokeyinshui extract combination on streptozotocin-induced diabetic mice in high sucrose/high fat diet by metabolomics and lipidomics. 2021 , 135, 111219	2
715	Caloric restriction overcomes pre-diabetic and hypertension induced by high fat diet and renal artery stenosis.	
714	A novel GPR120-selective agonist promotes insulin secretion and improves chronic inflammation. 2021 , 269, 119029	
713	Do proinflammatory cytokines play a role in clozapine-associated glycometabolism disorders?. 2021 , 238, 1979-1990	3
712	Lactoferrin and Immunoglobulin Concentrations in Milk of Gestational Diabetic Mothers. 2021 , 13,	0
711	Ergostatrien-3Ebl (EK100) from Attenuates Oxidative Stress, Inflammation, and Liver Injury and. 2021 , 26, 58-66	3
710	Concurrent diabetes and heart failure: interplay and novel therapeutic approaches. 2021 ,	4
709	A comprehensive review of phytochemistry, pharmacology and toxicology of the genus Aconitum L.. 1	3
708	The revisited role of interleukin-1 alpha and beta in autoimmune and inflammatory disorders and in comorbidities. 2021 , 20, 102785	6
707	Effects of interleukin-1 antagonism and corticosteroids on fibroblast growth factor-21 in patients with metabolic syndrome. 2021 , 11, 7911	0
706	Type 2 diabetes risk in sarcoidosis patients untreated and treated with corticosteroids. 2021 , 7,	4

705	Pneumonia hospitalizations and the subsequent risk of incident ischaemic cardiovascular disease in Chinese adults. 2021 , 50, 1698-1707	1
704	Anti-Inflammatory Properties In Vitro and Hypoglycaemic Effects of Phenolics from Cultivated Fruit Body of in Type 2 Diabetic Mice. 2021 , 26,	4
703	Levels of Lymphocyte Subpopulations in Peripheral Blood among Patients with Diabetes. 2021 , 48, 75-80	
702	Early 1,25-Dihydroxyvitamin D Supplementation Effectively Lowers the Incidence of Type 2 Diabetes Mellitus via Ameliorating Inflammation In KK-A Mice. 2021 , 67, 84-90	1
701	Melatonin and prolonged physical activity attenuated the detrimental effects of diabetic condition on murine cardiac tissue. 2021 , 69, 101486	3
700	ATG-K2 and ATG-K6 Ameliorates High-Fat with High-Fructose Induced Intestinal Inflammation. 2021 , 22,	4
699	Diabetic Pathophysiology Enhances Inflammation during Extracorporeal Membrane Oxygenation in a Rat Model. 2021 , 11,	2
698	The pleiotropic roles of leptin in metabolism, immunity, and cancer. 2021 , 218,	10
697	Improved insulin sensitivity in obese-diabetic mice via chitosan Nanomicelles mediated silencing of pro-inflammatory Adipocytokines. 2021 , 33, 102357	8
696	The effects of different doses of exercise on pancreatic β cell function in patients with newly diagnosed type 2 diabetes: study protocol for and rationale behind the "DOSE-EX" multi-arm parallel-group randomised clinical trial. 2021 , 22, 244	1
695	The metabolism-modulating activity of IL-17 signaling in health and disease. 2021 , 218,	2
694	A COMPARATIVE STUDY OF LEVELS OF HIGH SENSITIVITY CREATINE PROTEIN (hs-CRP) IN DIABETIC AND NON- DIABETIC POPULATION OF CENTRAL INDIA. 2021 , 31-32	
693	CDATA[The Effect of Oxidative Stress and Antioxidant Therapies on Pancreatic β cell Dysfunction: Results from in Vitro and in Vivo Studies. 2021 , 28, 1328-1346	7
692	Multitargeted Effects of Vitexin and Isovitexin on Diabetes Mellitus and Its Complications. 2021 , 2021, 6641128	5
691	Association of Rheumatoid Arthritis with Diabetic Comorbidity: Correlating Accelerated Insulin Resistance to Inflammatory Responses in Patients. 2021 , 14, 809-820	2
690	Focused Ultrasound Modulation of Hepatic Neural Plexus Restores Glucose Homeostasis in Diabetes.	
689	Clinical characteristics and outcomes of COVID-19 patients with diabetes mellitus in Kuwait. 2021 , 7, e06706	7
688	Temporal metabolic and transcriptomic characteristics crossing islets and liver reveal dynamic pathophysiology in diet-induced diabetes. 2021 , 24, 102265	2

687	Heparan Sulfate Proteoglycans in Diabetes. 2021 , 47, 261-273	1
686	Association of periodontal pocket area with type 2 diabetes and obesity: a cross-sectional study. 2021 , 9,	8
685	Microbiome and osteoarthritis: New insights from animal and human studies. 2021 , 24, 984-1003	1
684	Macrophage 3D migration: A potential therapeutic target for inflammation and deleterious progression in diseases. 2021 , 167, 105563	4
683	Human SHC-transforming protein 1 and its isoforms p66shc: A novel marker for prediabetes. 2021 , 12, 1881-1889	0
682	In Patients With Obesity, the Number of Adipose Tissue Mast Cells Is Significantly Lower in Subjects With Type 2 Diabetes. 2021 , 12, 664576	4
681	Effects of diabetes on the development of radiation pneumonitis. 2021 , 22, 160	1
680	Trans-resveratrol imparts disparate effects on transcription of DNA damage sensing/repair pathway genes in euglycemic and hyperglycemic rat testis. 2021 , 418, 115510	
679	Antidiabetic and Other Therapies Used in Subjects with Diabetes and Chronic Kidney Disease in a Hospital-Based Clinic Population in Greece. 2021 , 10,	0
678	IFN γ -producing NK cells in adipose tissue are associated with hyperglycemia and insulin resistance in obese women. 2021 , 45, 1607-1617	1
677	Not so sweet and simple: impacts of SARS-CoV-2 on the T cell. 2021 , 13, 66-79	3
676	Human umbilical cord mesenchymal stem cells in type 2 diabetes mellitus: the emerging therapeutic approach. 2021 , 385, 497-518	2
675	UHPLC, ATR-FTIR Profiling and Determination of 15 LOX, β -Glucosidase, Ages Inhibition and Antibacterial Properties of Citrus Peel Extracts. 2021 , 55, 176-186	1
674	Kidney Disease in Diabetic Patients: From Pathophysiology to Pharmacological Aspects with a Focus on Therapeutic Inertia. 2021 , 22,	7
673	Clinical Manifestations and Outcomes in Disease-Modifying Antirheumatic Drug-Naive Adult Patients with Chronic Chikungunya Arthritis. 2021 ,	
672	The Role of Astaxanthin on Chronic Diseases. 2021 , 11, 505	3
671	Omega-3 fatty acid-rich fish oil supplementation prevents rosiglitazone-induced osteopenia in aging C57BL/6 mice and in vitro studies. 2021 , 11, 10364	1
670	The forgotten type 2 diabetes mellitus medicine: rosiglitazone.. 2022 , 13, 49-65	4

669	The Peculiar Triologue between Pediatric Obesity, Systemic Inflammatory Status, and Immunity. 2021 , 10,	1
668	Galectin-3/adiponectin as a new biological indicator for assessing the risk of type 2 diabetes: a cross-sectional study in a community population. 2021 , 13, 15433-15443	1
667	Associations of Childhood Neglect With the ACTH and Plasma Cortisol Stress Response in Patients With Type 2 Diabetes. 2021 , 12, 679693	4
666	Effects of citronellol grafted chitosan oligosaccharide derivatives on regulating anti-inflammatory activity. 2021 , 262, 117972	8
665	Pterostilbene Improves Insulin Resistance Caused by Advanced Glycation End Products (AGEs) in Hepatocytes and Mice. 2021 , 65, e2100321	0
664	Design, Synthesis, and Activity Evaluation of Stereoconfigured Tartarate Derivatives as Potential Anti-inflammatory Agents and. 2021 , 64, 9550-9566	1
663	Association of biological antirheumatic therapy with risk for type 2 diabetes: a retrospective cohort study in incident rheumatoid arthritis. 2021 , 11, e042246	
662	Lipid nanoparticle formulations for targeting leukocytes with therapeutic RNA in liver fibrosis. 2021 , 173, 70-88	4
661	Association of Protein Z with Prediabetes and Type 2 Diabetes. 2021 , 36, 637-646	2
660	Genome-wide DNA methylation analysis on C-reactive protein among Ghanaians suggests molecular links to the emerging risk of cardiovascular diseases. 2021 , 6, 46	0
659	Intensity of Glycemic Exposure in Early Adulthood and Target Organ Damage in Middle Age: The CARDIA Study. 2021 , 12, 614532	
658	High glucose exacerbates neuroinflammation and apoptosis at the intermediate stage after post-traumatic brain injury. 2021 , 13, 16088-16104	0
657	Cardiac Tissue Factor Regulates Inflammation, Hypertrophy, and Heart Failure in Mouse Model of Type 1 Diabetes. 2021 , 70, 2131-2146	1
656	Individual and combined contributions of age-specific and sex-specific pulse pressure and brachial-ankle pulse wave velocity to the risk of new-onset diabetes mellitus. 2021 , 9,	0
655	Perivascular stromal cells: Directors of tissue immune niches. 2021 , 302, 10-31	4
654	Inflammation and atherogenic markers in patients with type 2 diabetes mellitus. 2021 ,	1
653	Psychiatric disorders as risk factors for type 2 diabetes: An umbrella review of systematic reviews with and without meta-analyses. 2021 , 176, 108855	1
652	Toll-Like Receptor 2 Antagonist Ameliorates Type 2 Diabetes Mellitus Associated Neuropathic Pain by Repolarizing Pro-inflammatory Macrophages. 2021 , 46, 2276-2284	5

651	Circulating IRAPe, Irisin, and IL-34 in Relation to Insulin Resistance in Patients With Type 2 Diabetes. 2021 , 43, e230-e240	1
650	Effect of anti-inflammatory therapy on major cardiovascular events in patients with diabetes: A meta-analysis. 2021 , 15, 102164	1
649	MEHP induces pyroptosis and autophagy alternation by cathepsin B activation in INS-1 cells. 2021 , 28, 66628-66642	1
648	Bhramari Pranayama - A simple lifestyle intervention to reduce heart rate, enhance the lung function and immunity. 2021 , 12, 562-564	0
647	Diabetes und Depression. 1	
646	Physical activity as a proxy to ameliorate inflammation in patients with type 2 diabetes and periodontal disease at high cardiovascular risk. 2021 , 31, 2199-2209	4
645	Serum IL-17, obesity, and metabolic risk in Mexican young adults. 2021 , 20, 1-7	1
644	Danggui-Shaoyao-San Improves Gut Microbia Dysbiosis and Hepatic Lipid Homeostasis in Fructose-Fed Rats. 2021 , 12, 671708	1
643	Interleukin-1 in obesity-related low-grade inflammation: From molecular mechanisms to therapeutic strategies. 2021 , 96, 107765	7
642	Asthma in Youth and Early-onset Type 2 Diabetes: A Nationwide Study of 1.72 Million Israeli Adolescents. 2021 , 106, e5043-e5053	0
641	Tryptophan metabolism in atherosclerosis and diabetes. 2021 ,	6
640	Cholesterol Paradigm and Beyond in Atherosclerotic Cardiovascular Disease: Cholesterol, Sterol regulatory element-binding Protein, Inflammation, and Vascular Cell Mobilization in Vasculopathy. 2021 ,	1
639	Epidemiology and organ specific sequelae of post-acute COVID19: A narrative review. 2021 , 83, 1-16	38
638	Insulin action at a molecular level - 100 years of progress. 2021 , 52, 101304	17
637	Network Topology of Biological Aging and Geroscience-Guided Approaches to COVID-19.. 2021 , 2,	0
636	Neutrophils and their role in the aetiopathogenesis of type 1 and type 2 diabetes. 2021 , e3483	1
635	Type 2 diabetes mellitus and antibiotic-resistant infections: a systematic review and meta-analysis. 2022 , 76, 75-84	1
634	Materials and Cytokines in the Healing of Diabetic Foot Ulcers. 2021 , 4, 2100075	3

