

Myung-Shik Lee

List of Publications by Year in descending order

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Version: 2024-02-01

155
papers

21,407
citations

18887

64
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10955

142
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158
all docs

158
docs citations

158
times ranked

40829
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A GLP1/GLP2 receptor dual agonist to treat NASH: Targeting the gut-liver axis and microbiome. <i>Hepatology</i> , 2022, 75, 1523-1538. | 3.6 | 29 |
| 2 | Current Status of Autophagy Enhancers in Metabolic Disorders and Other Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 811701. | 1.8 | 5 |
| 3 | Lysosomal Ca ²⁺ -mediated TFEB activation modulates mitophagy and functional adaptation of pancreatic β -cells to metabolic stress. <i>Nature Communications</i> , 2022, 13, 1300. | 5.8 | 28 |
| 4 | Suppressive Effect of Autocrine FGF21 on Autophagy-Deficient Hepatic Tumorigenesis. <i>Frontiers in Oncology</i> , 2022, 12, 832804. | 1.3 | 6 |
| 5 | Essential role of lysosomal Ca ²⁺ -mediated TFEB activation in mitophagy and functional adaptation of pancreatic β -cells to metabolic stress. <i>Autophagy</i> , 2022, 18, 3043-3045. | 4.3 | 2 |
| 6 | Short Term Isocaloric Ketogenic Diet Modulates NLRP3 Inflammasome Via B-hydroxybutyrate and Fibroblast Growth Factor 21. <i>Frontiers in Immunology</i> , 2022, 13, 843520. | 2.2 | 8 |
| 7 | Multi-ancestry genetic study of type 2 diabetes highlights the power of diverse populations for discovery and translation. <i>Nature Genetics</i> , 2022, 54, 560-572. | 9.4 | 250 |
| 8 | TMBIM6 (transmembrane BAX inhibitor motif containing 6) enhances autophagy through regulation of lysosomal calcium. <i>Autophagy</i> , 2021, 17, 761-778. | 4.3 | 39 |
| 9 | An autophagy enhancer ameliorates diabetes of human IAPP-transgenic mice through clearance of amyloidogenic oligomer. <i>Nature Communications</i> , 2021, 12, 183. | 5.8 | 36 |
| 10 | GDF15 as a central mediator for integrated stress response and a promising therapeutic molecule for metabolic disorders and NASH. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129834. | 1.1 | 30 |
| 11 | TFEB-GDF15 axis protects against obesity and insulin resistance as a lysosomal stress response. <i>Nature Metabolism</i> , 2021, 3, 410-427. | 5.1 | 36 |
| 12 | Autophagy induction can regulate skin pigmentation by causing melanosome degradation in keratinocytes and melanocytes. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 403-415. | 1.5 | 49 |
| 13 | Amelioration of Autoimmune Diabetes of NOD Mice by Immunomodulating Probiotics. <i>Frontiers in Immunology</i> , 2020, 11, 1832. | 2.2 | 28 |
| 14 | Identification of type 2 diabetes loci in 433,540 East Asian individuals. <i>Nature</i> , 2020, 582, 240-245. | 13.7 | 282 |
| 15 | SGLT2 inhibition modulates NLRP3 inflammasome activity via ketones and insulin in diabetes with cardiovascular disease. <i>Nature Communications</i> , 2020, 11, 2127. | 5.8 | 263 |
| 16 | Innate immune receptors in type 1 diabetes: the relationship to cell death-associated inflammation. <i>Biochemical Society Transactions</i> , 2020, 48, 1213-1225. | 1.6 | 3 |
| 17 | Mitochondrial Ca Uptake Relieves Palmitate-Induced Cytosolic Ca Overload in MIN6 Cells. <i>Molecules and Cells</i> , 2020, 43, 66-75. | 1.0 | 15 |
| 18 | β -cell autophagy: Mechanism and role in β -cell dysfunction. <i>Molecular Metabolism</i> , 2019, 27, S92-S103. | 3.0 | 58 |

