

Hee-Sook Jun

List of Publications by Year in descending order

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165
papers

7,000
citations

71102

41
h-index

69250

77
g-index

166
all docs

166
docs citations

166
times ranked

9832
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a 3D subcutaneous construct containing insulin-producing beta cells using bioprinting. <i>Bio-Design and Manufacturing</i> , 2022, 5, 265-276.	7.7	9
2	TGF- β 2 activates NLRP3 inflammasome by an autocrine production of TGF- β 2 in LX-2 human hepatic stellate cells. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1329-1338.	3.1	12
3	Inhibition of ChREBP ubiquitination via the ROS/Akt-dependent downregulation of Smurf2 contributes to lysophosphatidic acid-induced fibrosis in renal mesangial cells. <i>Journal of Biomedical Science</i> , 2022, 29, 31.	7.0	12
4	<i>Psoralea corylifolia</i> L. seed extract attenuates dexamethasone-induced muscle atrophy in mice by inhibition of oxidative stress and inflammation. <i>Journal of Ethnopharmacology</i> , 2022, 296, 115490.	4.1	13
5	<i>Allomyrina dichotoma</i> larva extract attenuates free fatty acid-induced lipotoxicity in pancreatic beta cells. <i>Nutrition Research and Practice</i> , 2021, 15, 294.	1.9	6
6	5-Bromoprotocatechualdehyde Combats against Palmitate Toxicity by Inhibiting Parkin Degradation and Reducing ROS-Induced Mitochondrial Damage in Pancreatic β -Cells. <i>Antioxidants</i> , 2021, 10, 264.	5.1	3
7	<i>Cudrania tricuspidata</i> Root Extract Prevents Methylglyoxal-Induced Inflammation and Oxidative Stress via Regulation of the PKC-NOX4 Pathway in Human Kidney Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	4.0	13
8	A Brief Review of the Mechanisms of β -Cell Dedifferentiation in Type 2 Diabetes. <i>Nutrients</i> , 2021, 13, 1593.	4.1	31
9	Synthesis and Anti-Diabetic Activity of Novel Biphenylsulfonamides as Glucagon Receptor Antagonists. <i>Chemical Biology and Drug Design</i> , 2021, 98, 733-750.	3.2	3
10	Effects of <i>Psoralea corylifolia</i> L. seed extract on AGEs-induced cell proliferation and fibrotic factor expression in mesangial cells. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1332.	1.8	5
11	Ethanol Extract of <i>Liriope platyphylla</i> Root Attenuates Non-Alcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice via Regulation of Lipogenesis and Lipid Uptake. <i>Nutrients</i> , 2021, 13, 3338.	4.1	10
12	Combination of PD98059 and TGF- β 1 Efficiently Differentiates Human Urine-Derived Stem Cells into Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10532.	4.1	2
13	Dulaglutide improves muscle function by attenuating inflammation through OPA-1-TLR-9 signaling in aged mice. <i>Aging</i> , 2021, 13, 21962-21974.	3.1	13
14	<i>Schisandrae chinensis</i> Fructus Extract Ameliorates Muscle Atrophy in Streptozotocin-Induced Diabetic Mice by Downregulation of the CREB-KLF15 and Autophagy-Lysosomal Pathways. <i>Cells</i> , 2021, 10, 2283.	4.1	12
15	Lysophosphatidic Acid Mediates Imiquimod-Induced Psoriasis-like Symptoms by Promoting Keratinocyte Proliferation through LPAR1/ROCK2/PI3K/AKT Signaling Pathway. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10777.	4.1	15
16	Diol-ginsenosides from Korean Red Ginseng delay the development of type 1 diabetes in diabetes-prone biobreeding rats. <i>Journal of Ginseng Research</i> , 2020, 44, 619-626.	5.7	7
17	A potential therapeutic combination for treatment of COVID-19: Synergistic effect of DPP4 and RAAS suppression. <i>Medical Hypotheses</i> , 2020, 144, 110186.	1.5	4
18	Comparison of the Effects of Liraglutide on Islet Graft Survival Between Local and Systemic Delivery. <i>Cell Transplantation</i> , 2020, 29, 096368972097124.	2.5	3