633	Sphingosine-1-phosphate modulates PAR1-mediated human platelet activation in a concentration-dependent biphasic manner. 2021 , 11, 15308	0
632	Effects of stem cells from inducible brown adipose tissue on diet-induced obesity in mice. 2021 , 11, 13923	1
631	Mechanisms underlying the therapeutic potential of mesenchymal stem cells in atherosclerosis. 2021 , 16, 669-682	4
630	Association of osteoprotegerin gene T950C polymorphism with cardiometabolic risk factors in gestational diabetes mellitus in South Indian TAMILIAN women. 2021 , 15, 102157	1
629	Lactobacillus plantarum Reduces Low-Grade Inflammation and Glucose Levels in a Mouse Model of Chronic Stress and Diabetes. 2021 , 89, e0061520	7
628	Reduced frequency and functional potency of CD49d T regulatory cells in patients with newly diagnosed type 2 diabetes mellitus. 2021 , 226, 152113	1
627	Inflammasomes as therapeutic targets in human diseases. 2021 , 6, 247	17
626	Modulating the foreign body response of implants for diabetes treatment. 2021 , 174, 87-113	13
625	Arthritis is associated with an increased risk of incident diabetes in Chinese adults: A nationwide cohort study and updated meta-analysis. 2021 , e3487	
624	The Role of IL-37 and IL-38 in Obstetrics Abnormalities. 2021 , 8, 737084	0
623	Swimming exercise decreases depression-like behaviour and inflammatory cytokines in a mouse model of type 2 diabetes. 2021 , 106, 1981-1991	1
622	Investigation of the levels of circulating miR-29a, miR-122, sestrin 2 and inflammatory markers in obese children with/without type 2 diabetes: a case control study. 2021 , 21, 152	1
621	Diabetic Kinome Inhibitors-A New Opportunity for ECells Restoration. 2021 , 22,	2
620	Association of dietary inflammatory potential with risk of overall and cause-specific mortality. 2021 , 1-10	1
619	Visceral Adipose Tissue: A New Target Organ in Virus-Induced Type 1 Diabetes. 2021 , 12, 702506	1
618	CCR2-engineered mesenchymal stromal cells accelerate diabetic wound healing by restoring immunological homeostasis. 2021 , 275, 120963	7
617	Association of Plasma Branched-Chain Amino Acid With Biomarkers of Inflammation and Lipid Metabolism in Women. 2021 , 14, e003330	3
616	Effects of a Lifestyle Intervention on Bone Turnover in Persons with Type 2 Diabetes: A post hoc Analysis of the U-TURN Trial. 2021 ,	0

615	Explore the active ingredients and mechanisms in Musa basjoo pseudostem juice against diabetes based on animal experiment, gas chromatography-mass spectrometer and network pharmacology. 2021,	1
614	IL-6 family cytokines as potential therapeutic strategies to treat metabolic diseases. 2021, 144, 155549	3
613	Type 2 Diabetes Mellitus and Latent Tuberculosis Infection Moderately Influence Innate Lymphoid Cell Immune Responses in Uganda. 2021, 12, 716819	0
612	Effects of endurance exercise on serum inflammatory cytokine level and kidney structure in a rat diabetes model. 2021, 22, 1125	1
611	2020 Clinical guidelines for Atrial fibrillation and atrial flutter. 2021, 26, 4594	31
610	Inflammation and ischemic heart disease: The next therapeutic target?. 2021, 40, 785-785	3
609	Is diabetes mellitus a wrongdoer to COVID-19 severity?. 2021, 178, 108936	3
608	The Aggressive Diabetic Kidney Disease in Youth-Onset Type 2 Diabetes: Pathogenetic Mechanisms and Potential Therapies. 2021, 57,	3
607	The Effect of Resistance Exercise on Myocardial Inflammatory Cytokines and ERK1/2 Expression in Type 2 Diabetic Rats. 2021, 30, 309-317	
606	The role of Wnt pathway in obesity induced inflammation and diabetes: a review.. 2021, 20, 1871-1882	0
605	Acute mild dim light at night slightly modifies sleep but does not affect glucose homeostasis in healthy men. 2021, 84, 158-164	0
604	Altered relationship between gluconeogenesis and immunity in broilers exposed to heat stress for different durations. 2021, 100, 101274	4
603	Impairment of effector molecules response in diabetes induces susceptibility to Leishmania amazonensis infection. 2021, 237, 58-65	
602	Oxygen in Metabolic Dysfunction and Its Therapeutic Relevance. 2021, 35, 642-687	0
601	The Stress Axis in Obesity and Diabetes Mellitus: An Update. 2021, 2, 334-347	0
600	Sugar intake from sweetened beverages and diabetes: A narrative review. 2021, 12, 1530-1538	1
599	Circadian Clock Regulates Inflammation and the Development of Neurodegeneration. 2021, 11, 696554	4
598	Continuous glucose monitoring to measure metabolic impact and recovery in sub-elite endurance athletes. 2021, 70, 103059	2

- 597 Cancer and diabetes: the interlinking metabolic pathways and repurposing actions of antidiabetic drugs. **2021**, 21, 499 2
- 596 Epidemiology of Isolated Impaired Glucose Tolerance Among Adults Aged Above 50 Years in Rural China. **2021**, 14, 4067-4078
- 595 Association of Protein Z with Prediabetes and Type 2 Diabetes (Endocrinol Metab 2021;36:637-46, Yun-Ui Bae et al.). **2021**, 36, 1149-1150
- 594 Metformin selectively dampens the acute inflammatory response through an AMPK-dependent mechanism. **2021**, 11, 18721 5
- 593 NLRP3 inflammasome and IL-1 β pathway in type 2 diabetes and atherosclerosis: Friend or foe?. **2021**, 173, 105885 7
- 592 Oncostatin M suppresses browning of white adipocytes via gp130-STAT3 signaling. **2021**, 54, 101341 1
- 591 Vitamin D Combined with Pioglitazone Mitigates Type-2 Diabetes-induced Hepatic Injury Through Targeting Inflammation, Apoptosis, and Oxidative Stress. **2021**, 1 1
- 590 The Role of Adaptive and Innate Immunity in Alzheimer's Disease. **2021**, 213-232
- 589 Effects of Acute Fructose Loading on Markers of Inflammation-A Pilot Study. **2021**, 13, 0
- 588 Cardiovascular comorbidities, inflammation, and cerebral small vessel disease. **2021**, 117, 2575-2588 3
- 587 Early and late endocrine complications of COVID-19. **2021**, 10, R229-R239 10
- 586 Targeting Inflammatory Cytokines to Improve Type 2 Diabetes Control. **2021**, 2021, 7297419 5
- 585 Immune Cell Landscape of Patients With Diabetic Macular Edema by Single-Cell RNA Analysis. **2021**, 12, 754933 0
- 584 Dietary factors and the risk of lumbar spinal stenosis: A case-control analysis from the PREFACE study. **2021**, 0
- 583 Bioactive Foods and Medicinal Plants for Cardiovascular Complications of Type II Diabetes: Current Clinical Evidence and Future Perspectives. **2021**, 2021, 6681540 3
- 582 Peripheral Immune Dysfunction: A Problem of Central Importance after Spinal Cord Injury. **2021**, 10, 3
- 581 Konya bölgesi popülasyonunda CAPN10 genindeki SNP-43 polimorfizmi Tip 2 Diabetes riski ile ilişkilidir. **2021**, 31, 290-294
- 580 Combined Effects of Insulin Resistance and Inflammation on Comorbidities of Type 2 Diabetes. **2021**, 22, 207-219

579	Fasting plasma glucose and glucose fluctuation are associated with COVID-19 prognosis regardless of pre-existing diabetes. 2021 , 180, 109041	2
578	Licochalcone E improves insulin sensitivity in palmitic acid-treated HepG2 cells through inhibition of the NLRP3 signaling pathway. 2021 , 99, 107923	0
577	Molecular characterization of thioredoxin-interacting protein (TXNIP) from <i>Megalobrama amblycephala</i> and its potential roles in high glucose-induced inflammatory response. 2021 , 188, 460-472	2
576	Elevated branched-chain keto acids exacerbate macrophage oxidative stress and chronic inflammatory damage in type 2 diabetes mellitus. 2021 , 175, 141-154	2
575	Synergistic effects of electronegative-LDL- and palmitic-acid-triggered IL-1 β production in macrophages via LOX-1- and voltage-gated-potassium-channel-dependent pathways. 2021 , 97, 108767	1
574	Impact of type 2 diabetes mellitus on the immunoregulatory characteristics of adipose tissue-derived mesenchymal stem cells. 2021 , 140, 106072	3
573	Epigenetic regulation of inflammatory factors in adipose tissue. 2021 , 1866, 159019	3
572	Associations of solid fuel use and ambient air pollution with estimated 10-year atherosclerotic cardiovascular disease risk. 2021 , 157, 106865	2
571	Association of chemokines IP-10/CXCL10 and I-TAC/CXCL11 with insulin resistance and enhance leukocyte endothelial arrest in obesity. 2022 , 139, 104254	1
570	Bioinspired peptide adhesion on Ti implants alleviates wear particle-induced inflammation and improves interfacial osteogenesis. 2022 , 605, 410-424	7
569	Differences in the mechanism of type 1 and type 2 diabetes-induced skin dryness by using model mice. 2021 , 18, 474-481	2
568	Increased spontaneous CCL2 (MCP-1) and CCL5 (RANTES) secretion in vitro in LADA compared to type 1 diabetes and type 2 diabetes: Action LADA 14. 2021 , 37, e3431	
567	Zinc transporters and their functional integration in mammalian cells. 2021 , 296, 100320	33
566	Effects of 100% Orange Juice on Markers of Inflammation and Oxidation in Healthy and At-Risk Adult Populations: A Scoping Review, Systematic Review, and Meta-analysis. 2021 ,	1
565	Intermittent fasting for the prevention of cardiovascular disease. 2021 , 1, CD013496	11
564	deficiency in the intestinal epithelium promotes age-induced obesity via propionate-mediated AKT activation. 2021 , 17, 1302-1314	1
563	Adipocytes Are the Control Tower That Manages Adipose Tissue Immunity by Regulating Lipid Metabolism. 2020 , 11, 598566	1
562	8-Hydroxydeoxyguanosine: A valuable predictor of oxidative DNA damage in cancer and diabetes mellitus. 2021 , 179-187	1

561	Effects of brown seaweed polyphenols, a class of phlorotannins, on metabolic disorders via regulation of fat function. 2021 , 12, 2378-2388	4
560	Increased metformin dosage suppresses pro-inflammatory cytokine levels in systemic circulation and might contribute to its beneficial effects. 2021 , 42, 252-264	6
559	The helminth glycoprotein omega-1 improves metabolic homeostasis in obese mice through type 2 immunity-independent inhibition of food intake. 2021 , 35, e21331	11
558	Aging of immune system. 2021 , 113-128	0
557	Adipose tissue macrophages as a therapeutic target in obesity-associated diseases. 2021 , 22, e13200	6
556	Obesity, Inflammation, and Insulin Resistance. 2013 , 1-23	5
555	The Impact of Estrogen Receptor Expression in the Pathogenesis of the Metabolic Syndrome. 2013 , 87-121	1
554	Emerging roles for A20 in islet biology and pathology. 2014 , 809, 141-62	7
553	The Effects of Obesity on Immune Function and Pulmonary Host Defense. 2013 , 47-69	2
552	The Impact of Everyday Stressors on the Immune System and Health. 2020 , 71-92	15
551	Fracture Healing and Progress Towards Successful Repair. 2020 , 225-243	2
550	Encyclopedia of Inflammatory Diseases. 2013 , 1-9	3
549	Inflammaging. 2018 , 1-31	3
548	Endocrine System. 2013 , 715-763	1
547	An Hsp20-FBXO4 Axis Regulates Adipocyte Function through Modulating PPAR α Ubiquitination. 2018 , 23, 3607-3620	16
546	In vivo antioxidant and anti-inflammatory effects of soluble dietary fiber Konjac glucomannan in type-2 diabetic rats. 2020 , 159, 1186-1196	10
545	Ginsenoside Rg5 relieves type 2 diabetes by improving hepatic insulin resistance in db/db mice. 2020 , 71, 104014	11
544	Job insecurity and risk of coronary heart disease: Mediation analyses of health behaviors, sleep problems, physiological and psychological factors. 2020 , 118, 104706	6

