Yoon-Sin Oh

List of Publications by Year
in descending order

57 papers	1,559 citations	304368 22 h-index	315357 38 g-index
58 all docs	58 docs citations	58 times ranked	2890 citing authors

#	Article	IF	Citations
1	SK1 Inhibitor RB005 Induces Apoptosis in Colorectal Cancer Cells through SK1 Inhibition Dependent and Independent Pathway. Current Molecular Pharmacology, 2022, 15, 570-581.	0.7	5
2	Determining the Anticancer Activity of Sphingosine Kinase Inhibitors Containing Heteroatoms in Their Tail Structure. Pharmaceutics, 2022, 14, 157.	2.0	1
3	TGF-Î² activates NLRP3 inflammasome by an autocrine production of TGF-Î² in LX-2 human hepatic stellate cells. Molecular and Cellular Biochemistry, 2022, 477, 1329-1338.	1.4	12
4	Synthesis of PP2A-Activating PF-543 Derivatives and Investigation of Their Inhibitory Effects on Pancreatic Cancer Cells. Molecules, 2022, 27, 3346.	1.7	5
5	Allomyrina dichotoma larva extract attenuates free fatty acid-induced lipotoxicity in pancreatic beta cells. Nutrition Research and Practice, 2021, 15, 294.	0.7	6
6	Protective Effect of Cudrania tricuspidata Extract against High-Fat Diet Induced Nonalcoholic Fatty Liver Disease through Nrf-2/HO-1 Pathway. Molecules, 2021, 26, 2434.	1.7	5
7	Anti-Inflammatory Activity of AF-13, an Antioxidant Compound Isolated from the Polar Fraction of Allomyrina dichotoma Larva, in Palmitate-Induced INS-1 Cells. Life, 2021, 11, 470.	1.1	0
8	Gryllus bimaculatus Extract Protects against Lipopolysaccharide-Derived Inflammatory Response in Human Colon Epithelial Caco-2 Cells. Insects, 2021, 12, 873.	1.0	6
9	Biophysical characterization of antibacterial compounds derived from pathogenic fungi Ganoderma boninense. Journal of Microbiology, 2021, 59, 164-174.	1.3	7
10	Allomyrina dichotoma larval extract attenuates intestinal barrier disruption by altering inflammatory response and tight junction proteins in lipopolysaccharide-induced Caco-2Âcells. Biochemical and Biophysical Research Communications, 2020, 532, 145-150.	1.0	14
11	Prevention of Oxidative Stress-Induced Pancreatic Beta Cell Damage by Broussonetia kazinoki Siebold Fruit Extract via the ERK-Nox4 Pathway. Antioxidants, 2020, 9, 406.	2.2	13
12	Verification of the Necessity of the Tolyl Group of PF-543 for Sphingosine Kinase 1 Inhibitory Activity. Molecules, 2020, 25, 2484.	1.7	4
13	Development and application of an antibody that binds to interleukin-1Î² of various mammalian species for the treatment of inflammatory diseases. Biochemical and Biophysical Research Communications, 2020, 527, 751-756.	1.0	4
14	The effects of body mass index and body shape perceptions of South Korean adults on weight control behaviors; Correlation with quality of sleep and residence of place. Nutrition Research and Practice, 2020, 14, 160.	0.7	6
15	Allomyrina dichotoma Larva Extract Ameliorates the Hepatic Insulin Resistance of High-Fat Diet-Induced Diabetic Mice. Nutrients, 2019, 11, 1522.	1.7	17
16	Lysophosphatidic Acid Signaling in Diabetic Nephropathy. International Journal of Molecular Sciences, 2019, 20, 2850.	1.8	41
17	Synthesis and Biological Evaluation of PF-543 Derivative Containing Aliphatic Side Chain. Chemical and Pharmaceutical Bulletin, 2019, 67, 599-603.	0.6	6
18	MicroRNA-181c Inhibits Interleukin-6-mediated Beta Cell Apoptosis by Targeting TNF-Î± Expression. Molecules, 2019, 24, 1410.	1.7	13