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19	Polygonum multiflorum Thunb. Extract Stimulates Melanogenesis by Induction of COX2 Expression through the Activation of p38 MAPK in B16F10 Mouse Melanoma Cells. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-10.	1.2	5
20	Glucosamine potentiates the differentiation of adipose-derived stem cells into glucose-responsive insulin-producing cells. Annals of Translational Medicine, 2020, 8, 561-561.	1.7	4
21	Diphlorethohydroxycarmalol Attenuates Palmitate-Induced Hepatic Lipogenesis and Inflammation. Marine Drugs, 2020, 18, 475.	4.6	9
22	Reduction of Secreted Frizzled-Related Protein 5 Drives Vascular Calcification through Wnt3a-Mediated Rho/ROCK/JNK Signaling in Chronic Kidney Disease. International Journal of Molecular Sciences, 2020, 21, 3539.	4.1	14
23	Prevention of Oxidative Stress-Induced Pancreatic Beta Cell Damage by Broussonetia kazinoki Siebold Fruit Extract via the ERK-Nox4 Pathway. Antioxidants, 2020, 9, 406.	5.1	13
24	Preventive Effects of Dulaglutide on Disuse Muscle Atrophy Through Inhibition of Inflammation and Apoptosis by Induction of Hsp72 Expression. Frontiers in Pharmacology, 2020, 11, 90.	3.5	16
25	Preventive Effects of Schisandrin A, A Bioactive Component of Schisandra chinensis, on Dexamethasone-Induced Muscle Atrophy. Nutrients, 2020, 12, 1255.	4.1	18
26	Betacellulin-Induced β -Cell Proliferation Is Mediated by ErbB3 and ErbB4, and May Contribute to β -Cell Regeneration. Frontiers in Cell and Developmental Biology, 2020, 8, 605110.	3.7	5
27	Attenuation of diabetic kidney injury in DPP4-deficient rats; role of GLP-1 on the suppression of AGE formation by inducing glyoxalase 1. Aging, 2020, 12, 593-610.	3.1	11
28	Allomyrina dichotoma Larva Extract Ameliorates the Hepatic Insulin Resistance of High-Fat Diet-Induced Diabetic Mice. Nutrients, 2019, 11, 1522.	4.1	17
29	Anti-Aging Effects of Schisandrae chinensis Fructus Extract: Improvement of Insulin Sensitivity and Muscle Function in Aged Mice. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-11.	1.2	11
30	Indole-4-carboxaldehyde Isolated from Seaweed, Sargassum thunbergii, Attenuates Methylglyoxal-Induced Hepatic Inflammation. Marine Drugs, 2019, 17, 486.	4.6	12
31	Lysophosphatidic Acid Signaling in Diabetic Nephropathy. International Journal of Molecular Sciences, 2019, 20, 2850.	4.1	41
32	Amelioration of muscle wasting by glucagon-like peptide-1 receptor agonist in muscle atrophy. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 903-918.	7.3	77
33	Administration of Tonsil-Derived Mesenchymal Stem Cells Improves Glucose Tolerance in High Fat Diet-Induced Diabetic Mice via Insulin-Like Growth Factor-Binding Protein 5-Mediated Endoplasmic Reticulum Stress Modulation. Cells, 2019, 8, 368.	4.1	11
34	KD025 (SLx-2119) suppresses adipogenesis at intermediate stage in human adipose-derived stem cells. Adipocyte, 2019, 8, 114-124.	2.8	15
35	MicroRNA-181c Inhibits Interleukin-6-mediated Beta Cell Apoptosis by Targeting TNF- α Expression. Molecules, 2019, 24, 1410.	3.8	13
36	Protective Effects of Broussonetia kazinoki Siebold Fruit Extract against Palmitate-Induced Lipotoxicity in Mesangial Cells. Evidence-based Complementary and Alternative Medicine, 2019, 2019, 1-12.	1.2	8