543	The prospective association between stressful life events and inflammation among adolescents with a history of early institutional rearing. 2020 , 32, 1715-1724	4
542	Interleukin-1 β is a potential therapeutic target for periodontitis: a narrative review. 2020 , 12, 2	68
541	Dendritic cell maturation in the corneal epithelium with onset of type 2 diabetes is associated with tumor necrosis factor receptor superfamily member 9. 2018 , 8, 14248	25
540	Ubiquitin fold modifier 1 activates NF- κ B pathway by down-regulating LZAP expression in the macrophage of diabetic mouse model. 2020 , 40,	4
539	Specialized pro-resolving mediators in diabetes: novel therapeutic strategies. 2019 , 133, 2121-2141	7
538	Mitophagy-mediated adipose inflammation contributes to type 2 diabetes with hepatic insulin resistance. 2021 , 218,	13
537	MAFLD vs. NAFLD: shared features and potential changes in epidemiology, pathophysiology, diagnosis, and pharmacotherapy. 2020 , 134, 8-19	15
536	Dietary inflammatory index and dietary energy density are associated with menopausal symptoms in postmenopausal women: a cross-sectional study. 2020 , 27, 568-578	3
535	Genetic determinants of chromatin accessibility in T cell activation across humans.	2
534	Intravital imaging of islet Ca ²⁺ dynamics reveals enhanced β cell connectivity after bariatric surgery in mice.	2
533	The helminth glycoprotein omega-1 improves metabolic homeostasis in obese mice through type-2 immunity-independent inhibition of food intake.	1
532	Cardiometabolic Risk Factors for COVID-19 Susceptibility and Severity: A Mendelian Randomization Analysis. 2020 ,	15
531	Genetics of fasting indices of glucose homeostasis using GWIS unravels tight relationships with inflammatory markers.	0
530	miR-467 regulates inflammation and blood insulin and glucose.	2
529	Association of Glycated Proteins with Inflammatory Proteins and Periodontal Disease Parameters. 2020 , 2020, 6450742	3
528	Interleukin-1 signaling contributes to acute islet compensation. 2016 , 1, e86055	51
527	β Cell dysfunction during progression of metabolic syndrome to type 2 diabetes. 2019 , 129, 4001-4008	81
526	Natural killer T cells in adipose tissue prevent insulin resistance. 2012 , 122, 3343-54	155

525	SMRT-GPS2 corepressor pathway dysregulation coincides with obesity-linked adipocyte inflammation. 2013 , 123, 362-79	61
524	Inflammation-associated lymphangiogenesis: a double-edged sword?. 2014 , 124, 936-42	149
523	Distinct but complementary contributions of PPAR isotypes to energy homeostasis. 2017 , 127, 1202-1214	174
522	Immunity and the carotid body: implications for metabolic diseases. 2020 , 6, 24	9
521	Sclecting Mesenteritis Causing Chylous Ascites and Small Bowel Perforation. 2017 , 18, 696-699	2
520	An Autopsy Case of Mesenteric Panniculitis with Massive Pleural Effusions. 2018 , 19, 13-20	6
519	T Cell Profile was Altered in Pulmonary Tuberculosis Patients with Type 2 Diabetes. 2018 , 24, 636-642	5
518	Inflammation and Metabolic Syndrome: An Overview. 2015 , 3, 263-268	8
517	Intake of dietary fats and fatty acids and the incidence of type 2 diabetes: A systematic review and dose-response meta-analysis of prospective observational studies. 2020 , 17, e1003347	17
516	Excessive food intake, obesity and inflammation process in Zucker fa/fa rat pancreatic islets. 2011 , 6, e22954	23
515	Impaired virus clearance, compromised immune response and increased mortality in type 2 diabetic mice infected with West Nile virus. 2012 , 7, e44682	35
514	The rs1024611 regulatory region polymorphism is associated with CCL2 allelic expression imbalance. 2012 , 7, e49498	29
513	Systems biology approach reveals genome to phenome correlation in type 2 diabetes. 2013 , 8, e53522	39
512	CD44 plays a critical role in regulating diet-induced adipose inflammation, hepatic steatosis, and insulin resistance. 2013 , 8, e58417	41
511	Quercetin protects against diabetes-induced exaggerated vasoconstriction in rats: effect on low grade inflammation. 2013 , 8, e63784	100
510	Age-related modulation of the effects of obesity on gene expression profiles of mouse bone marrow and epididymal adipocytes. 2013 , 8, e72367	27
509	Salicylate prevents virus-induced type 1 diabetes in the BBDR rat. 2013 , 8, e78050	8
508	Association between traffic-related air pollution, subclinical inflammation and impaired glucose metabolism: results from the SALIA study. 2013 , 8, e83042	49

507	PEP-1-PON1 protein regulates inflammatory response in raw 264.7 macrophages and ameliorates inflammation in a TPA-induced animal model. 2014 , 9, e86034	21
506	MAP3K8 (TPL2/COT) affects obesity-induced adipose tissue inflammation without systemic effects in humans and in mice. 2014 , 9, e89615	12
505	Regenerating 1 and 3b gene expression in the pancreas of type 2 diabetic Goto-Kakizaki (GK) rats. 2014 , 9, e90045	15
504	Inverse associations between obesity indicators and thymic T-cell production levels in aging atomic-bomb survivors. 2014 , 9, e91985	13
503	Association of circulating C1q/TNF-related protein 1 levels with coronary artery disease in men. 2014 , 9, e99846	32
502	Elevated plasma levels of the pituitary hormone Cthrc1 in individuals with red hair but not in patients with solid tumors. 2014 , 9, e100449	12
501	Diabetes mellitus and risk of age-related macular degeneration: a systematic review and meta-analysis. 2014 , 9, e108196	41
500	Coincident pre-diabetes is associated with dysregulated cytokine responses in pulmonary tuberculosis. 2014 , 9, e112108	22
499	Deletion of apoptosis signal-regulating kinase 1 (ASK1) protects pancreatic beta-cells from stress-induced death but not from glucose homeostasis alterations under pro-inflammatory conditions. 2014 , 9, e112714	10
498	Anti-inflammatory effects of secondary metabolites of marine <i>Pseudomonas</i> sp. in human neutrophils are through inhibiting P38 MAPK, JNK, and calcium pathways. 2014 , 9, e114761	14
497	A model of metabolic syndrome and related diseases with intestinal endotoxemia in rats fed a high fat and high sucrose diet. 2014 , 9, e115148	54
496	Associations of Circulating Lymphocyte Subpopulations with Type 2 Diabetes: Cross-Sectional Results from the Multi-Ethnic Study of Atherosclerosis (MESA). 2015 , 10, e0139962	23
495	Total and Differential Leukocyte Counts in Relation to Incidence of Diabetes Mellitus: A Prospective Population-Based Cohort Study. 2016 , 11, e0148963	6
494	Diet-Induced Maternal Obesity Alters Insulin Signalling in Male Mice Offspring Rechallenged with a High-Fat Diet in Adulthood. 2016 , 11, e0160184	29
493	Phenome-Wide Association Study to Explore Relationships between Immune System Related Genetic Loci and Complex Traits and Diseases. 2016 , 11, e0160573	17
492	Poor clinical response in rheumatoid arthritis is the main risk factor for diabetes development in the short-term: A 1-year, single-centre, longitudinal study. 2017 , 12, e0181203	33
491	Bergenin protects pancreatic beta cells against cytokine-induced apoptosis in INS-1E cells. 2020 , 15, e0241349	5
490	<i>Syphacia muris</i> infection delays the onset of hyperglycemia in WBN/Kob-Lepr fa rats, a new type 2 diabetes mellitus model. 2015 , 52, 58-62	2

489	Erythrocyte membrane in type 2 diabetes mellitus. 2016 , 4, e60	9
488	Mechanisms of β cell dedifferentiation in diabetes: recent findings and future research directions. 2018 , 236, R109-R143	105
487	Is Type 2 Diabetes an Autoimmune Disorder of Gradual Onset?. 2014 , 1,	1
486	Double Stranded RNA Dependent Protein Kinase (PKR) and Type 2 Diabetes. 2015 , 2,	1
485	IMMUNOREGULATORY IMBALANCE AND FUNCTIONAL STATE OF THE HEART IN THE PATIENTS WITH DIABETES MELLITUS TYPE 2. 2018 , 20, 833-846	4
484	Leukocyte Count as Chronic Inflammation Markers in Type 2 Diabetes Patients.	1
483	ATP-Binding Cassette Transporter A1 Polymorphisms and Haplotypes in Risk of Type 2 Diabetes. 2016 , 4,	4
482	Effect of the insulin on the apolipoprotein a-i gene expression in human macrophages. 2020 , 20, 65-74	1
481	Lithocholic bile acid selectively kills neuroblastoma cells, while sparing normal neuronal cells. 2011 , 2, 761-82	64
480	CD226 reduces endothelial cell glucose uptake under hyperglycemic conditions with inflammation in type 2 diabetes mellitus. 2016 , 7, 12010-23	11
479	Impaired macrophage autophagy induces systemic insulin resistance in obesity. 2016 , 7, 35577-35591	56
478	Interleukin-1 antagonists and other cytokine blockade strategies for type 1 diabetes. 2012 , 9, 338-47	12
477	Thrombospondins and remodeling of the tumor microenvironment. 2018 , 2,	6
476	EFFECT OF "TAI CHI" EXERCISE ON ANTIOXIDANT ENZYMES ACTIVITIES AND IMMUNITY FUNCTION IN MIDDLE-AGED PARTICIPANTS. 2016 , 13, 87-90	5
475	The Impact of Glycemic Status and Metformin Administration on Red Blood Cell Indices and Oxidative Stress in Type 2 Diabetic Patients. 2019 , 26, 47-60	5
474	Blocking Interleukin-1 as a Novel Therapeutic Strategy for Secondary Prevention of Cardiovascular Events. 2012 , 26, 217	2
473	Natural Alkaloids Intervening the Insulin Pathway: New Hopes for Anti-Diabetic Agents?. 2019 , 26, 5982-6015	21
472	Type 2 Diabetes and its Impact on the Immune System. 2020 , 16, 442-449	151

471	Chronic Stress and Diabetes Mellitus: Interwoven Pathologies. 2020 , 16, 546-556	18
470	Nutrients, Bioactive Compounds and Bioactivity: The Health Benefits of Sweet Cherries (<i>Prunus avium</i> L.). 2019 , 15, 208-227	19
469	The onset of type 2 diabetes: proposal for a multi-scale model. 2013 , 2, e44	10
468	Interleukin 2 Topical Cream for Treatment of Diabetic Foot Ulcer: Experiment Protocol. 2015 , 4, e89	3
467	Toll-Like Receptor 2 (TLR-2) Gene Polymorphisms in Type 2 Diabetes Mellitus. 2019 , 20, 559-563	5
466	Importance of Intestinal Environment and Cellular Plasticity of Islets in the Development of Postpancreatectomy Diabetes. 2021 , 44, 1002-1011	2
465	Effects of Resistance Exercise on GLUT-2 Expression of Liver and Inflammatory Markers of Skeletal Muscle in Diabetic Rats. 2017 , 56, 705-714	2
464	The pathological role of adipose tissue aging in the progression of systemic insulin resistance. 2015 , 35, 178-184	0
463	Immunometabolic control of homeostasis and inflammation. 2015 , 35, 185-192	2
462	Effect of sitagliptin on serum levels of TNF- α , IL-1 β and IL-10 in patients with type 2 diabetes mellitus. 2020 , 22, 71-77	2
461	Proinflammatory Cytokines Perturb Mouse and Human Pancreatic Islet Circadian Rhythmicity and Induce Uncoordinated β Cell Clock Gene Expression via Nitric Oxide, Lysine Deacetylases, and Immunoproteasomal Activity. 2020 , 22,	3
460	Monounsaturated Fatty Acids in Obesity-Related Inflammation. 2020 , 22,	20
459	The Effect of Natural Antioxidants in the Development of Metabolic Syndrome: Focus on Bergamot Polyphenolic Fraction. 2020 , 12,	20
458	<i>Helicobacter pylori</i> infection and diabetes: is it a myth or fact?. 2014 , 20, 4607-17	52
457	Mitochondrial dysfunction and pancreatic islet β cell failure (Review). 2020 , 20, 266	6
456	Berberine Analogue Y53 has Improved Antioxidant and Anti-Inflammatory Activities in Diabetic C57BL/6J Mice with Liver Steatosis. 2015 , 12, 11-18	2
455	Hesperidin Exerts the Gestational Diabetes Mellitus via AGEs-RAGE Signalling Pathway. 2019 , 15, 604-615	8
454	Evaluation of Safety and in vitro Mechanisms of Anti-diabetic Activity of β caryophyllene and L-arginine. 2018 , 18, 124-134	6