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19	Lysophosphatidic acid increases mesangial cell proliferation in models of diabetic nephropathy via Rac1/MAPK/KLF5 signaling. Experimental and Molecular Medicine, 2019, 51, 1-10.	3.2	33
20	Upregulation of caveolin-1 and its colocalization with cytokine receptors contributes to beta cell apoptosis. Scientific Reports, 2019, 9, 16785.	1.6	30
21	Synthesis and Biological Evaluation of BODIPY-PF-543. Molecules, 2019, 24, 4408.	1.7	7
22	Synthesis of FTY720 (Fingolimod) Derivatives Containing Serine Structure. Bulletin of the Korean Chemical Society, 2018, 39, 261-264.	1.0	2
23	Liquiritigenin prevents palmitate-induced beta-cell apoptosis via estrogen receptor-mediated AKT activation. Biomedicine and Pharmacotherapy, 2018, 101, 348-354.	2.5	20
24	Protective effect of lycopene against cytokine-induced Î²-cell apoptosis in INS-1 cells. Journal of Nutrition and Health, 2018, 51, 498.	0.2	0
25	Synthesis of dansyl labeled sphingosine kinase 1 inhibitor. Chemistry and Physics of Lipids, 2018, 215, 29-33.	1.5	4
26	Fatty Acid-Induced Lipotoxicity in Pancreatic Beta-Cells During Development of Type 2 Diabetes. Frontiers in Endocrinology, 2018, 9, 384.	1.5	203
27	Effects of Glucagon-Like Peptide-1 on Oxidative Stress and Nrf2 Signaling. International Journal of Molecular Sciences, 2018, 19, 26.	1.8	96
28	Blocking lysophosphatidic acid receptor 1 signaling inhibits diabetic nephropathy in db/db mice. Kidney International, 2017, 91, 1362-1373.	2.6	46
29	Compound 19e, a Novel Glucokinase Activator, Protects against Cytokine-Induced Beta-Cell Apoptosis in INS-1 Cells. Frontiers in Pharmacology, 2017, 08, 169.	1.6	6
30	Psoralea corylifolia L. Seed Extract Attenuates Diabetic Nephropathy by Inhibiting Renal Fibrosis and Apoptosis in Streptozotocin-Induced Diabetic Mice. Nutrients, 2017, 9, 828.	1.7	28
31	Protective Effect of Psoralea corylifolia L. Seed Extract against Palmitate-Induced Neuronal Apoptosis in PC12 Cells. Evidence-based Complementary and Alternative Medicine, 2016, 2016, 1-11.	0.5	8
32	Benzyl Isothiocyanate Inhibits Prostate Cancer Development in the Transgenic Adenocarcinoma Mouse Prostate (TRAMP) Model, Which Is Associated with the Induction of Cell Cycle G1 Arrest. International Journal of Molecular Sciences, 2016, 17, 264.	1.8	21
33	Bioactive Compounds and Their Neuroprotective Effects in Diabetic Complications. Nutrients, 2016, 8, 472.	1.7	39
34	Increase of Calcium Sensing Receptor Expression Is Related to Compensatory Insulin Secretion during Aging in Mice. PLoS ONE, 2016, 11, e0159689.	1.1	30
35	Psoralea corylifolia L. Seed Extract Attenuates Nonalcoholic Fatty Liver Disease in High-Fat Diet-Induced Obese Mice. Nutrients, 2016, 8, 83.	1.7	22
36	Angelica dahurica Extracts Improve Glucose Tolerance through the Activation of GPR119. PLoS ONE, 2016, 11, e0158796.	1.1	23