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37	Lysophosphatidic acid increases mesangial cell proliferation in models of diabetic nephropathy via Rac1/MAPK/KLF5 signaling. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	33
38	Lysophosphatidic acid receptor 1 inhibitor, AM095, attenuates diabetic nephropathy in mice by downregulation of TLR4/NF- κ B signaling and NADPH oxidase. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 1332-1340.	3.8	39
39	Upregulation of caveolin-1 and its colocalization with cytokine receptors contributes to beta cell apoptosis. <i>Scientific Reports</i> , 2019, 9, 16785.	3.3	30
40	Direct differentiation of insulin-producing cells from human urine-derived stem cells. <i>International Journal of Medical Sciences</i> , 2019, 16, 1668-1676.	2.5	18
41	Role of Myokines in Regulating Skeletal Muscle Mass and Function. <i>Frontiers in Physiology</i> , 2019, 10, 42.	2.8	239
42	Reactive oxygen species-induced changes in glucose and lipid metabolism contribute to the accumulation of cholesterol in the liver during aging. <i>Aging Cell</i> , 2019, 18, e12895.	6.7	86
43	Taurine-Containing Hot Water Extract of Octopus Ocellatus Meat Prevents Methylglyoxal-Induced Vascular Damage. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 471-482.	1.6	3
44	Taurine-Rich-Containing Hot Water Extract of Loliolus Beka Gray Meat Scavenges Palmitate-Induced Free Radicals and Protects Against DNA Damage in Insulin Secreting β ² -Cells. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1155, 483-495.	1.6	4
45	<i>Psoralea corylifolia</i> L. Seed Extract Attenuates Methylglyoxal-Induced Insulin Resistance by Inhibition of Advanced Glycation End Product Formation. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-14.	4.0	19
46	Anti-adipogenic effects of KD025 (SLx-2119), a ROCK2-specific inhibitor, in 3T3-L1 cells. <i>Scientific Reports</i> , 2018, 8, 2477.	3.3	36
47	DAQ based Impedance Measurement System for Low Cost and Portable Electrical Cell-Substrate Impedance Sensing. <i>Biochip Journal</i> , 2018, 12, 18-24.	4.9	10
48	Liquiritigenin prevents palmitate-induced beta-cell apoptosis via estrogen receptor-mediated AKT activation. <i>Biomedicine and Pharmacotherapy</i> , 2018, 101, 348-354.	5.6	20
49	Stem Cell Secretome and Its Effect on Cellular Mechanisms Relevant to Wound Healing. <i>Molecular Therapy</i> , 2018, 26, 606-617.	8.2	142
50	Short Synthesis of the Antidiabetic Octaketide Ethyl 2-(2,3,4-Trimethoxy-6-octanoylphenyl)acetate. <i>Synlett</i> , 2018, 29, 326-329.	1.8	1
51	Protective effect of lycopene against cytokine-induced β ² -cell apoptosis in INS-1 cells. <i>Journal of Nutrition and Health</i> , 2018, 51, 498.	0.8	0
52	<i>Polysiphonia japonica</i> Extract Attenuates Palmitate-Induced Toxicity and Enhances Insulin Secretion in Pancreatic Beta-Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-8.	4.0	9
53	Glucagon-Like Peptide-1 Receptor Agonist and Glucagon Increase Glucose-Stimulated Insulin Secretion in Beta Cells via Distinct Adenylyl Cyclases. <i>International Journal of Medical Sciences</i> , 2018, 15, 603-609.	2.5	13
54	Glucagon-Like Peptide 1 Increases β ² -Cell Regeneration by Promoting β ¹ - to β ² -Cell Transdifferentiation. <i>Diabetes</i> , 2018, 67, 2601-2614.	0.6	75