453	Metformin Suppresses MHC-Restricted Antigen Presentation by Inhibiting Co-Stimulatory Factors and MHC Molecules in APCs. 2013 , 21, 35-41	4
452	Tumor necrosis factor- β interleukin-4 and -6 in the serum of health, chronic periodontitis, and type 2 diabetes mellitus. 2016 , 20, 509-513	12
451	In vitro Screening and Evaluation of 37 Traditional Chinese Medicines for Their Potential to Activate Peroxisome Proliferator-Activated Receptors- α 2016 , 12, 120-7	8
450	Body Composition in Type 2 Diabetes: Change in Quality and not Just Quantity that Matters. 2015 , 6, 122	24
449	Lack of association between rs1800795 (-174 G/C) polymorphism in the promoter region of interleukin-6 gene and susceptibility to type 2 diabetes in Isfahan population. 2016 , 5, 18	5
448	Association of microRNA gene polymorphisms with Type 2 diabetes mellitus: A systematic review and meta-analysis. 2020 , 25, 56	6
447	Hypoglycemic, Hypolipidemic, and Wound Healing Potential of Quercetin in Streptozotocin-Induced Diabetic Rats. 2017 , 13, S633-S639	13
446	Complement activation in obesity, insulin resistance, and type 2 diabetes mellitus. 2020 , 11, 1-12	29
445	Salicortin suppresses lipopolysaccharide-stimulated inflammatory responses via blockade of NF- κ B and JNK activation in RAW 264.7 macrophages. 2014 , 47, 318-23	42
444	Transduced Tat-DJ-1 protein inhibits cytokines-induced pancreatic RINm5F cell death. 2016 , 49, 297-302	9
443	Protective effects of Tat-DJ-1 protein against streptozotocin-induced diabetes in a mice model. 2018 , 51, 362-367	10
442	Relationship Between HbA1c and Complex Regional Pain Syndrome in Stroke Patients With Type 2 Diabetes Mellitus. 2016 , 40, 779-785	4
441	The Influence of Psychological Stress on the Initiation and Progression of Diabetes and Cancer. 2019 , 17, e67400	18
440	Evaluating the Effect of the rs2229238 and the rs4845625 Interleukin 6 Receptor Gene Polymorphisms on Body Mass Index and the Risk of Type 2 Diabetes in an Iranian Study Population. 2016 , 5,	4
439	The Association of C-Reactive Protein (CRP) Gene Polymorphism (+1059 G>C) With Type 2 Diabetes Mellitus in the Northwestern Population of Iran. 2018 , In Press,	1
438	Role of inflammasome regulation on immune modulators. 2018 , 32, 401-410	17
437	Negative Correlation between Serum Brain-derived Neurotrophic Factor Levels and Obesity Predictor Markers and Inflammation Levels in Females with Obesity. 2020 , 9, 1021-1026	1
436	Adverse Effects of Metformin From Diabetes to COVID-19, Cancer, Neurodegenerative Diseases, and Aging: Is VDAC1 a Common Target?. 2021 , 12, 730048	10

- 435 Association between Geriatric Nutrition Risk Index and The Presence of Sarcopenia in People with Type 2 Diabetes Mellitus: A Cross-Sectional Study. **2021**, 13, 1
- 434 Gut-derived bacterial flagellin induces beta-cell inflammation and dysfunction. 0
- 433 Dihydromyricetin resists inflammation-induced muscle atrophy via ryanodine receptor-CaMKK-AMPK signal pathway. **2021**, 25, 9953-9971 2
- 432 Diabetes mellitus Typ 2 und Krebserkrankungen. **2022**, 18, 18
- 431 Dihydromyricetin Ameliorates Inflammation-Induced Insulin Resistance via Phospholipase C-CaMKK-AMPK Signal Pathway. **2021**, 2021, 8542809 1
- 430 Genome-wide gene and serum ferritin interaction in the development of type 2 diabetes in adults aged 40 years or older.. **2022**, 32, 231-240
- 429 Evaluation of associations between estimates of particulate matter exposure and new onset type 2 diabetes in the REGARDS cohort. **2021**, 1
- 428 Adiponectin ameliorates lung ischemia-reperfusion injury through SIRT1-PINK1 signaling-mediated mitophagy in type 2 diabetic rats. **2021**, 22, 258 3
- 427 IL-1beta promotes the age-associated decline of beta cell function. **2021**, 24, 103250 1
- 426 Metaflammation, NLRP3 Inflammasome Obesity and Metabolic Disease. **2011**, 3, 168
- 425 Cachexia and Sarcopenia. 141-153
- 424 Anomalous lipoprotein-X in type 2 diabetes mellitus. **2012**, 58, 18-21
- 423 Diabetes and the Cardiovascular System. **2013**, 701-714
- 422 Increased Adiposity and Endometrial Cancer Risk. **2013**, 53-69
- 421 Impact des cytokines pro-inflammatoires sur la signalisation insulinique de lââdipocyte. **2013**, 303-323
- 420 [Metabolic differences in healthy first-degree female relatives of type 2 diabetic patients]. **2013**, 154, 1747-53
- 419 The Role of Inflammation in Type 2 Diabetes-Driven Atherosclerosis. **2014**, 213-237
- 418 Elucidation of Cancer Drivers Through Comparative Omic Data Analyses. **2014**, 113-147

- 417 Inflammatory Pathways Linked to Beta Cell Demise in Diabetes. **2014**, 1-50
- 416 The Predictive Value of Biopsy of the Pancreas and Its Therapeutic Impact in Autoimmune Diabetes. **2014**, 04, 297-303
- 415 Obesity and Gallbladder Disease. **2014**, 613-624
- 414 Inflammatory Pathways Linked to β Cell Demise in Diabetes. **2015**, 989-1045
- 413 The blood leptin and the activity of the system inflammatory response in patients with diabetes mellitus type 2 with different body weight and disease duration. **2014**, 60, 56-60 0
- 412 Linking Inflammation, Obesity and Diabetes. **2015**, 1-24
- 411 Diabetes, Depression, and Cardiovascular Risk. **2015**, 1-17
- 410 Biopsy of the pancreas: the predictive value and therapeutic impact on autoimmune diabetes. **2015**, 27, 48-52
- 409 Compendium of Inflammatory Diseases. **2016**, 986-993 1
- 408 Role of Double-Stranded RNA Pathways in Immunometabolism in Obesity. **2016**, 277-290
- 407 The Future of Diabetes. **2016**, 1-14
- 406 Immunology, Inflammation, Mental Disorders, and Cardiovascular Risk. **2016**, 769-788
- 405 Sclerosing Mesenteritis and Disturbance of Glucose Metabolism: A New Relationship? A Case Series. **2016**, 17, 55-9 7
- 404 Comparison of a Simple Nutrition Screening Tool (SNST) Compared with Subjective Global Assessment (SGA) in Body Mass Index (BMI) Assessments of Type 2 Diabetic Patients Validation of SNST Versus BMI in T2 Diabetes. **2016**, 15, 412-418 0
- 403 The Future of Diabetes. **2017**, 999-1012
- 402 Immunopathology of the Endocrine System. **2017**, 649-694
- 401 Serum content of total adiponectin in the ChNPP accident clean/up workers of the «iodine period» suffering from type 2 diabetes mellitus (literature review and research data). **2017**, 22, 353-371 1
- 400 Obesity/Type II Diabetes Alters Macrophage Polarization Resulting in a Fibrotic Tendon Healing Response.

- 399 Beneficial Effects of Fasting on White Adipose Tissue Inflammation and Metabolic Syndrome in Obese Subjects: Review. **2017**, 4, 1
- 398 Encyclopedia of Behavioral Medicine. **2018**, 1-5
- 397 MORPHOLOGICAL AND FUNCTIONAL MYOCARDIAL ABNORMALITIES IN THE CHORNOBYL NPP ACCIDENT CLEAN-UP WORKERS OF «IODINE» PERIOD HAVING GOT TYPE 2 DIABETES MELLITUS. **2018**, 23, 302-330
- 396 Inflammaging. **2018**, 52, 5-10
- 395 Evaluation of the Serum Levels of IL-1 in Type 2 Diabetic Patients with and without Diabetic Nephropathy. **2018**, 08, 54-60 1
- 394 The features of the surgical treatment and fixation of the flap of skin after amputation of finger falanges in patients with diabetic foot syndrome. **2018**, 24, 28-33
- 393 Reduced Peripheral Blood Mononuclear Cell ROCK1 and ROCK2 Levels in Obstructive Sleep Apnea Syndrome. **2018**, 32, 319-325 2
- 392 2018 Korean Heart Rhythm Society Guidelines for Detection and Management of Risk Factors and Concomitant Cardiovascular Diseases in Korean Patients with Atrial Fibrillation. **2018**, 93, 324-335 1
- 391 Islet macrophages shift to a reparative state following pancreatic beta-cell death and are a major source of islet IGF-1.
- 390 Usefulness of the neutrophil-to-lymphocyte ratio to prediction of complications in type 2 diabetes mellitus.
- 389 Multimodality Preclinical Imaging in Inflammatory Diseases. **2019**, 135-160
- 388 Transcriptional activity of transforming growth factor beta1 gene and its receptors in patients with early stages of coronary artery disease. **2019**, 110, 92-94 1
- 387 Atherosclerosis Risk Factors. **2019**, 9-45
- 386 Regulating Inflammatory Cytokines in the Diabetic Heart. **2019**, 427-436
- 385 Serum Levels of Insulin-Like Growth Factor 1, Interlukin-6, Heat-Shock Proteins-27 and Heat-Shock Proteins-60 as Inflammatory Markers of Type 2 Diabetes: A Case-Control Study. **2019**, In Press,
- 384 Is Urinary Calprotectin a Useful Tool to Detect the Therapeutic Control of Type II Diabetes?. **2019**, 15, 295-300
- 383 The wound process variants course in patients with diabetic foot syndrome in the vacuum therapy background. **2019**, 41 part 1, 40-44 1
- 382 Upregulated toll-like receptors 2 and 4 expression underlies delayed diabetic wound healing. 1

- 381 Role of autophagy in LPS-induced inflammation in INS-1 cells. **2019**, 19, 5211-5218 2
- 380 Markers of Oxidative Stress and Inflammation in only Diabetic and Obese Ghanaian Populations: The RODAM Study. **2019**, 9, 8-15 1
- 379 Physiological and Inflammatory Activity in Various Conditions. **2020**, 115-127
- 378   **2019**, 162-165
- 377 Red Blood Cells Aggregation in the Patients with Type 2 Diabetes and T2D Associated Anemia, a Case Control Study in Bangladesh. **2019**, 26, 413-423
- 376 Insulin resistance: Unsolved issues of harm and use. **2020**, 34, 39-48
- 375 Contrasting impact of rural, versus urban, living on glucose metabolism and blood pressure in Uganda. **2020**, 5, 39
- 374 MEDICAL-SOCIAL AND ECONOMIC ISSUES IN TREATMENT OF PATIENTS WITH DIABETIC FOOT SYNDROME. **2020**, 42-48 0
- 373 Contrasting impact of rural, versus urban, living on glucose metabolism and blood pressure in Uganda. **2020**, 5, 39 2
- 372 Clinical Characteristics and Outcomes of COVID-19 patients with diabetes mellitus in Kuwait. 3
- 371 Non-obese population with the rs7903146 T allele exhibits higher sugar and more dyslipidaemia in subjects with Type-2-diabetes.
- 370 Chemical inducer of regucalcin attenuates lipopolysaccharide-induced inflammatory responses in pancreatic MIN6 cells and RAW264.7 macrophages. **2021**, 0
- 369 Profiles of inflammatory markers and their association with cardiometabolic parameters in rural and urban Uganda. 6, 291
- 368 The Beneficial Effects of Essential Oils in Anti-Obesity Treatment. **2021**, 22, 4
- 367 Periodontal Diseases in Diabetes Melitus - A Two Way Link? A Review of Literature. **2020**, 25, 77-79
- 366 Assessment of Inflammatory Markers IL- 6 and TNF- Alpha in Newly Diagnosed Type II Diabetics without Hypertension in Comparison with Non-Diabetic Normotensive Subjects. **2020**, 3, 34-36
- 365 Evaluation of Percentage of Interferon-Gamma Secreting T Helper Cells and Expression of Related Genes in Patients with Type 2 Diabetes Mellitus. **2020**, 27, 140-148
- 364 The mediating role of vascular inflammation in traffic-related air pollution associated changes in insulin resistance in healthy adults. **2022**, 239, 113878 0