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37	Mechanistic insights into pancreatic beta-cell mass regulation by glucose and free fatty acids. Anatomy and Cell Biology, 2015, 48, 16.	0.5	33
38	Plant-Derived Compounds Targeting Pancreatic Beta Cells for the Treatment of Diabetes. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-12.	0.5	68
39	Cytotoxicity and Biological Efficacy of Exendin-4-Encapsulated Solid Lipid Nanoparticles in INS-1 Cells. Journal of Nanomaterials, 2015, 2015, 1-6.	1.5	4
40	Amelioration of High Fat Diet-induced Glucose Intolerance by Blockade of Smad4 in Pancreatic Beta-Cells. Experimental and Clinical Endocrinology and Diabetes, 2015, 123, 221-226.	0.6	5
41	Betacellulin ameliorates hyperglycemia in obese diabetic db/db mice. Journal of Molecular Medicine, 2015, 93, 1235-1245.	1.7	5
42	Treatment with glucokinase activator, YH-GKA, increases cell proliferation and decreases glucotoxic apoptosis in INS-1 cells. European Journal of Pharmaceutical Sciences, 2014, 51, 137-145.	1.9	19
43	Role of Bioactive Food Components in Diabetes Prevention: Effects on Beta-Cell Function and Preservation. Nutrition and Metabolic Insights, 2014, 7, NMI.S13589.	0.8	49
44	Protective Role ofPsoralea corylifoliaL. Seed Extract against Hepatic Mitochondrial Dysfunction Induced by Oxidative Stress or Aging. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-9.	0.5	31
45	Exendin-4 inhibits glucolipotoxic ER stress in pancreatic Î² cells via regulation of SREBP1c and C/EBPÎ² transcription factors. Journal of Endocrinology, 2013, 216, 343-352.	1.2	34
46	Modulation of Insulin Sensitivity and Caveolin-1 Expression by Orchidectomy in a Nonobese Type 2 Diabetes Animal Model. Molecular Medicine, 2011, 17, 4-11.	1.9	18
47	Interleukinâ€6 treatment induces betaâ€cell apoptosis via STATâ€3â€mediated nitric oxide production. Diabetes/Metabolism Research and Reviews, 2011, 27, 813-819.	1.7	51
48	Betacellulin-Induced Beta Cell Proliferation and Regeneration Is Mediated by Activation of ErbB-1 and ErbB-2 Receptors. PLoS ONE, 2011, 6, e23894.	1.1	44
49	Does vitamin D status contribute to caveolin-1-mediated insulin sensitivity in skeletal muscle? Reply to Boucher BJ [letter]. Diabetologia, 2009, 52, 2241-2243.	2.9	0
50	A potential role for skeletal muscle caveolin-1 as an insulin sensitivity modulator in ageing-dependent non-obese type 2 diabetes: studies in a new mouse model. Diabetologia, 2008, 51, 1025-1034.	2.9	39
51	On the role of major vault protein in the resistance of senescent human diploid fibroblasts to apoptosis. Cell Death and Differentiation, 2008, 15, 1673-1680.	5.0	62
52	Exercise type and muscle fiber specific induction of caveolin-1 expression for insulin sensitivity of skeletal muscle. Experimental and Molecular Medicine, 2007, 39, 395-401.	3.2	15
53	Failure of stress-induced downregulation of Bcl-2 contributes to apoptosis resistance in senescent human diploid fibroblasts. Cell Death and Differentiation, 2007, 14, 1020-1028.	5.0	78
54	Role of Src-specific phosphorylation site on focal adhesion kinase for senescence-associated apoptosis resistance. Apoptosis: an International Journal on Programmed Cell Death, 2006, 11, 303-313.	2.2	35

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55	Regulation of insulin response in skeletal muscle cell by caveolin status. Journal of Cellular Biochemistry, 2006, 99, 747-758.	1.2	29
56	Morphological Adjustment of Senescent Cells by Modulating Caveolin-1 Status. Journal of Biological Chemistry, 2004, 279, 42270-42278.	1.6	157
57	Gryllus bimaculatus extract ameliorates high-fat diet-induced hyperglycemia and hyperlipidemia by inhibiting hepatic lipogenesis through AMPK activation. Food Science and Biotechnology, 0, , .	1.2	0