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55	Synthesis of Novel FTY720 Analogs with Anticancer Activity through PP2A Activation. <i>Molecules</i> , 2018, 23, 2750.	3.8	12
56	Design, synthesis, and effects of novel phenylpyrimidines as glucagon receptor antagonists. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5701-5710.	3.0	2
57	Palmitate induces nitric oxide production and inflammatory cytokine expression in zebrafish. <i>Fish and Shellfish Immunology</i> , 2018, 79, 163-167.	3.6	23
58	Diphloretohydroxycarmalol Attenuates Methylglyoxal-Induced Oxidative Stress and Advanced Glycation End Product Formation in Human Kidney Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-14.	4.0	28
59	Fatty Acid-Induced Lipotoxicity in Pancreatic Beta-Cells During Development of Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2018, 9, 384.	3.5	203
60	Supplementation with IL-6 and Muscle Cell Culture Conditioned Media Enhances Myogenic Differentiation of Adipose Tissue-Derived Stem Cells through STAT3 Activation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1557.	4.1	12
61	Effects of Glucagon-Like Peptide-1 on Oxidative Stress and Nrf2 Signaling. <i>International Journal of Molecular Sciences</i> , 2018, 19, 26.	4.1	96
62	Effects of FGF21-secreting adipose-derived stem cells in thioacetamide-induced hepatic fibrosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5165-5169.	3.6	19
63	Blocking lysophosphatidic acid receptor 1 signaling inhibits diabetic nephropathy in db/db mice. <i>Kidney International</i> , 2017, 91, 1362-1373.	5.2	46
64	Exendin-4 in combination with adipose-derived stem cells promotes angiogenesis and improves diabetic wound healing. <i>Journal of Translational Medicine</i> , 2017, 15, 35.	4.4	61
65	EX4 stabilizes and activates Nrf2 via PKC ζ , contributing to the prevention of oxidative stress-induced pancreatic beta cell damage. <i>Toxicology and Applied Pharmacology</i> , 2017, 315, 60-69.	2.8	47
66	Phloroglucinol accelerates the regeneration of liver damaged by H ₂ O ₂ or MNZ treatment in zebrafish. <i>RSC Advances</i> , 2017, 7, 46164-46170.	3.6	11
67	Attenuation of carotid neointimal formation after direct delivery of a recombinant adenovirus expressing glucagon-like peptide-1 in diabetic rats. <i>Cardiovascular Research</i> , 2017, 113, 183-194.	3.8	39
68	Impact of cell-specific Smad4 deficiency on the development of autoimmune diabetes in NOD mice. <i>Immunology and Cell Biology</i> , 2017, 95, 287-296.	2.3	8
69	Exendin-4 increases oxygen consumption and thermogenic gene expression in muscle cells. <i>Journal of Molecular Endocrinology</i> , 2017, 58, 79-90.	2.5	21
70	Compound 19e, a Novel Glucokinase Activator, Protects against Cytokine-Induced Beta-Cell Apoptosis in INS-1 Cells. <i>Frontiers in Pharmacology</i> , 2017, 08, 169.	3.5	6
71	Inhibition of lysophosphatidic acid receptor ameliorates Sjögren's syndrome in NOD mice. <i>Oncotarget</i> , 2017, 8, 27240-27251.	1.8	9
72	The Effect of Phloroglucinol, A Component of <i>Ecklonia cava</i> Extract, on Hepatic Glucose Production. <i>Marine Drugs</i> , 2017, 15, 106.	4.6	33