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|----|--|-----|-----------|
| 19 | Autophagy attenuates tubulointerstitial fibrosis through regulating transforming growth factor- β 2 and NLRP3 inflammasome signaling pathway. <i>Cell Death and Disease</i> , 2019, 10, 78. | 2.7 | 73 |
| 20 | Atg7-dependent canonical autophagy regulates the degradation of aquaporin 2 in prolonged hypokalemia. <i>Scientific Reports</i> , 2019, 9, 3021. | 1.6 | 12 |
| 21 | Autophagy in FOXD1 stroma-derived cells regulates renal fibrosis through TGF- β 2 and NLRP3 inflammasome pathway. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 965-972. | 1.0 | 13 |
| 22 | A novel autophagy enhancer as a therapeutic agent against metabolic syndrome and diabetes. <i>Nature Communications</i> , 2018, 9, 1438. | 5.8 | 115 |
| 23 | Growth differentiation factor 15 ameliorates nonalcoholic steatohepatitis and related metabolic disorders in mice. <i>Scientific Reports</i> , 2018, 8, 6789. | 1.6 | 75 |
| 24 | Pathogenesis of Nonalcoholic Steatohepatitis and Hormone-Based Therapeutic Approaches. <i>Frontiers in Endocrinology</i> , 2018, 9, 485. | 1.5 | 49 |
| 25 | Nonsynonymous Variants in <i>PAX4</i> and <i>GLP1R</i> Are Associated With Type 2 Diabetes in an East Asian Population. <i>Diabetes</i> , 2018, 67, 1892-1902. | 0.3 | 36 |
| 26 | The Role of Autophagy in Systemic Metabolism and Human-Type Diabetes. <i>Molecules and Cells</i> , 2018, 41, 11-17. | 1.0 | 42 |
| 27 | Amelioration of obesity-induced diabetes by a novel autophagy enhancer. <i>Cell Stress</i> , 2018, 2, 181-183. | 1.4 | 2 |
| 28 | Overview of the Minireviews on Autophagy. <i>Molecules and Cells</i> , 2018, 41, 1-2. | 1.0 | 27 |
| 29 | Ezetimibe ameliorates steatohepatitis via AMP activated protein kinase-TFEB-mediated activation of autophagy and NLRP3 inflammasome inhibition. <i>Autophagy</i> , 2017, 13, 1767-1781. | 4.3 | 152 |
| 30 | Alterations in Gut Microbiota and Immunity by Dietary Fat. <i>Yonsei Medical Journal</i> , 2017, 58, 1083. | 0.9 | 44 |
| 31 | Obesogenic diet-induced gut barrier dysfunction and pathobiont expansion aggravate experimental colitis. <i>PLoS ONE</i> , 2017, 12, e0187515. | 1.1 | 71 |
| 32 | The Orphan Nuclear Receptor ERR β 3 Regulates Hepatic CB1 Receptor-Mediated Fibroblast Growth Factor 21 Gene Expression. <i>PLoS ONE</i> , 2016, 11, e0159425. | 1.1 | 13 |
| 33 | Role of mitochondrial function in cell death and body metabolism. <i>Frontiers in Bioscience - Landmark</i> , 2016, 21, 1233-1244. | 3.0 | 21 |
| 34 | Mitochondria and the NLRP3 inflammasome: physiological and pathological relevance. <i>Archives of Pharmacal Research</i> , 2016, 39, 1503-1518. | 2.7 | 148 |
| 35 | CREBH-FGF21 axis improves hepatic steatosis by suppressing adipose tissue lipolysis. <i>Scientific Reports</i> , 2016, 6, 27938. | 1.6 | 51 |
| 36 | Secretagogin affects insulin secretion in pancreatic β 2-cells by regulating actin dynamics and focal adhesion. <i>Biochemical Journal</i> , 2016, 473, 1791-1803. | 1.7 | 53 |