363	The Effects of Stress on Glycemic Control Brought on by Changes in Social Conditions due to COVID-19. 2021 ,	0
362	Nanotechnology and Diabetes Management: Recent Advances and Future Perspectives. 2020 , 99-117	1
361	Air pollution mediates diabetes by disrupting gut innate mucosal immunity.	
360	Biomarker of systemic inflammation in women with arterial hypertension and obesity, depending on the presence of type 2 diabetes. 2020 , 2020, 43-47	0
359	Encyclopedia of Behavioral Medicine. 2020 , 45-49	
358	Fatty acid mediators and the inflammasome. 2020 , 197-221	
357	The effects of the ginger supplements on inflammatory parameters in type 2 diabetes patients: A systematic review and meta-analysis of randomised controlled trials. 2021 , 46, 66-72	0
356	Associations between a protective lifestyle behaviour score and biomarkers of chronic low-grade inflammation: a cross-sectional analysis in middle-to-older aged adults. 2021 ,	0
355	Immunomodulatory effect of melatonin supplementation in experimental diabetes. 2020 , 67, 223-228	1
354	Telomere dysfunction, autoimmunity and aging. 2011 , 2, 524-37	56
353	Microarray analysis of gene expression in West Nile virus-infected human retinal pigment epithelium. 2012 , 18, 730-43	32
352	Closing the loop on inflammation and atherothrombosis: why perform the CIRT and CANTOS trials?. 2013 , 124, 174-90	56
351	Glucose intolerance and hepatocellular carcinoma: recent findings for old diseases. 2014 , 3, 91-2	4
350	Analgesic, anti-inflammatory and anti-pyretic activities of <i>Caesalpinia decapetala</i> . 2014 , 4, 43-8	3
349	Inflammasome activation in obesity-related inflammatory diseases and autoimmunity. 2011 , 12, 65-74	53
348	Relationship between Type 2 Diabetes and Inflammation Diseases: Cohort Study in Chinese Adults. 2015 , 44, 1045-52	1
347	B Cells with Regulatory Function in Human Diseases. 2014 , 1,	1
346	Muscle atrophy in patients with Type 2 Diabetes Mellitus: roles of inflammatory pathways, physical activity and exercise. 2016 , 22, 94-109	66

- 345 The Minor Variant of the Single-Nucleotide Polymorphism rs3753381 Affects the Activity of a SLAMF1 Enhancer. **2017**, 9, 94-102
- 344 Molecular changes in obese and depressive patients are similar to neurodegenerative disorders. **2017**, 16, 192-200 1
- 343 Effects of Alpha-hydroxy-isocaproic acid upon Body Composition in a Type I Diabetic Patient with Muscle Atrophy - A Case Study. **2018**, 91, 161-171 2
- 342 Nitric Oxide Synthase 2 Polymorphisms (rs2779248T/C and rs1137933C/T) and the Risk of Type 2 Diabetes in Zahedan, Southeastern Iran. **2018**, 47, 1734-1741 5
- 341 Emerging prospects of vitamin D3 in metabolic syndrome: A proof of concept (POC) approach targeting inflammation. **2020**, 19, 1512-1516 1
- 340 The effects of twenty-four nutrients and phytonutrients on immune system function and inflammation: A narrative review. **2021**, 7, 333-376 2
- 339 Cytokine signature for predicting new-onset prediabetes after acute pancreatitis: A prospective longitudinal cohort study. **2021**, 150, 155768 3
- 338 Inflammation and ischemic heart disease: The next therapeutic target?. **2021**, 40, 785-796 1
- 337 The IMAGINE Intervention: Impacting Physical Activity, Body Fat, Body Mass Index, and Dietary Inflammatory Index. **2022**, 7,
- 336 Association between Diet Quality Indices and Incidence of Type 2 Diabetes in the Melbourne Collaborative Cohort Study. **2021**, 13, 2
- 335 The Determination of Type 2 Diabetes Mellitus's Impact on the Density of Retinal Blood Vessels and the Choriocapillaris: Optical Coherence Tomography Angiography Study. **2021**, 2021, 7043251
- 334 Effects of High-Intensity Interval Training on Inflammatory Biomarkers in Patients with Type 2 Diabetes. A Systematic Review. **2021**, 18, 1
- 333 Urolithins: Diet-Derived Bioavailable Metabolites to Tackle Diabetes.. **2021**, 13, 0
- 332 Diabetes and Colorectal Cancer Risk: A New Look at Molecular Mechanisms and Potential Role of Novel Antidiabetic Agents. **2021**, 22, 1
- 331 Pathophysiology of type 2 diabetes and the impact of altered metabolic interorgan crosstalk. **2021**, 5
- 330 Deletion of GPR21 improves glucose homeostasis and inhibits the CCL2-CCR2 axis by divergent mechanisms. **2021**, 9, 2
- 329 Blackcurrant Improves Diabetic Cardiovascular Dysfunction by Reducing Inflammatory Cytokines in Type 2 Diabetes Mellitus Mice. **2021**, 13, 1
- 328 IL-1 and TNF Cooperativity in Regulating IL-6 Expression in Adipocytes Depends on CREB Binding and H3K14 Acetylation. **2021**, 10, 2

327	Islet-on-a-chip for the study of pancreatic β cell function. 1	2
326	Diacerein attenuates vascular dysfunction by reducing inflammatory response and insulin resistance in type 2 diabetic rats. 2021 , 585, 68-74	1
325	Current Insights on the Modulation of Gut Microbiome and Its Effect on Human Health. 2022 , 29-51	
324	Flavonoids, alkaloids and terpenoids: a new hope for the treatment of diabetes mellitus. 1	2
323	The Long Pentraxin PTX3 as a New Biomarker and Pharmacological Target in Age-Related Macular Degeneration and Diabetic Retinopathy.. 2021 , 12, 811344	2
322	Effects of red raspberry polyphenols and metabolites on the biomarkers of inflammation and insulin resistance in type 2 diabetes: a pilot study.. 2022 ,	0
321	Inflammation in obesity, diabetes, and related disorders.. 2022 , 55, 31-55	28
320	Patho-Pharmacological Research of Anti-allergic Natural Products Targeting Antihistamine-Sensitive and -Insensitive Allergic Mechanisms. 2021 , 1	1
319	The effect of etanercept and anakinra on experimental type 2 diabetes pathology in rats. 2021 , 90, 421-429	0
318	Diabetes mellitus contribution to the remodeling of the tumor microenvironment in gastric cancer.. 2021 , 13, 1997-2012	1
317	Islet Inflammation and β Cell Dysfunction in Type 2 Diabetes.. 2022 , 1	0
316	Investigation of serum level relationship anti-glutamic acid decarboxylase antibody and inflammatory cytokines (IL1- β IL-6) with vitamins D in type 2 diabetes. 1	
315	Involvement of Inflammasome Components in Kidney Disease.. 2022 , 11,	4
314	Anti-inflammatory strategies for atherosclerotic artery disease.. 2022 ,	1
313	Multi-Organ Crosstalk with Endocrine Pancreas: A Focus on How Gut Microbiota Shapes Pancreatic Beta-Cells.. 2022 , 12,	3
312	Brick by Brick: Building a Transdiagnostic Understanding of Inflammation in Psychiatry.. 2022 , 30, 40-53	2
311	Assessment of resveratrol on diabetes of zebrafish (Danio rerio). 1	0
310	Inflammation, Hyperglycemia, and Adverse Outcomes in Individuals With Diabetes Mellitus Hospitalized for COVID-19.. 2022 ,	3

309	Serum Adropin Levels in Patients with Rheumatoid Arthritis.. 2022 , 12,	0
308	Effects of glycine on metabolic syndrome components: a review.. 2022 , 1	0
307	Glucose Affects the Quality and Properties of Hard Tissue in Diabetes Mellitus Model. 2022 , 31, 29-38	
306	Relationship between the ApoB/ApoA-I ratio trajectory and risk of type 2 diabetes in China: a retrospective cohort study.. 2022 , 1	0
305	Can Fasting Curb the Metabolic Syndrome Epidemic?. 2022 , 14,	1
304	Mechanistic Basis for the Role of Phytochemicals in Inflammation-Associated Chronic Diseases.. 2022 , 27,	3
303	Islet Autoimmunity is Highly Prevalent and Associated With Diminished β Cell Function in Patients With Type 2 Diabetes in the Grade Study.. 2022 ,	2
302	Beneficial Impact of Pork Dry-Cured Ham Consumption on Blood Pressure and Cardiometabolic Markers in Individuals with Cardiovascular Risk.. 2022 , 14,	0
301	Inflammation and mortality in COVID-19 hospitalized patients with and without type 2 diabetes.. 2022 ,	1
300	Interleukin-1 β secretion induced by mucosa-associated gut commensal bacteria promotes intestinal barrier repair.. 2022 , 14, 2014772	0
299	Examination of Early Childhood Temperament of Shyness and Social Avoidance and Associations With Cardiometabolic Health in Young Adulthood.. 2022 , 5, e2144727	
298	Inter-organ Crosstalk in Pancreatic Islet Function and Pathology.. 2022 ,	1
297	Metabolic and proteomic signatures of type 2 diabetes subtypes in an Arab population.	0
296	Beneficial effects of metformin supplementation in hypothalamic paraventricular nucleus and arcuate nucleus of type 2 diabetic rats.. 2022 , 115893	0
295	Autonomous sensing of the insulin peptide by an olfactory G protein-coupled receptor modulates glucose metabolism.. 2022 , 34, 240-255.e10	4
294	Dextran-Mimetic Quantum Dots for Multimodal Macrophage Imaging , and .. 2022 ,	1
293	Novel diabetes gene discovery through comprehensive characterization and integrative analysis of longitudinal gene expression changes.. 2022 ,	0
292	Clinical Analysis of Gender and Pre-Existing Diabetes Mellitus in Patients With Polymyalgia Rheumatica: A Retrospective Study in a Japanese Population.. 2022 ,	

291	Compensatory intestinal antibody response against pro-inflammatory microbiota after bariatric surgery.. 2022 , 14, 2031696	0
290	Anti-inflammatory effects of WFS1 in pancreatic β cells.	
289	Effect of parthenolide, an NLRP3 inflammasome inhibitor, on insulin resistance in high-fat diet-obese mice.. 2022 , 1-10	0
288	Longitudinal association of Apolipoprotein E polymorphism with lipid profile, type 2 diabetes and metabolic syndrome: Results from a 15 year follow-up study.. 2022 , 109778	1
287	Bioactive components and anti-diabetic properties of Lam. 2021 , 1-25	6
286	Habitual Intake of Marine-derived n-3 Polyunsaturated Fatty Acids is Inversely Associated with a Cardiometabolic Inflammatory Profile in Yup'ik Alaska Native People. 2021 ,	3
285	PROBABILITY OF HOSPITALIZATION AND DEATH AMONG COVID-19 PATIENTS WITH COMORBIDITY DURING OUTBREAKS OCCURRING IN MEXICO CITY.	1
284	Inflammation in Coronary Microvascular Dysfunction.. 2021 , 22,	5
283	Markers of Bacterial Translocation in Type 2 Diabetes Mellitus. 2022 , 1-23	0
282	Clinical application of intermittent fasting for weight loss: progress and future directions.. 2022 ,	3
281	Downregulation of ALDH6A1 is a New Marker of Muscle Insulin Resistance in Type 2 Diabetes Mellitus.. 2022 , 15, 2137-2147	0
280	The Role of Bone-Derived Hormones in Glucose Metabolism, Diabetic Kidney Disease, and Cardiovascular Disorders.. 2022 , 23,	3
279	Diabetes and COVID-19; A Bidirectional Interplay.. 2022 , 13, 780663	5
278	High quality and anti-inflammatory diets and a healthy lifestyle are associated with lower sleep apnea risk.. 2022 ,	0
277	In Obese Patients With Type 2 Diabetes, Mast Cells in Omental Adipose Tissue Decrease the Surface Expression of CD45, CD117, CD203c, and Fc γ RI.. 2022 , 13, 818388	0
276	Abnormal High-sensitivity C-reactive Protein is Associated with an Increased Risk of Cardiovascular Disease and Renal Dysfunction among Patients Diagnosed with Type 2 Diabetes Mellitus in Palestine.. 2022 , 18, 27-33	
275	Association between Clinical Use of Colchicine and Risk of Type 2 Diabetes Mellitus among Gouty Patients: A Nationwide Cohort Study.. 2022 , 19,	
274	Lipopolysaccharide and the gut microbiota: Considering structural variation.. 2022 ,	2