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73	Psoralea corylifolia L. Seed Extract Attenuates Diabetic Nephropathy by Inhibiting Renal Fibrosis and Apoptosis in Streptozotocin-Induced Diabetic Mice. <i>Nutrients</i> , 2017, 9, 828.	4.1	28
74	In Vivo Imaging of Transplanted Pancreatic Islets. <i>Frontiers in Endocrinology</i> , 2017, 8, 382.	3.5	10
75	Baicalein protects rat insulinoma INS-1 cells from palmitate-induced lipotoxicity by inducing HO-1. <i>PLoS ONE</i> , 2017, 12, e0176432.	2.5	21
76	Electrical Impedance Monitoring of C2C12 Myoblast Differentiation on an Indium Tin Oxide Electrode. <i>Sensors</i> , 2016, 16, 2068.	3.8	13
77	Protective Effect of Psoralea corylifolia L. Seed Extract against Palmitate-Induced Neuronal Apoptosis in PC12 Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-11.	1.2	8
78	Anti-Inflammatory Effects of GLP-1-Based Therapies beyond Glucose Control. <i>Mediators of Inflammation</i> , 2016, 2016, 1-11.	3.0	286
79	Increase of Calcium Sensing Receptor Expression Is Related to Compensatory Insulin Secretion during Aging in Mice. <i>PLoS ONE</i> , 2016, 11, e0159689.	2.5	30
80	Psoralea corylifolia L. Seed Extract Attenuates Nonalcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice. <i>Nutrients</i> , 2016, 8, 83.	4.1	22
81	Silver nanoflower-reduced graphene oxide composite based micro-disk electrode for insulin detection in serum. <i>Biosensors and Bioelectronics</i> , 2016, 80, 307-314.	10.1	76
82	Angelica dahurica Extracts Improve Glucose Tolerance through the Activation of GPR119. <i>PLoS ONE</i> , 2016, 11, e0158796.	2.5	23
83	Smad4 in T cells plays a protective role in the development of autoimmune Sjögren's syndrome in the nonobese diabetic mouse. <i>Oncotarget</i> , 2016, 7, 80298-80312.	1.8	4
84	Polyphenol-Rich Fraction of Ecklonia cava Improves Nonalcoholic Fatty Liver Disease in High Fat Diet-Fed Mice. <i>Marine Drugs</i> , 2015, 13, 6866-6883.	4.6	33
85	Ginseng Berry Extract Supplementation Improves Age-Related Decline of Insulin Signaling in Mice. <i>Nutrients</i> , 2015, 7, 3038-3053.	4.1	24
86	Cytotoxicity and Biological Efficacy of Exendin-4-Encapsulated Solid Lipid Nanoparticles in INS-1 Cells. <i>Journal of Nanomaterials</i> , 2015, 2015, 1-6.	2.7	4
87	Betacellulin ameliorates hyperglycemia in obese diabetic db/db mice. <i>Journal of Molecular Medicine</i> , 2015, 93, 1235-1245.	3.9	5
88	A potent and selective 11 β -hydroxysteroid dehydrogenase type 1 inhibitor, SKI2852, ameliorates metabolic syndrome in diabetic mice models. <i>European Journal of Pharmacology</i> , 2015, 768, 139-148.	3.5	14
89	Psoralea corylifolia L. Seed Extract Ameliorates Streptozotocin-Induced Diabetes in Mice by Inhibition of Oxidative Stress. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-9.	4.0	43
90	Transplantation of Insulin-Producing Cells Differentiated from Human Periosteum-Derived Progenitor Cells Ameliorate Hyperglycemia in Diabetic Mice. <i>Transplantation</i> , 2014, 98, 1040-1047.	1.0	6