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|----|---|-----|-----------|
| 37 | Autophagy induced by AXL receptor tyrosine kinase alleviates acute liver injury via inhibition of NLRP3 inflammasome activation in mice. <i>Autophagy</i> , 2016, 12, 2326-2343. | 4.3 | 100 |
| 38 | p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. <i>Nature Communications</i> , 2016, 7, 12030. | 5.8 | 253 |
| 39 | ED 05-2 INTERACTION OF GUT DYSBIOSIS AND INNATE IMMUNE DYSFUNCTION IN THE DEVELOPMENT OF METABOLIC SYNDROME. <i>Journal of Hypertension</i> , 2016, 34, e187. | 0.3 | 0 |
| 40 | Autophagy deficiency in myeloid cells increases susceptibility to obesity-induced diabetes and experimental colitis. <i>Autophagy</i> , 2016, 12, 1390-1403. | 4.3 | 65 |
| 41 | Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222. | 4.3 | 4,701 |
| 42 | Autophagy is a major regulator of beta cell insulin homeostasis. <i>Diabetologia</i> , 2016, 59, 1480-1491. | 2.9 | 117 |
| 43 | Extracellular Vesicles as Messengers Between Hepatocytes and Macrophages in Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2016, 150, 815-818. | 0.6 | 17 |
| 44 | Insulin-degrading enzyme secretion from astrocytes is mediated by an autophagy-based unconventional secretory pathway in Alzheimer disease. <i>Autophagy</i> , 2016, 12, 784-800. | 4.3 | 99 |
| 45 | Diagnostic accuracy of plasma free metanephrines in a seated position compared with 24-hour urinary metanephrines in the investigation of pheochromocytoma. <i>Endocrine Journal</i> , 2015, 62, 243-250. | 0.7 | 28 |
| 46 | Effect of mitochondrial stress on systemic metabolism. <i>Annals of the New York Academy of Sciences</i> , 2015, 1350, 61-65. | 1.8 | 25 |
| 47 | Gut Microbiota and Metabolic Disorders. <i>Diabetes and Metabolism Journal</i> , 2015, 39, 198. | 1.8 | 182 |
| 48 | The association between glycemic variability and diabetic cardiovascular autonomic neuropathy in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2015, 14, 70. | 2.7 | 86 |
| 49 | Mutations in DDX58, which Encodes RIG-I, Cause Atypical Singleton-Merten Syndrome. <i>American Journal of Human Genetics</i> , 2015, 96, 266-274. | 2.6 | 169 |
| 50 | Fibroblast growth factor 21 participates in adaptation to endoplasmic reticulum stress and attenuates obesity-induced hepatic metabolic stress. <i>Diabetologia</i> , 2015, 58, 809-818. | 2.9 | 93 |
| 51 | FGF21 as a mediator of adaptive responses to stress and metabolic benefits of anti-diabetic drugs. <i>Journal of Endocrinology</i> , 2015, 226, R1-R16. | 1.2 | 54 |
| 52 | New mechanisms of metformin action: Focusing on mitochondria and the gut. <i>Journal of Diabetes Investigation</i> , 2015, 6, 600-609. | 1.1 | 133 |
| 53 | Chronic HMGCR/HMG-CoA reductase inhibitor treatment contributes to dysglycemia by upregulating hepatic gluconeogenesis through autophagy induction. <i>Autophagy</i> , 2015, 11, 2089-2101. | 4.3 | 47 |
| 54 | Age-dependent gait abnormalities in mice lacking the <i>Rnf170</i> gene linked to human autosomal-dominant sensory ataxia. <i>Human Molecular Genetics</i> , 2015, 24, 7196-7206. | 1.4 | 11 |