273	Caloric restriction overcomes pre-diabetes and hypertension induced by a high fat diet and renal artery stenosis.. 2022 , 1	0
272	βGlucosidase and Bacterial βGlucuronidase Inhibitors from the Stems of Staph.. 2022 , 15,	
271	Loss of Function of WFS1 Causes ER Stress-Mediated Inflammation in Pancreatic Beta-Cells.. 2022 , 13, 849204	1
270	Evaluation of Serum Selenium and Copper Levels with Inflammatory Cytokines and Indices of Oxidative Stress in Type 2 Diabetes.. 2022 ,	3
269	General Health Benefits and Pharmacological Activities of L.. 2022 , 27,	3
268	Diabetes as a potential compounding factor in COVID-19-mediated male subfertility.. 2022 , 12, 35	1
267	A New Hypothesis for Alzheimer's Disease: The Lipid Invasion Model.. 2022 , 6, 129-161	0
266	Transcriptional control of pancreatic βcell identity and plasticity during the pathogenesis of type 2 diabetes.. 2022 ,	2
265	Role of Exosomal miR-223 in Chronic Skeletal Muscle Inflammation.. 2022 ,	0
264	The antioxidant, anti-inflammatory, and antiplatelet effects of Ribes rubrum L. fruit extract in the diabetic rats.. 2022 , e14124	0
263	Altered fibrinogen level and fibrin clot structure in myostatin homozygous mutant pig.. 2022 ,	1
262	NLRP3 is a promising target for regulating high glucose-induced inflammatory response in Megalobrama amblycephala. 2022 , 738220	
261	Inflammatory cytokines rewire the proinsulin interaction network in human islets.	
260	Tim-3 Expression Causes NK Cell Dysfunction in Type 2 Diabetes Patients.. 2022 , 13, 852436	0
259	βcell mitochondria in diabetes mellitus: a missing puzzle piece in the generation of hPSC-derived pancreatic βcells?. 2022 , 20, 163	0
258	TNFAIP3 Reduction-of-Function Drives Female Infertility and CNS Inflammation.. 2022 , 13, 811525	
257	Combination Antiretroviral Therapy (cART) in Diabetes Exacerbates Diabetogenic Effects on Hippocampal Microstructure, Neurogenesis and Cytokine Perturbation in Male Sprague Dawley Rats.. 2022 , 12,	1
256	Examining the Effect of Consuming C Medium-Chain Triglyceride Oil for 14 Days on Markers of NLRP3 Activation in Healthy Humans.. 2022 , 2022, 7672759	1

255	Mechanistic insights into glucose induced vascular epigenetic reprogramming in type 2 diabetes.. 2022 , 298, 120490	1
254	Role of Circulating Microparticles in Type 2 Diabetes Mellitus: Implications for Pathological Clotting.. 2021 , 48,	1
253	The Effect of Diabetes Mellitus on IGF Axis and Stem Cell Mediated Regeneration of the Periodontium.. 2021 , 8,	
252	Th1/Th2 Balance in Young Subjects: Relationship with Cytokine Levels and Metabolic Profile.. 2021 , 14, 6587-6600	1
251	The effects of almond consumption on inflammatory biomarkers in adults: A systematic review and meta-analysis of randomized clinical trials.. 2021 ,	2
250	Comparison of the Development and Prognosis in Patients of Hypertriglyceridemic Pancreatitis with and without Diabetes.. 2021 , 2021, 8895268	1
249	Effect of Diabetes on Post-stroke Recovery: A Systematic Narrative Review.. 2021 , 12, 747878	2
248	Nitazoxanide Exerts Immunomodulatory Effects on Peripheral Blood Mononuclear Cells from Type 2 Diabetes Patients.. 2021 , 11,	0
247	Trends in risk factor control in patients with gout: data from the National Health and Nutrition Examination Survey, 2007-2018.. 2022 ,	
246	Autoimmune diseases and metabolic disorders: Molecular connections and potential therapeutic targets. 2022 , 169-183	
245	Diabetic sarcopenia: metabolic and molecular appraisal.. 2022 ,	
244	IGFBP5 promotes diabetic kidney disease progression by enhancing PFKFB3-mediated endothelial glycolysis.. 2022 , 13, 340	0
243	Polymeric Nanocapsules Containing Fennel Essential Oil: Their Preparation, Physicochemical Characterization, Stability over Time and in Simulated Gastrointestinal Conditions.. 2022 , 14,	3
242	Cross Talk between Inflammation and Metabolic Disorders.. 2022 , 2022, 9821506	0
241	Cardio-onco-metabolism: metabolic remodelling in cardiovascular disease and cancer.. 2022 ,	0
240	The roles of cell-cell and organ-organ crosstalk in the type 2 diabetes mellitus associated inflammatory microenvironment.. 2022 ,	0
239	Data_Sheet_1.PDF. 2020 ,	
238	Table_1.DOCX. 2019 ,	

237 Table_2.PDF. **2019**,

236 Image_1.TIFF. **2020**,

235 Data_Sheet_1.pdf. **2020**,

234 Table_1.DOCX. **2018**,

233 Table_2.DOCX. **2018**,

232 Table_3.docx. **2018**,

231 Table_1.DOCX. **2018**,

230 Data_Sheet_1.ZIP. **2018**,

229 Image_1.pdf. **2018**,

228 Image_1.TIF. **2020**,

227 Image_2.TIF. **2020**,

226 Image_3.TIF. **2020**,

225 Image_4.TIF. **2020**,

224 Table_1.XLSX. **2020**,

223 Table_2.XLSX. **2020**,

222 Table_3.XLSX. **2020**,

221 Data_Sheet_1.pdf. **2019**,

220 Presentation_1.pdf. **2018**,

- 219 Interleukin-37: A Link Between COVID-19, Diabetes, and the Black Fungus.. **2021**, 12, 788741 0
- 218 Manno-oligosaccharides from cassia seed gum ameliorate inflammation and improve glucose metabolism in diabetic rats. 1
- 217 Research progress of konjac dietary fibre in the prevention and treatment of diabetes. 42,
- 216 Diabetes Mellitus. **2022**, 7017-7043
- 215 Diabetes-Modifying Antirheumatic Drugs: The Roles of DMARDs as Glucose-Lowering Agents. **2022**, 58, 571 1
- 214 Endogenous Lipid-GPR120 Signaling Modulates Pancreatic Islet Homeostasis to Different Extents.. **2022**, 1
- 213 The Association Between Plasma Fatty Acid and Cognitive Function Mediated by Inflammation in Patients with Type 2 Diabetes Mellitus.. **2022**, 15, 1423-1436 1
- 212 Irisin reduces inflammatory signaling pathways in inflammation-mediated metabolic syndrome.. **2022**, 552, 111676 0
- 211 Bacteroides ovatus-mediated CD27 MAIT cell activation is associated with obesity-related T2D progression.. **2022**, 0
- 210 Dietary score associations with markers of chronic low-grade inflammation: a cross-sectional comparative analysis of a middle- to older-aged population.. **2022**, 1
- 209 Immunomodulatory and immunosuppressive therapies in cardiovascular disease and type 2 diabetes mellitus: A bedside-to-bench approach.. **2022**, 925, 174998
- 208 Pharmacological effects of polydatin in the treatment of metabolic diseases: a review. **2022**, 154161 1
- 207 The role of arylamine N-acetyltransferases in chronic degenerative diseases: Their possible function in the immune system.. **2022**, 119297
- 206 Galectin-3 Inhibition Ameliorates Streptozotocin-Induced Diabetic Cardiomyopathy in Mice.. **2022**, 9, 868372 0
- 205 Differential diagnosis in Charcot neuroarthropathy. **2022**, 223-259
- 204 The Promising Role of Microbiome Therapy on Biomarkers of Inflammation and Oxidative Stress in Type 2 Diabetes: A Systematic and Narrative Review. **2022**, 9, 0
- 203 The Long-Term Effect of COVID-19 Disease Severity on Risk of Diabetes Incidence and the Near 1-Year Follow-Up Outcomes among Postdischarge Patients in Wuhan. **2022**, 11, 3094 1
- 202 Fibroblast Growth Factor 23 and Cardiovascular Risk in Diabetes Patients—Cardiologists Be Aware. **2022**, 12, 498

- 201 Mechanism of glycometabolism regulation by bioactive compounds from the fruits of *Lycium barbarum*: A review. **2022**, 111408 ○
- 200 Evaluation of the alteration in retinal features following bariatric surgery in patients with morbid obesity. **2022**, 5, 789-793
- 199 Interactions between Caveolin-1 polymorphism and Plant-based dietary index on metabolic and inflammatory markers among women with obesity. **2022**, 12, ○
- 198 Gene expression profile analyses to identify potential biomarkers for myopia.
- 197 Utilization of Mind&Body Intervention for Integrative Health Care of COVID-19 Patients and Survivors. **2022**, 19, 6618 ○
- 196 Inflammation and atherogenic markers in patients with type 2 diabetes mellitus. **2022**,
- 195 Inflammaging and Osteoarthritis. 1
- 194 Retinal vessel diameters and function in cardiovascular risk and disease. **2022**, 101095 ○
- 193 Effects of an exercise-based lifestyle intervention on systemic markers of oxidative stress and advanced glycation endproducts in persons with type 2 diabetes: Secondary analysis of a randomised clinical trial. **2022**, 1
- 192 Reduced Cytokine Tumour Necrosis Factor by Pharmacological Intervention in a Preclinical Study. **2022**, 12, 877 1
- 191 Coronaviral Infection and Interferon Response: The Virus-Host Arms Race and COVID-19. **2022**, 14, 1349 ○
- 190 Elevated CD4+ T cell glucose metabolism in HIV+ women with diabetes mellitus. Publish Ahead of Print, ○
- 189 Effects of Moderate Consumption of Red Wine on Hepcidin Levels in Patients with Type 2 Diabetes Mellitus. **2022**, 11, 1881 ○
- 188 Rheumatoid arthritis and the risk of major cardiometabolic diseases: a Mendelian randomization study. 1-7 ○
- 187 The cephalic phase of insulin release is modulated by IL-1 β **2022**, ○
- 186 COVID-19 and the hidden threat of diabetic microvascular complications. **2022**, 13, 204201882211107 ○
- 185 Improving oxidative stress and inflammation status of obese women with metabolic syndrome using phenolic-rich red kidney bean sprout milk yogurt. **2022**, 29, 142-148
- 184 Effect of performing high-intensity interval training and resistance training on the same day vs. different days in women with type 2 diabetes. ○

- 183 Association of the triglyceride-glucose index with weight-adjusted appendicular lean mass in Chinese adolescents aged 12–18 years old. **2022**, 12,
- 182 Tryptophan and serotonin levels as potent biomarkers in diabetes mellitus complications: a new approach of diagnostic role. 0
- 181 Grape seed and skin extract, a potential prebiotic with anti-obesity effect through gut microbiota modulation. **2022**, 14, 0
- 180 The Emerging Role of Bone-Derived Hormones in Diabetes Mellitus and Diabetic Kidney Disease. 13, 0
- 179 Challenges in hyperglycemia management in critically ill patients with COVID-19. **2022**, 11, 219-227 0
- 178 Shifts in the immunoepigenomic landscape of monocytes in response to a diabetes-specific social support intervention: a pilot study among Native Hawaiian adults with diabetes. **2022**, 14,
- 177 The recovery of ocular surface after bariatric surgery in morbid obese patients. **2022**, 5, 938-941
- 176 Xanthatin Alleviates LPS-Induced Inflammatory Response in RAW264.7 Macrophages by Inhibiting NF- κ B, MAPK and STATs Activation. **2022**, 27, 4603 1
- 175 Adipose-derived stromal cells reverse insulin resistance through inhibition of M1 expression in a type 2 diabetes mellitus mouse model. **2022**, 13,
- 174 Nanomedicine for diabetes mellitus management. **2022**, 179-203
- 173 RETROSPECTIVE STUDY ON GLYCAEMIC CONTROL OF THE MIDDLE-AGED PATIENTS RECEIVING STEROID THERAPY IN COVID ICU. **2022**, 1-6
- 172 Luteolin-Rich Extract of *Thespesia garckeana* F. Hoffm. (Snot Apple) Contains Potential Drug-Like Candidates and Modulates Glycemic and Oxidoinflammatory Aberrations in Experimental Animals. **2022**, 2022, 1-20 1
- 171 Associations between the Nutrient Profiling System Underlying the Nutri-Score Nutrition Label and Biomarkers of Chronic Low-Grade Inflammation: A Cross-Sectional Analysis of a Middle- to Older-Aged Population. **2022**, 14, 3122
- 170 Elevated Plasma Levels of C1qTNF1 Protein in Patients with Age-Related Macular Degeneration and Glucose Disturbances. **2022**, 11, 4391
- 169 Association Between the Neutrophil-To-Lymphocyte Ratio and Diabetes Secondary to Exocrine Pancreatic Disorders. 13, 1
- 168 Dietary Inflammatory Index and Cardiometabolic Risk in Ecuadorian School-Age Children. 1-10
- 167 Gut-derived bacterial flagellin induces beta-cell inflammation and dysfunction. **2022**, 14, 1
- 166 Trimethylamine N-oxide facilitates the progression of atrial fibrillation in rats with type 2 diabetes by aggravating cardiac inflammation and connexin remodeling. 2