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91	Sodium Meta-Arsenite Ameliorates Hyperglycemia in Obese Diabetic <i>db/db</i> Mice by Inhibition of Hepatic Gluconeogenesis. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-11.	2.3	9
92	Differentiation Potential and Profile of Nuclear Receptor Expression During Expanded Culture of Human Adipose Tissue-Derived Stem Cells Reveals PPAR γ as an Important Regulator of Oct4 Expression. <i>Stem Cells and Development</i> , 2014, 23, 24-33.	2.1	12
93	Anti-diabetic actions of glucagon-like peptide-1 on pancreatic beta-cells. <i>Metabolism: Clinical and Experimental</i> , 2014, 63, 9-19.	3.4	223
94	Treatment with glucokinase activator, YH-GKA, increases cell proliferation and decreases glucotoxic apoptosis in INS-1 cells. <i>European Journal of Pharmaceutical Sciences</i> , 2014, 51, 137-145.	4.0	19
95	Efficacy Comparison of Korean Ginseng and American Ginseng on Body Temperature and Metabolic Parameters. <i>The American Journal of Chinese Medicine</i> , 2014, 42, 173-187.	3.8	28
96	Role of Bioactive Food Components in Diabetes Prevention: Effects on Beta-Cell Function and Preservation. <i>Nutrition and Metabolic Insights</i> , 2014, 7, NMI.S13589.	1.9	49
97	Pancreatic islet-like clusters from periosteum-derived progenitor cells. <i>Biotechnology and Bioengineering</i> , 2013, 18, 1116-1121.	2.6	1
98	Effect of cell senescence on the impedance measurement of adipose tissue-derived stem cells. <i>Enzyme and Microbial Technology</i> , 2013, 53, 302-306.	3.2	16
99	Protective Role of <i>Psoralea corylifolia</i> L. Seed Extract against Hepatic Mitochondrial Dysfunction Induced by Oxidative Stress or Aging. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-9.	1.2	31
100	Exendin-4 inhibits glucolipotoxic ER stress in pancreatic β cells via regulation of SREBP1c and C/EBP β transcription factors. <i>Journal of Endocrinology</i> , 2013, 216, 343-352.	2.6	34
101	Electrical Impedance Characterization of Adipose Tissue-Derived Stem Cells Cultured on Indium Tin Oxide Electrodes. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 699-702.	1.1	7
102	Glucose-responsive artificial promoter-mediated insulin gene transfer improves glucose control in diabetic mice. <i>World Journal of Gastroenterology</i> , 2012, 18, 6420.	3.3	3
103	Electrical Impedance Detection of Senescence in Adipose Tissue-derived Stem Cells. <i>Procedia Engineering</i> , 2012, 47, 1025-1028.	1.2	5
104	Comprehensive Phosphoproteome Analysis of INS-1 Pancreatic Beta-Cells using Various Digestion Strategies Coupled with Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 2206-2223.	3.7	22
105	Effect of glucagon-like peptide-1 gene expression on graft function in mouse islet transplantation. <i>Transplant International</i> , 2012, 25, 242-249.	1.6	8
106	Increase in Insulin Secretion Induced by Panax ginseng Berry Extracts Contributes to the Amelioration of Hyperglycemia in Streptozotocin-induced Diabetic Mice. <i>Journal of Ginseng Research</i> , 2012, 36, 153-160.	5.7	49
107	Detection of Differential Proteomes Associated with the Development of Type 2 Diabetes in the Zucker Rat Model Using the iTRAQ Technique. <i>Journal of Proteome Research</i> , 2011, 10, 564-577.	3.7	36
108	Supplement of TCA cycle intermediates protects against high glucose/palmitate-induced INS-1 beta cell death. <i>Archives of Biochemistry and Biophysics</i> , 2011, 505, 231-241.	3.0	20

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109	Modulation of Insulin Sensitivity and Caveolin-1 Expression by Orchidectomy in a Nonobese Type 2 Diabetes Animal Model. <i>Molecular Medicine</i> , 2011, 17, 4-11.	4.4	18
110	Interleukin-6 treatment induces beta-cell apoptosis via STAT3-mediated nitric oxide production. <i>Diabetes/Metabolism Research and Reviews</i> , 2011, 27, 813-819.	4.0	51
111	Remission of Diabetes by Insulin Gene Therapy Using a Hepatocyte-specific and Glucose-responsive Synthetic Promoter. <i>Molecular Therapy</i> , 2011, 19, 470-478.	8.2	39
112	Stimulation of Lipogenesis as Well as Fatty Acid Oxidation Protects against Palmitate-Induced INS-1 β -Cell Death. <i>Endocrinology</i> , 2011, 152, 816-827.	2.8	51
113	Integrated Expression Profiling and Genome-Wide Analysis of ChREBP Targets Reveals the Dual Role for ChREBP in Glucose-Regulated Gene Expression. <i>PLoS ONE</i> , 2011, 6, e22544.	2.5	130
114	Betacellulin-Induced Beta Cell Proliferation and Regeneration Is Mediated by Activation of ErbB-1 and ErbB-2 Receptors. <i>PLoS ONE</i> , 2011, 6, e23894.	2.5	44
115	In Vivo Regeneration of Insulin-Producing β -Cells. <i>Advances in Experimental Medicine and Biology</i> , 2010, 654, 627-640.	1.6	12
116	Amelioration of hyperglycemia by intestinal overexpression of glucagon-like peptide-1 in mice. <i>Journal of Molecular Medicine</i> , 2010, 88, 351-358.	3.9	12
117	Cell Replacement and Regeneration Therapy for Diabetes. <i>Korean Diabetes Journal</i> , 2010, 34, 77.	0.8	8
118	Effect of White, Taeggeuk, and Red Ginseng Root Extracts on Insulin-Stimulated Glucose Uptake in Muscle Cells and Proliferation of β -cells. <i>Journal of Ginseng Research</i> , 2010, 34, 192-197.	5.7	12
119	Role of Nitric Oxide in the Pathogenesis of Encephalomyocarditis Virus-Induced Diabetes in Mice. <i>Journal of Virology</i> , 2009, 83, 8004-8011.	3.4	7
120	Protective Role of Autophagy in Palmitate-Induced INS-1 β -Cell Death. <i>Endocrinology</i> , 2009, 150, 126-134.	2.8	170
121	Detection of Differential Proteomes of Human β -Cells During Islet-Like Differentiation Using iTRAQ Labeling. <i>Journal of Proteome Research</i> , 2009, 8, 1393-1403.	3.7	27
122	Adult Stem Cells as a Renewable Source of Insulin-Producing Cells. <i>International Journal of Stem Cells</i> , 2009, 2, 115-121.	1.8	5
123	A chemical chaperone 4-PBA ameliorates palmitate-induced inhibition of glucose-stimulated insulin secretion (GSIS). <i>Archives of Biochemistry and Biophysics</i> , 2008, 475, 109-114.	3.0	71
124	Remission of Diabetes by β -Cell Regeneration in Diabetic Mice Treated With a Recombinant Adenovirus Expressing Betacellulin. <i>Molecular Therapy</i> , 2008, 16, 854-861.	8.2	20
125	Regeneration of pancreatic beta cells. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6170.	3.0	15
126	Glucagon-Like Peptide-1 Gene Therapy in Obese Diabetic Mice Results in Long-Term Cure of Diabetes by Improving Insulin Sensitivity and Reducing Hepatic Gluconeogenesis. <i>Diabetes</i> , 2007, 56, 1671-1679.	0.6	138