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|----|--|-----|-----------|
| 55 | Role of Innate Immunity in the Pathogenesis of Type 1 and Type 2 Diabetes. <i>Journal of Korean Medical Science</i> , 2014, 29, 1038. | 1.1 | 21 |
| 56 | FGF21 as a Stress Hormone: The Roles of FGF21 in Stress Adaptation and the Treatment of Metabolic Diseases. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 245. | 1.8 | 110 |
| 57 | Amyloidogenic peptide oligomer accumulation in autophagy-deficient β^2 cells induces diabetes. <i>Journal of Clinical Investigation</i> , 2014, 124, 3311-3324. | 3.9 | 138 |
| 58 | Benefits of PEGylation in the early post-transplant period of intraportal islet transplantation as assessed by magnetic resonance imaging of labeled islets. <i>Islets</i> , 2014, 6, e27827. | 0.9 | 7 |
| 59 | Germline mutation of Glu70Lys is highly frequent in Korean patients with von Hippel-Lindau (VHL) disease. <i>Journal of Human Genetics</i> , 2014, 59, 488-493. | 1.1 | 13 |
| 60 | Hemoglobin A1c values are affected by hemoglobin level and gender in non-anemic Koreans. <i>Journal of Diabetes Investigation</i> , 2014, 5, 60-65. | 1.1 | 29 |
| 61 | Predictive factors of durability to sitagliptin: Slower reduction of glycosylated hemoglobin, older age and higher baseline glycosylated hemoglobin. <i>Journal of Diabetes Investigation</i> , 2014, 5, 51-59. | 1.1 | 7 |
| 62 | Role of islet β^2 cell autophagy in the pathogenesis of diabetes. <i>Trends in Endocrinology and Metabolism</i> , 2014, 25, 620-627. | 3.1 | 72 |
| 63 | The AMPK-PPARGC1A pathway is required for antimicrobial host defense through activation of autophagy. <i>Autophagy</i> , 2014, 10, 785-802. | 4.3 | 107 |
| 64 | Autophagy is a key player in cellular and body metabolism. <i>Nature Reviews Endocrinology</i> , 2014, 10, 322-337. | 4.3 | 658 |
| 65 | Clinical factors associated with absolute and relative measures of glycemic variability determined by continuous glucose monitoring: An analysis of 480 subjects. <i>Diabetes Research and Clinical Practice</i> , 2014, 104, 266-272. | 1.1 | 54 |
| 66 | Metformin enhances glucagon-like peptide 1 via cooperation between insulin and Wnt signaling. <i>Journal of Endocrinology</i> , 2014, 220, 117-128. | 1.2 | 52 |
| 67 | Systemic autophagy insufficiency compromises adaptation to metabolic stress and facilitates progression from obesity to diabetes. <i>Nature Communications</i> , 2014, 5, 4934. | 5.8 | 156 |
| 68 | An increase in the <i>Akkermansia</i> spp. population induced by metformin treatment improves glucose homeostasis in diet-induced obese mice. <i>Gut</i> , 2014, 63, 727-735. | 6.1 | 1,288 |
| 69 | Glucagon/insulin ratio in preoperative screening before pancreatic surgery: correlation with hemoglobin A1C in subjects with and without pancreatic cancer. <i>Endocrine</i> , 2014, 47, 493-499. | 1.1 | 7 |
| 70 | Proteasome Dysfunction Activates Autophagy and the Keap1-Nrf2 Pathway. <i>Journal of Biological Chemistry</i> , 2014, 289, 24944-24955. | 1.6 | 95 |
| 71 | Role of autophagy in the progression from obesity to diabetes and in the control of energy balance. <i>Archives of Pharmacal Research</i> , 2013, 36, 223-229. | 2.7 | 41 |
| 72 | Role of hypothalamic autophagy in the control of whole body energy balance. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2013, 14, 377-386. | 2.6 | 9 |