165	Macrophage Phenotypes in Normal and Diabetic Wound Healing and Therapeutic Interventions. 2022 , 11, 2430	0
164	Human circulating bacteria and dysbiosis in non-infectious diseases. 12,	1
163	Celastrol: A Promising Agent Fighting against Cardiovascular Diseases. 2022 , 11, 1597	1
162	The role and mechanisms of gut microbiota in diabetic nephropathy, diabetic retinopathy and cardiovascular diseases. 13,	1
161	An update on molecular mechanisms of curcumin effect on diabetes.	1
160	Diabetic bone regeneration with nanoceria-tailored scaffolds by recapitulating cellular microenvironment: Activating integrin/TGF- β -signaling of MSCs while relieving oxidative stress. 2022 , 121732	0
159	IL-1 Receptor Antagonist (IL-1Ra) Levels and Management of Metabolic Disorders. 2022 , 14, 3422	0
158	Inflammatory cytokines rewire the proinsulin interaction in human islets.	0
157	Somatic ablation of IKK β in liver and leukocytes is not tolerated in obese mice but hepatic IKK β deletion improves fatty liver and insulin sensitivity. 2022 , 36,	0
156	Oral administration of <i>Blautia wexlerae</i> ameliorates obesity and type 2 diabetes via metabolic remodeling of the gut microbiota. 2022 , 13,	3
155	The impact of long-term exposure to PM ₁₀ , SO ₂ , O ₃ , NO ₂ , and CO on incident dysglycemia: a population-based cohort study.	0
154	Skin Dialogues in Atopic Dermatitis. 2022 , 12, 1889	
153	Cell dynamics in type 2 diabetes and in dietary and exercise interventions.	1
152	Butyrate inhibits IL-1 β -induced inflammatory gene expression by suppression of NF- κ B activity in pancreatic beta cells. 2022 , 298, 102312	1
151	The sweet fuel of inflammation: New perspectives on the complex web that interconnects diabetes. 2022 , 167, 111905	
150	N-terminal BET bromodomain inhibitors disrupt a BRD4-p65 interaction and reduce inducible nitric oxide synthase transcription in pancreatic cells. 13,	0
149	Association of mean arterial pressure with 5-year risk of incident diabetes in Chinese adults: a secondary population-based cohort study. 2022 , 12, e048194	0
148	Canakinumab in patients with COVID-19 and type 2 diabetes – A multicentre, randomised, double-blind, placebo-controlled trial. 2022 , 53, 101649	1

- 147 The role of pyridine derivatives on the treatment of some complex diseases: A review. **2023**, 143-158 0
- 146 Modulation of gut microbiota and hypoglycemic/hypolipidemic activity of flavonoids from the fruits of *Lycium barbarum* on high-fat diet/streptozotocin-induced type 2 diabetic mice. 1
- 145 SIRT6-Regulated Macrophage Efferocytosis Epigenetically Controls Inflammation Resolution of Diabetic Periodontitis. 0
- 144 The Potential Role of Cytokines in Diabetic Intervertebral Disc Degeneration. **2022**, 13, 1323 1
- 143 GPR92 activation in islet macrophages controls β cell function in a diet-induced obesity model. 0
- 142 Pathophysiology of obesity. **2023**, 31-47 0
- 141 Patient Factors Affecting Regenerative Medicine Outcomes. **2023**, 209-213 0
- 140 Evaluation of Comorbidities as Risk Factors for Fracture-Related Infection and Periprosthetic Joint Infection in Germany. **2022**, 11, 5042 2
- 139 Diabetes mellitus and endometrial carcinoma: Risk factors and etiological links. **2022**, 101, e30299 0
- 138 A Hot Water Extract of *Curcuma longa* L. Improves Fasting Serum Glucose Levels in Participants with Low-Grade Inflammation: Reanalysis of Data from Two Randomized, Double-Blind, Placebo-Controlled Trials. **2022**, 14, 3763 0
- 137 Lifestyle-Related Risk Factors for the Incidence and Progression of Chronic Kidney Disease in the Healthy Young and Middle-Aged Population. **2022**, 14, 3787 2
- 136 Markers of Bacterial Translocation in Type 2 Diabetes Mellitus. **2023**, 923-945 0
- 135 Effectiveness and safety of COVID-19 vaccines in patients with diabetes as a factor for vaccine hesitancy. **2022**, 13, 738-751 0
- 134 How dysregulation of the immune system promotes diabetes mellitus and cardiovascular risk complications. 9, 0
- 133 Human umbilical cord mesenchymal stem cells ameliorate erectile dysfunction in rats with diabetes mellitus through the attenuation of ferroptosis. **2022**, 13, 2
- 132 Roles of long noncoding RNAs and small extracellular vesicle-long noncoding RNAs in type 2 diabetes. 0
- 131 White cell count trajectory and type 2 diabetes in health management population: a retrospective cohort study. **2022**, 12, e057966 0
- 130 Impact of type 2 diabetes on in vivo activities and protein expressions of cytochrome P450 in patients with obesity. 1

- 129 Bioelectronic medicine: Preclinical insights and clinical advances. **2022**, 1
- 128 The Mitigatory Effect of Shen-Qi Compound on the Diabetic Thoracic Aortic Complications through Inhibiting the Inflammatory Microenvironment by miR-223-3p/RBP-J/IRF8 Axis. **2022**, 2022, 1-15 0
- 127 Early-life stress and dietary fatty acids impact the brain lipid/oxylin profile into adulthood, basally and in response to LPS. 13, 0
- 126 Emerging roles of Protease-Activated Receptors in Cardiometabolic Disorders. **2022**, 0
- 125 Increased levels of serum adenosine deaminase and increased risk of diabetic peripheral neuropathy in type 2 diabetes. 13, 0
- 124 Association of complement C3 with incident type 2 diabetes and the mediating role of BMI: A 10-year follow-up study. 0
- 123 Initiation of glucose-lowering drugs reduces the anticoagulant effect of warfarin but not through altered drug metabolism in patients with type 2 diabetes. 0
- 122 Flavonoids as Antidiabetic and Anti-Inflammatory Agents: A Review on Structural Activity Relationship-Based Studies and Meta-Analysis. **2022**, 23, 12605 1
- 121 Neuropsychological decrements in midlife type-2 diabetes are not associated with peripheral NLRP3 inflammasome responsiveness. 13, 0
- 120 Adipose-Derived Stem Cells (ADSCs) Supplemented with Hepatocyte Growth Factor (HGF) Attenuate Hepatic Stellate Cell Activation and Liver Fibrosis by Inhibiting the TGF- β /Smad Signaling Pathway in Chemical-Induced Liver Fibrosis Associated with Diabetes. **2022**, 11, 3338 1
- 119 Could Duodenal Molecular Mechanisms be Involved in the Hypocholesterolemic Effect of Silicon Used as Functional Ingredient in Late-Stage Type 2 Diabetes Mellitus?. 2200104 0
- 118 Potential therapeutic role of pyroptosis mediated by the NLRP3 inflammasome in type 2 diabetes and its complications. 13, 0
- 117 Lipid peroxidation linking diabetes and cancer; the importance of 4-hydroxynonenal. 2
- 116 Skin, Liver, and Kidney Interactions Contribute to Skin Dryness in Aging KK-Ay/Tajcl Mice. **2022**, 10, 2648 0
- 115 Fufang Fanshiliu Decoction Revealed the Antidiabetic Effect through Modulating Inflammatory Response and Gut Microbiota Composition. **2022**, 2022, 1-10 0
- 114 Oxidative Stress and Intervertebral Disc Degeneration: Pathophysiology, Signaling Pathway, and Therapy. **2022**, 2022, 1-14 1
- 113 Insulin Downregulates the Expression of ATP-binding Cassette Transporter A-I in Human Hepatoma Cell Line HepG2 in a FOXO1 and LXR Dependent Manner. 0
- 112 Glucagon induces the hepatic expression of inflammatory markers in vitro and in vivo. 0

111	Potential Roles of Anti-Inflammatory Plant-Derived Bioactive Compounds Targeting Inflammation in Microvascular Complications of Diabetes. 2022 , 27, 7352	0
110	Phosphatase protector alpha4 (4) is involved in adipocyte maintenance and mitochondrial homeostasis through regulation of insulin signaling. 2022 , 13,	1
109	Mendelian randomization accounting for complex correlated horizontal pleiotropy while elucidating shared genetic etiology. 2022 , 13,	0
108	Cannabinoids and terpenes for diabetes mellitus and its complications: from mechanisms to new therapies. 2022 ,	0
107	Differences in inflammatory pathways between Dutch South Asians versus Dutch Europeans with type 2 diabetes.	1
106	Glutathione: A Samsonian life-sustaining small molecule that protects against oxidative stress, ageing and damaging inflammation. 9,	3
105	Cell-Membrane-Coated Cationic Nanoparticles Disguised as Macrophages for the Prevention and Treatment of Type 2 Diabetes Mellitus.	0
104	Inflammaging and body composition: New insights in diabetic and hypertensive elderly men. 2022 , 170, 112005	0
103	Nye suksesskriterier for sunn mat. 2017 , 15, 44-48	0
102	Impact of Diabetes on the Clinical outcome of COVID 19 Patients admitted in Tertiary Care Hospital of Khyber Pakhtunkhwa, Pakistan. 234-238	0
101	The Anti-Inflammatory Effect of Novel Antidiabetic Agents. 2022 , 12, 1829	1
100	Exercise training-induced changes in exerkine concentrations may be relevant to the metabolic control of type 2 diabetes mellitus patients: A systematic review and meta-analysis of randomized controlled trials. 2022 ,	1
99	Probability of hospitalisation and death among COVID-19 patients with comorbidity during outbreaks occurring in Mexico City. 12,	0
98	Predictive markers for clinical outcomes in a cohort of diabetic patients hospitalized for COVID-19. 2022 , 14,	0
97	FGF15 Protects Septic Mice by Inhibiting Inflammation and Modulating Treg Responses. Volume 15, 6187-6197	0
96	Proteomic signatures for identification of impaired glucose tolerance.	0
95	Inflammatory Biomarker Responses to Whole-Body Vibration in Subjects with Different Clinical Status: A Systematic Review. 2022 , 19, 14853	0
94	In Vitro Anti-Inflammatory Effects of Symplocos sumuntia Buch.-Ham. Ex D. Don Extract via Blockage of the NF- κ B/JNK Signaling Pathways in LPS-Activated Microglial Cells. 2022 , 11, 3095	0