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127	Prolonged Remission of Diabetes by Regeneration of β Cells in Diabetic Mice Treated with Recombinant Adenoviral Vector Expressing Glucagon-like Peptide-1. <i>Molecular Therapy</i> , 2007, 15, 86-93.	8.2	42
128	Engineered Enteroendocrine Cells Secrete Insulin in Response to Glucose and Reverse Hyperglycemia in Diabetic Mice. <i>Molecular Therapy</i> , 2007, 15, 1195-1202.	8.2	27
129	Cell-Permeable Pentapeptide V5 Inhibits Apoptosis and Enhances Insulin Secretion, Allowing Experimental Single-Donor Islet Transplantation in Mice. <i>Diabetes</i> , 2007, 56, 1259-1267.	0.6	31
130	Human chorionic gonadotropin prevents Sjögren's syndrome-like exocrinopathy in mice. <i>Arthritis and Rheumatism</i> , 2007, 56, 2211-2215.	6.7	15
131	Engineering Pancreatic Beta-Cells. , 2007, , 635-645.		0
132	Functional Hepatocyte Culture and its Application to Cell Therapies. <i>Cell Transplantation</i> , 2006, 15, 855-864.	2.5	31
133	Reversal of mouse hepatic failure using an implanted liver-assist device containing ES cell-derived hepatocytes. <i>Nature Biotechnology</i> , 2006, 24, 1412-1419.	17.5	209
134	Viruses Cause Type 1 Diabetes in Animals. <i>Annals of the New York Academy of Sciences</i> , 2006, 1079, 138-146.	3.8	46
135	Regulation of insulin response in skeletal muscle cell by caveolin status. <i>Journal of Cellular Biochemistry</i> , 2006, 99, 747-758.	2.6	29
136	A Newly Developed Bioartificial Pancreas Successfully Controls Blood Glucose in Totally Pancreatectomized Diabetic Pigs. <i>Tissue Engineering</i> , 2006, 12, 1799-1809.	4.6	32
137	A Newly Developed Bioartificial Pancreas Successfully Controls Blood Glucose in Totally Pancreatectomized Diabetic Pigs. <i>Tissue Engineering</i> , 2006, .	4.6	0
138	A Newly Developed Bioartificial Pancreas Successfully Controls Blood Glucose in Totally Pancreatectomized Diabetic Pigs. <i>Tissue Engineering</i> , 2006, .	4.6	0
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