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|----|--|------|-----------|
| 73 | Metformin-induced inhibition of the mitochondrial respiratory chain increases FGF21 expression via ATF4 activation. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 76-81. | 1.0 | 97 |
| 74 | Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631. | 4.5 | 880 |
| 75 | Non-HDL-cholesterol/HDL-cholesterol is a better predictor of metabolic syndrome and insulin resistance than apolipoprotein B/apolipoprotein A1. <i>International Journal of Cardiology</i> , 2013, 168, 2678-2683. | 0.8 | 70 |
| 76 | PPAR- δ Activation Increases Insulin Secretion through the Up-regulation of the Free Fatty Acid Receptor GPR40 in Pancreatic β -Cells. <i>PLoS ONE</i> , 2013, 8, e50128. | 1.1 | 88 |
| 77 | Microarray analysis of isolated human islet transcriptome in type 2 diabetes and the role of the ubiquitin-proteasome system in pancreatic beta cell dysfunction. <i>Molecular and Cellular Endocrinology</i> , 2013, 367, 1-10. | 1.6 | 76 |
| 78 | Autophagy deficiency leads to protection from obesity and insulin resistance by inducing Fgf21 as a mitokine. <i>Nature Medicine</i> , 2013, 19, 83-92. | 15.2 | 661 |
| 79 | Activin A, exendin-4, and glucose stimulate differentiation of human pancreatic ductal cells. <i>Journal of Endocrinology</i> , 2013, 217, 241-252. | 1.2 | 26 |
| 80 | TLR3-Triggered Reactive Oxygen Species Contribute to Inflammatory Responses by Activating Signal Transducer and Activator of Transcription-1. <i>Journal of Immunology</i> , 2013, 190, 6368-6377. | 0.4 | 73 |
| 81 | Diabetes-Free Survival in Patients Who Underwent Islet Autotransplantation After 50% to 60% Distal Partial Pancreatectomy for Benign Pancreatic Tumors. <i>Transplantation</i> , 2013, 95, 1396-1403. | 0.5 | 28 |
| 82 | Role of Autophagy in the Control of Body Metabolism. <i>Endocrinology and Metabolism</i> , 2013, 28, 6. | 1.3 | 28 |
| 83 | Treatment of Autoimmune Diabetes by Inhibiting the Initial Event. <i>Immune Network</i> , 2013, 13, 194. | 1.6 | 6 |
| 84 | Acute Exercise Induces FGF21 Expression in Mice and in Healthy Humans. <i>PLoS ONE</i> , 2013, 8, e63517. | 1.1 | 207 |
| 85 | Association between Serum Albumin, Insulin Resistance, and Incident Diabetes in Nondiabetic Subjects. <i>Endocrinology and Metabolism</i> , 2013, 28, 26. | 1.3 | 38 |
| 86 | Immunotherapeutic Treatment of Autoimmune Diabetes. <i>Critical Reviews in Immunology</i> , 2013, 33, 245-281. | 1.0 | 3 |
| 87 | Role of Hypothalamic Proopiomelanocortin Neuron Autophagy in the Control of Appetite and Leptin Response. <i>Endocrinology</i> , 2012, 153, 1817-1826. | 1.4 | 95 |
| 88 | Role of autophagy in diabetes and endoplasmic reticulum stress of pancreatic β -cells. <i>Experimental and Molecular Medicine</i> , 2012, 44, 81. | 3.2 | 89 |
| 89 | Assessment of β -cell function in human patients. <i>Islets</i> , 2012, 4, 79-83. | 0.9 | 12 |
| 90 | Phosphodiesterase inhibitors control A172 human glioblastoma cell death through cAMP-mediated activation of protein kinase A and Epac1/Rap1 pathways. <i>Life Sciences</i> , 2012, 90, 373-380. | 2.0 | 39 |