- 93 Association of physical activity and air pollution exposure with the risk of type 2 diabetes: a large population-based prospective cohort study. **2022**, 21, ○
- 92 Impact of mental disorders on the risk of atrial fibrillation in patients with diabetes mellitus: a nationwide population-based study. **2022**, 21, ○
- 91 Metabolic and proteomic signatures of type 2 diabetes subtypes in an Arab population. **2022**, 13, ○
- 90 Association of habitual coffee consumption and kidney function: A prospective analysis in the Rotterdam Study. **2023**, 42, 83-92 ○
- 89 The Role of p66Shc in Diabetes: A Comprehensive Review from Bench to Bedside. **2022**, 2022, 1-15 ○
- 88 GLYCEMIC STATUS IN COVID AND POST COVID-19 INFECTION IN HOSPITALISED PATIENTS.. **2022**, 5-7 ○
- 87 Blockade of CXXC5-dishevelled interaction inhibits adipogenic differentiation, obesity, and insulin resistance in mice. **2022**, 12, ○
- 86 A Military Community Cohort Study Reveals Single Nucleotide Polymorphisms in Inflammation Mediator Genes That Associate With Type 2 Diabetes. ○
- 85 Effects of rosuvastatin/ezetimibe on senescence of CD8+ T-cell in type 2 diabetic patients with hypercholesterolemia: A study protocol. **2022**, 101, e31691 ○
- 84 Development of synthetic lipoxin-A4 mimetics (sLXms): New avenues in the treatment of cardio-metabolic diseases. **2022**, 101699 ○
- 83 MicroRNAs: key regulators of the trophoblast function in pregnancy disorders. ○
- 82 Type 2 Diabetes and Parkinson's Disease: A Focused Review of Current Concepts. 1
- 81 Association of NFKB1 gene polymorphism (rs28362491)with cardiometabolic risk factor ´ in patients undergoing coronary angiography. ○
- 80 Gene Expression Profiling of Peripheral Blood Mononuclear Cells in Type 2 Diabetes: An Exploratory Study. **2022**, 58, 1829 ○
- 79 Benefits of herbal formulae containing Poria cocos (Fuling) for type 2 diabetes mellitus: A systematic review and meta-analysis. **2022**, 17, e0278536 ○
- 78 Decreased cardiovascular risk factors and inflammation with remission of type 2 diabetes in adults with obesity using a high protein diet: Randomized control trial. **2022**, 4, 100047 ○
- 77 Resting State Network Functional Connectivity Pre- and Post-Bariatric Surgery. **2022**, ○
- 76 β -linolenic acid regulates macrophages via GPR120-NLRP3 inflammasome pathway to ameliorate diabetic rats. **2022**, 99, 105348 ○

- 75 The effect of type-2 diabetes conditions on neutrophil rolling adhesion. **2022**, 15, ○
- 74 The Risk of SARS-CoV-2 Infection in Pregnant Women: An Observational Cohort Study Using the BIFAP Database. **2022**, 10, 2429 ○
- 73 The role of inflammation in immune system of diabetic retinopathy: Molecular mechanisms, pathogenetic role and therapeutic implications. 13, 1
- 72 Cross-Generational Impact of Innate Immune Memory Following Pregnancy Complications. **2022**, 11, 3935 ○
- 71 Traditional Chinese medicine body constitution predicts new-onset diabetic albuminuria in patients with type 2 diabetes: Taichung diabetic body constitution prospective cohort study. **2022**, 101, e32342 ○
- 70 Association between Diabetes and Rheumatoid Arthritis: A Systematic Literature Review. **2022**, 16, ○
- 69 The relationship between diabetes, obesity and cardiovascular disease phenotypes: a UK Biobank cohort study. ○
- 68 Diabetes Mellitus and Microbiota: Knowledge and Perspectives. **2023**, 131-151 ○
- 67 The Heart in Diabetic Hypertensive Patients. **2023**, 195-215 ○
- 66 Underlying biochemical effects of intermittent fasting, exercise and honey on streptozotocin-induced liver damage in rats. ○
- 65 Bavachin and Corylifol A Improve Muscle Atrophy by Enhancing Mitochondria Quality Control in Type 2 Diabetic Mice. **2023**, 12, 137 ○
- 64 Diabetes Mellitus: Quantum MicroRNA Language with Artificial Intelligence (MIRAI) as an Early Diagnostic Tool For Type 2 Diabetes Mellitus for Sustainable Healthcare. **2023**, 79-101 ○
- 63 Diabetogenic Effects of Antihypertensive Drugs and Statins. **2023**, 421-435 ○
- 62 High dietary iron in western diet-fed male rats causes pancreatic islet injury and acute pancreatitis. **2023**, ○
- 61 Fecal microbiota and inflammatory and antioxidant status of obese and lean dogs, and the effect of caloric restriction. 13, ○
- 60 Asprosin in health and disease, a new glucose sensor with central and peripheral metabolic effects. 13, ○
- 59 N-3 PUFA Deficiency Aggravates Streptozotocin-Induced Pancreatic Injury in Mice but Dietary Supplementation with DHA/EPA Protects the Pancreas via Suppressing Inflammation, Oxidative Stress and Apoptosis. **2023**, 21, 39 ○
- 58 Multidrug-Resistant Escherichia coli Causing Urinary Tract Infections among Controlled and Uncontrolled Type 2 Diabetic Patients at Laquintinie Hospital in Douala, Cameroon. **2022**, 2022, 1-13 ○

- 57 What's New in the Molecular Mechanisms of Diabetic Kidney Disease: Recent Advances. **2023**, 24, 570 ○
- 56 Advances in Anti-Diabetic Cognitive Dysfunction Effect of Erigeron Breviscapus (Vaniot) Hand-Mazz. **2023**, 16, 50 ○
- 55 Non-steroidal Anti-inflammatory Drugs: Overview. **2016**, 1-9 ○
- 54 Non-steroidal Anti-inflammatory Drugs. **2016**, 1-9 ○
- 53 Impact of diabetes mellitus on immunity to latent tuberculosis infection. 4, ○
- 52 A systematic review on anti-diabetic plant essential oil compounds: Dietary sources, effects, molecular mechanisms, and safety. 1-20 ○
- 51 Unveiling the prevalence and impact of diabetes on COVID-19. **2023**, 287-301 ○
- 50 Immunologic, metabolic and genetic impact of diabetes on tuberculosis susceptibility. 14, ○
- 49 Corneal dendritic cells in diabetes mellitus: A narrative review. 14, ○
- 48 Chlorella modulation of gut microbiota dysbiosis in patients with type-2 diabetes. **2023**, 10, 45-58 ○
- 47 Potential of Bamboo in the Prevention of Diabetes-Related Disorders: Possible Mechanisms for Prevention. **2023**, 89-124 ○
- 46 Fetal growth restriction followed by early catch-up growth impairs pancreatic islet morphology in male rats. **2023**, 13, ○
- 45 Antidiabetic Properties of Plant Secondary Metabolites. **2023**, 13, 513 ○
- 44 The pyruvate dehydrogenase complex: Life's essential, vulnerable and druggable energy homeostat. **2023**, 70, 59-102 ○
- 43 Dectin-1 deficiency alleviates diabetic cardiomyopathy by attenuating macrophage-mediated inflammatory response. **2023**, 1869, 166710 ○
- 42 Comparison of changes in adipokine and inflammatory cytokine levels in patients with newly diagnosed type 2 diabetes treated with exenatide, insulin, or pioglitazone: a post-hoc study of the CONFIDENCE trial. ○
- 41 Platelets and endothelial dysfunction in gestational diabetes mellitus. **2023**, 237, ○
- 40 Inactivation of mitochondrial pyruvate carrier promotes NLRP3 inflammasome activation and gout development via metabolic reprogramming. ○

- 39 Chemical synthesis of oligosaccharides and their application in new drug research. **2023**, 249, 115164 ○
- 38 Ablation of myeloid discoidin domain receptor 2 exacerbates arthritis and high fat diet induced inflammation. **2023**, 649, 47-54 ○
- 37 Effects of hemicellulose on intestinal mucosal barrier integrity, gut microbiota, and metabolomics in a mouse model of type 2 diabetes mellitus. 14, ○
- 36 Restoring Epigenetic Reprogramming with Diet and Exercise to Improve Health-Related Metabolic Diseases. **2023**, 13, 318 ○
- 35 Relationship between severe acute respiratory syndrome coronavirus 2 and diabetes mellitus (review). **2023**, 26, 66-74 ○
- 34 An overview of the current advances in the treatment of inflammatory diseases using mesenchymal stromal cell secretome. 1-11 ○
- 33 Effect of periodontal therapy on insulin resistance in adults with dysglycemia and periodontitis: a systematic review and meta-analysis. **2023**, 27, 1329-1342 ○
- 32 Long-term exercise preserves pancreatic islet structure and β cell mass through attenuation of islet inflammation and fibrosis. **2023**, 37, ○
- 31 Combined diabetes and chronic stress exacerbates cytokine production and oxidative stress in rat liver and kidney. **2023**, 37, 250-259 ○
- 30 Exercise in the Prevention and Treatment of Type 2 Diabetes. 4559-4585 ○
- 29 Exploring the Relationship between TNF- α Gene Expression in Non Diabetic Nephropathy Type 2 Diabetes Patients. 07-10 ○
- 28 Current management of diabetes patients with COVID-19. **2023**, 18, 199-207 ○
- 27 Training vs. Tolerance: The Yin/Yang of the Innate Immune System. **2023**, 11, 766 ○
- 26 Improvement effect of a next-generation probiotic *L. plantarum*-pMG36e-GLP-1 on type 2 diabetes mellitus via the gut-pancreas-liver axis. **2023**, 14, 3179-3195 ○
- 25 Inhibition of hyaluronan synthesis prevents β cell loss in obesity-associated type 2 diabetes. ○
- 24 Heterogeneity of circulating CXCR5-PD-1hiTph cells in patients of type 2 and type 1 diabetes in Chinese population. ○
- 23 Current management of diabetes patients with COVID-19. 1-9 ○
- 22 Pericytes modulate islet immune cells and insulin secretion through Interleukin-33 production in mice. 14, ○

- 21 Pathophysiological Reconstruction of a Tissue-Specific Multiple-Organ On-A-Chip for Type 2 Diabetes Emulation using 3D Cell Printing. 2213649
- 20 Multi-omics studies in interpreting the evolving standard model for immune functions.
- 19 Role of the inflammasome in insulin resistance and type 2 diabetes mellitus. 14,
- 18 Role of Innate Immune Cells in Chronic Diabetic Wounds.
- 17 A mechanism by which gut microbiota elevates permeability and inflammation in obese/diabetic mice and human gut. gutjnl-2022-327365
- 16 Cell function is regulated by metabolic and epigenetic programming of islet-associated macrophages, involving Axl, Mertk, and TGF β receptor signaling. **2023**, 26, 106477
- 15 Glial, Neuronal, Vascular, Retinal Pigment Epithelium, and Inflammatory Cell Damage in a New Western Diet-Induced Primate Model of Diabetic Retinopathy. **2023**,
- 14 Associations of levels of peripheral blood leukocyte and subtypes with type 2 diabetes: A longitudinal study of Chinese government employees. 14,
- 13 Initiation of glucose-lowering drugs reduces the anticoagulant effect of warfarin but not through altered drug metabolism in patients with type 2 diabetes.
- 12 relationship between type 2 diabetes mellitus and Hba1c and some immunological parameters. **2022**, 14, 1-5
- 11 Association of Serum Adipsin Level with Insulin Resistance and Inflammatory Markers in Newly Diagnosed Type two Diabetes Mellitus Patients.
- 10 Co-administration of exercise training and melatonin on the function of diabetic heart tissue: a systematic review and meta-analysis of rodent models. **2023**, 15,
- 9 Inhibition of the pyroptosis-associated inflammasome pathway: The important potential mechanism of ginsenosides in ameliorating diabetes and its complications. **2023**, 253, 115336
- 8 Comparative Analysis of Glycated Haemoglobin, Fasting Blood Glucose and Haematological Parameters of Type-2 Diabetes Patients.
- 7 Ocular Delivery of Metformin for Sustained Release and In Vivo Efficacy. **2023**,
- 6 The Pathogenesis of Diabetes. **2023**, 24, 6978
- 5 High absolute neutrophil count with type 2 diabetes is associated with adverse outcome in patients with coronary artery disease: A large-scale cohort study. 14,
- 4 Particulate air pollution exaggerates diet-induced insulin resistance through NLRP3 inflammasome in mice. **2023**, 328, 121603

- 3 GPR101 loss promotes insulin resistance and diet-induced obesity risk. **2023**, 101126
- 2 Deciphering the multifunctional role of dual leucine zipper kinase (DLK) and its therapeutic potential in disease. **2023**, 115404
- 1 Distinct CD3+CD14+T Cell-Monocytes are dynamic complexes that harbor HIV and are increased with glucose intolerance.