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|-----|--|-----|-----------|
| 91 | A defect in cell death of macrophages is a conserved feature of nonobese diabetic mouse. <i>Biochemical and Biophysical Research Communications</i> , 2012, 421, 145-151. | 1.0 | 5 |
| 92 | Plasminogen activator inhibitor type 1 regulates microglial motility and phagocytic activity. <i>Journal of Neuroinflammation</i> , 2012, 9, 149. | 3.1 | 82 |
| 93 | Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544. | 4.3 | 3,122 |
| 94 | Apoptosis of Human Islet Cells by Cytokines. <i>Immune Network</i> , 2012, 12, 113. | 1.6 | 10 |
| 95 | A Case of Congenital Adrenal Hyperplasia Mimicking Cushing's Syndrome. <i>Journal of Korean Medical Science</i> , 2012, 27, 1439. | 1.1 | 1 |
| 96 | Education as Prescription for Patients with Type 2 Diabetes Mellitus: Compliance and Efficacy in Clinical Practice. <i>Diabetes and Metabolism Journal</i> , 2012, 36, 452. | 1.8 | 13 |
| 97 | Differentiation and Transplantation of Functional Pancreatic Beta Cells Generated from Induced Pluripotent Stem Cells Derived from a Type 1 Diabetes Mouse Model. <i>Stem Cells and Development</i> , 2012, 21, 2642-2655. | 1.1 | 81 |
| 98 | Macrophages from Nonobese Diabetic Mouse Have a Selective Defect in IFN- γ but Not IFN- λ Receptor Pathway. <i>Journal of Clinical Immunology</i> , 2012, 32, 753-761. | 2.0 | 11 |
| 99 | Regulation by lipocalin-2 of neuronal cell death, migration, and morphology. <i>Journal of Neuroscience Research</i> , 2012, 90, 540-550. | 1.3 | 73 |
| 100 | Regular Exercise Is Associated with a Reduction in the Risk of NAFLD and Decreased Liver Enzymes in Individuals with NAFLD Independent of Obesity in Korean Adults. <i>PLoS ONE</i> , 2012, 7, e46819. | 1.1 | 142 |
| 101 | Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. <i>Journal of Cell Biology</i> , 2011, 193, 275-284. | 2.3 | 520 |
| 102 | Modulation of Glial and Neuronal Migration by Lipocalin-2 in Zebrafish. <i>Immune Network</i> , 2011, 11, 342. | 1.6 | 17 |
| 103 | Role of Innate Immunity in Diabetes and Metabolism: Recent Progress in the Study of Inflammasomes. <i>Immune Network</i> , 2011, 11, 95. | 1.6 | 30 |
| 104 | Korean Type 2 Diabetes Patients have Multiple Adenomatous Polyps Compared to Non-diabetic Controls. <i>Journal of Korean Medical Science</i> , 2011, 26, 1196. | 1.1 | 16 |
| 105 | Improved Outcome of Islet Transplantation in Partially Pancreatectomized Diabetic Mice by Inhibition of Dipeptidyl Peptidase-4 With Sitagliptin. <i>Pancreas</i> , 2011, 40, 855-860. | 0.5 | 10 |
| 106 | Three-day continuous glucose monitoring for rapid assessment of hypoglycemic events and glycemic variability in type 1 diabetic patients. <i>Endocrine Journal</i> , 2011, 58, 535-541. | 0.7 | 12 |
| 107 | Comparative analysis of the role of small G proteins in cell migration and cell death: Cytoprotective and promigratory effects of RalA. <i>Experimental Cell Research</i> , 2011, 317, 2007-2018. | 1.2 | 14 |
| 108 | Role of TLR2 in the pathogenesis of autoimmune diabetes and its therapeutic implication. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 797-801. | 1.7 | 6 |

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|-----|--|-----|-----------|
| 109 | Lysophosphatidylcholine as an effector of fatty acid-induced insulin resistance. <i>Journal of Lipid Research</i> , 2011, 52, 1234-1246. | 2.0 | 110 |
| 110 | Inhibition of Autoimmune Diabetes by TLR2 Tolerance. <i>Journal of Immunology</i> , 2011, 187, 5211-5220. | 0.4 | 52 |
| 111 | Inhibition of NF- κ B prevents high glucose-induced proliferation and plasminogen activator inhibitor-1 expression in vascular smooth muscle cells. <i>Experimental and Molecular Medicine</i> , 2011, 43, 684. | 3.2 | 44 |
| 112 | NF- κ B Activation in Hypothalamic Pro-opiomelanocortin Neurons Is Essential in Illness- and Leptin-induced Anorexia. <i>Journal of Biological Chemistry</i> , 2010, 285, 9706-9715. | 1.6 | 78 |
| 113 | Role of JNK activation in pancreatic β -cell death by streptozotocin. <i>Molecular and Cellular Endocrinology</i> , 2010, 321, 131-137. | 1.6 | 24 |
| 114 | Role and mechanism of pancreatic β -cell death in diabetes: The emerging role of autophagy. <i>Journal of Diabetes Investigation</i> , 2010, 1, 232-238. | 1.1 | 8 |
| 115 | Recent progress in research on beta-cell apoptosis by cytokines. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 657. | 3.0 | 46 |
| 116 | Role of Autophagy in the Control of Cell Death and Inflammation. <i>Immune Network</i> , 2009, 9, 8. | 1.6 | 6 |
| 117 | Imatinib Mesylate Reduces Endoplasmic Reticulum Stress and Induces Remission of Diabetes in <i>db/db</i> Mice. <i>Diabetes</i> , 2009, 58, 329-336. | 0.3 | 106 |
| 118 | Search for Materials that Influence Human Medullary Thyroid Carcinoma Cell Proliferation. <i>Journal of Korean Endocrine Society</i> , 2009, 24, 93. | 0.1 | 1 |
| 119 | Medical Management of Hyperglycemia in Type 2 Diabetes: A Consensus Algorithm for the Initiation and Adjustment of Therapy. <i>Korean Clinical Diabetes</i> , 2009, 10, 1. | 0.1 | 0 |
| 120 | Type 1 Diabetes Mellitus. <i>Journal of the Korean Medical Association</i> , 2009, 52, 677. | 0.1 | 0 |
| 121 | Loss of Autophagy Diminishes Pancreatic β Cell Mass and Function with Resultant Hyperglycemia. <i>Cell Metabolism</i> , 2008, 8, 318-324. | 7.2 | 586 |
| 122 | Lysophosphatidylcholine as a death effector in the lipoapoptosis of hepatocytes. <i>Journal of Lipid Research</i> , 2008, 49, 84-97. | 2.0 | 215 |
| 123 | NF- κ B prevents beta cell death and autoimmune diabetes in NOD mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1913-1918. | 3.3 | 115 |
| 124 | Essential Role for Signal Transducer and Activator of Transcription-1 in Pancreatic β -Cell Death and Autoimmune Type 1 Diabetes of Nonobese Diabetic Mice. <i>Diabetes</i> , 2007, 56, 2561-2568. | 0.3 | 76 |
| 125 | Toll-like Receptor 2 Senses β -Cell Death and Contributes to the Initiation of Autoimmune Diabetes. <i>Immunity</i> , 2007, 27, 321-333. | 6.6 | 190 |
| 126 | Effects of Islet Transplantation on Endogenous β -cell Regeneration after Partial Pancreatectomy in Rodents. <i>The Journal of Korean Diabetes Association</i> , 2007, 31, 113. | 0.1 | 0 |

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|-----|---|-----|-----------|
| 127 | STAT1 as a key modulator of cell death. Cellular Signalling, 2007, 19, 454-465. | 1.7 | 223 |
| 128 | NF- κ B Pathway in Metabolic/endocrine Diseases. Journal of Korean Endocrine Society, 2006, 21, 352. | 0.1 | 5 |
| 129 | Sequential induction of heme oxygenase-1 and manganese superoxide dismutase protects cultured astrocytes against nitric oxide. Biochemical Pharmacology, 2005, 70, 590-597. | 2.0 | 19 |
| 130 | Caspase-Mediated p65 Cleavage Promotes TRAIL-Induced Apoptosis. Cancer Research, 2005, 65, 6111-6119. | 0.4 | 35 |
| 131 | Essential Role of STAT1 in Caspase-Independent Cell Death of Activated Macrophages through the p38 Mitogen-Activated Protein Kinase/STAT1/Reactive Oxygen Species Pathway. Molecular and Cellular Biology, 2005, 25, 6821-6833. | 1.1 | 71 |
| 132 | IFN- γ sensitizes MIN6N8 insulinoma cells to TNF- α -induced apoptosis by inhibiting NF- κ B-mediated XIAP upregulation. Biochemical and Biophysical Research Communications, 2005, 336, 847-853. | 1.0 | 20 |
| 133 | Role of Calcium in Pancreatic Islet Cell Death by IFN- γ /TNF- α . Journal of Immunology, 2004, 172, 7008-7014. | 0.4 | 80 |
| 134 | Resistance of Mitochondrial DNA-depleted Cells against Cell Death. Journal of Biological Chemistry, 2004, 279, 7512-7520. | 1.6 | 159 |
| 135 | Resistance of mitochondrial DNA-depleted cells against cell death: Potential relevance to aging. Geriatrics and Gerontology International, 2004, 4, S195-S197. | 0.7 | 0 |
| 136 | Resistance of β Cells against Apoptosis. Annals of the New York Academy of Sciences, 2004, 1011, 146-153. | 1.8 | 18 |
| 137 | Cellular aging of mitochondrial DNA-depleted cells. Biochemical and Biophysical Research Communications, 2004, 325, 1399-1405. | 1.0 | 33 |
| 138 | Death effectors of β -cell apoptosis in type 1 diabetes. Molecular Genetics and Metabolism, 2004, 83, 82-92. | 0.5 | 46 |
| 139 | Resistance of β Cells against Apoptosis. , 2004, 1011, 146-153. | | 8 |
| 140 | Platelet-activating Factor-mediated NF- κ B Dependency of a Late Anaphylactic Reaction. Journal of Experimental Medicine, 2003, 198, 145-151. | 4.2 | 45 |
| 141 | Role of Antiproliferative B Cell Translocation Gene-1 as an Apoptotic Sensitizer in Activation-Induced Cell Death of Brain Microglia. Journal of Immunology, 2003, 171, 5802-5811. | 0.4 | 71 |
| 142 | Nuclear Factor κ B Protects Pancreatic β -Cells From Tumor Necrosis Factor- α -Mediated Apoptosis. Diabetes, 2003, 52, 1169-1175. | 0.3 | 91 |
| 143 | Resistance of mitochondrial DNA-deficient cells to TRAIL: role of Bax in TRAIL-induced apoptosis. Oncogene, 2002, 21, 3139-3148. | 2.6 | 71 |
| 144 | Cytokine Synergism in Apoptosis: Its Role in Diabetes and Cancer. BMB Reports, 2002, 35, 54-60. | 1.1 | 6 |

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|-----|--|-----|-----------|
| 145 | IFN γ sensitizes ME-180 human cervical cancer cells to TNF α -induced apoptosis by inhibiting cytoprotective NF- κ B activation. FEBS Letters, 2001, 495, 66-70. | 1.3 | 42 |
| 146 | Induction of caspase-11 by inflammatory stimuli in rat astrocytes: lipopolysaccharide induction through p38 mitogen-activated protein kinase pathway. FEBS Letters, 2001, 507, 157-162. | 1.3 | 42 |
| 147 | Interferon γ (IFN γ) and Tumor Necrosis Factor α Synergism in ME-180 Cervical Cancer Cell Apoptosis and Necrosis. Journal of Biological Chemistry, 2001, 276, 13153-13159. | 1.6 | 133 |
| 148 | Dual Role of Inflammatory Stimuli in Activation-induced Cell Death of Mouse Microglial Cells. Journal of Biological Chemistry, 2001, 276, 32956-32965. | 1.6 | 99 |
| 149 | IFN- γ /TNF- α Synergism as the Final Effector in Autoimmune Diabetes: A Key Role for STAT1/IFN Regulatory Factor-1 Pathway in Pancreatic β Cell Death. Journal of Immunology, 2001, 166, 4481-4489. | 0.4 | 201 |
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