

# Kyoung-Jin Oh

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,103  
citations

257450

24  
h-index

243625

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative proteomic analyses reveal that GPX4 downregulation during myocardial infarction contributes to ferroptosis in cardiomyocytes. <i>Cell Death and Disease</i> , 2019, 10, 835.	6.3	203
2	Polyunsaturated fatty acid biosynthesis pathway determines ferroptosis sensitivity in gastric cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 32433-32442.	7.1	200
3	CREB and FoxO1: two transcription factors for the regulation of hepatic gluconeogenesis. <i>BMB Reports</i> , 2013, 46, 567-574.	2.4	173
4	The Role of Adipose Tissue Mitochondria: Regulation of Mitochondrial Function for the Treatment of Metabolic Diseases. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4924.	4.1	159
5	Metabolic Adaptation in Obesity and Type II Diabetes: Myokines, Adipokines and Hepatokines. <i>International Journal of Molecular Sciences</i> , 2017, 18, 8.	4.1	148
6	Adipose Tissue-Derived Signatures for Obesity and Type 2 Diabetes: Adipokines, Batokines and MicroRNAs. <i>Journal of Clinical Medicine</i> , 2019, 8, 854.	2.4	116
7	TORC2 Regulates Hepatic Insulin Signaling via a Mammalian Phosphatidic Acid Phosphatase, LIPIN1. <i>Cell Metabolism</i> , 2009, 9, 240-251.	16.2	76
8	TCF7L2 Modulates Glucose Homeostasis by Regulating CREB- and FoxO1-Dependent Transcriptional Pathway in the Liver. <i>PLoS Genetics</i> , 2012, 8, e1002986.	3.5	70
9	Intracellular annexin A2 regulates NF- $\kappa$ B signaling by binding to the p50 subunit: implications for gemcitabine resistance in pancreatic cancer. <i>Cell Death and Disease</i> , 2015, 6, e1606-e1606.	6.3	64
10	Small Molecules Facilitate Single Factor-Mediated Hepatic Reprogramming. <i>Cell Reports</i> , 2016, 15, 814-829.	6.4	61
11	Protein arginine methyltransferase 1 regulates hepatic glucose production in a FoxO1-dependent manner. <i>Hepatology</i> , 2012, 56, 1546-1556.	7.3	57
12	Transcriptional regulators of hepatic gluconeogenesis. <i>Archives of Pharmacal Research</i> , 2013, 36, 189-200.	6.3	56
13	Metabolic Spectrum of Liver Failure in Type 2 Diabetes and Obesity: From NAFLD to NASH to HCC. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4495.	4.1	56
14	Atypical antipsychotic drugs perturb AMPK-dependent regulation of hepatic lipid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E624-E632.	3.5	54
15	Loss of the E3 ubiquitin ligase MKRN1 represses diet-induced metabolic syndrome through AMPK activation. <i>Nature Communications</i> , 2018, 9, 3404.	12.8	50
16	Identification of Proteomic Biomarkers of Preeclampsia in Amniotic Fluid Using SELDI-TOF Mass Spectrometry. <i>Reproductive Sciences</i> , 2008, 15, 457-468.	2.5	48
17	Identification of DNA Aptamers toward Epithelial Cell Adhesion Molecule via Cell-SELEX. <i>Molecules and Cells</i> , 2014, 37, 742-746.	2.6	48
18	Mitochondrial Transplantation as a Novel Therapeutic Strategy for Mitochondrial Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4793.	4.1	46

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19	Dual roles of ULK1 (unc-51 like autophagy activating kinase 1) in cytoprotection against lipotoxicity. <i>Autophagy</i> , 2020, 16, 86-105.	9.1	41
20	DUSP4 Regulates Neuronal Differentiation and Calcium Homeostasis by Modulating ERK1/2 Phosphorylation. <i>Stem Cells and Development</i> , 2015, 24, 686-700.	2.1	33
21	Recent Advances in Proteomic Studies of Adipose Tissues and Adipocytes. <i>International Journal of Molecular Sciences</i> , 2015, 16, 4581-4599.	4.1	31
22	Role of phospholipase D2 in anti-apoptotic signaling through increased expressions of Bcl-2 and Bcl-xL. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 1409-1422.	2.6	30
23	c-Jun regulates adipocyte differentiation via the KLF15-mediated mode. <i>Biochemical and Biophysical Research Communications</i> , 2016, 469, 552-558.	2.1	28
24	Insulin-Inducible SMILE Inhibits Hepatic Gluconeogenesis. <i>Diabetes</i> , 2016, 65, 62-73.	0.6	24
25	HDAC11 Inhibits Myoblast Differentiation through Repression of MyoD-Dependent Transcription. <i>Molecules and Cells</i> , 2017, 40, 667-676.	2.6	24
26	Structural Study of the HD-PTP Bro1 Domain in a Complex with the Core Region of STAM2, a Subunit of ESCRT-0. <i>PLoS ONE</i> , 2016, 11, e0149113.	2.5	20
27	The Latest Insights into Adipokines in Diabetes. <i>Journal of Clinical Medicine</i> , 2019, 8, 1874.	2.4	19
28	Nurr1 performs its anti-inflammatory function by regulating RasGRP1 expression in neuro-inflammation. <i>Scientific Reports</i> , 2020, 10, 10755.	3.3	17
29	Hippocalcin increases phospholipase D2 expression through extracellular signal-regulated kinase activation and lysophosphatidic acid potentiates the hippocalcin-induced phospholipase D2 expression. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 1052-1065.	2.6	16
30	Effect of BI-1 on insulin resistance through regulation of CYP2E1. <i>Scientific Reports</i> , 2016, 6, 32229.	3.3	16
31	IDH1-dependent H3K9me3 regulates brown fat differentiation and function by modulating histone methylation. <i>Metabolism: Clinical and Experimental</i> , 2020, 105, 154173.	3.4	15
32	Set7/9, a methyltransferase, regulates the thermogenic program during brown adipocyte differentiation through the modulation of p53 acetylation. <i>Molecular and Cellular Endocrinology</i> , 2016, 431, 46-53.	3.2	14
33	Methyltransferase and demethylase profiling studies during brown adipocyte differentiation. <i>BMB Reports</i> , 2016, 49, 388-393.	2.4	14
34	GATA3 induces the upregulation of UCP-1 by directly binding to PGC-1α during adipose tissue browning. <i>Metabolism: Clinical and Experimental</i> , 2020, 109, 154280.	3.4	12
35	The transcription factor PITX1 drives astrocyte differentiation by regulating the SOX9 gene. <i>Journal of Biological Chemistry</i> , 2020, 295, 13677-13690.	3.4	10
36	Protein Tyrosine Phosphatase, Receptor Type B (PTPRB) Inhibits Brown Adipocyte Differentiation through Regulation of VEGFR2 Phosphorylation. <i>Journal of Microbiology and Biotechnology</i> , 2019, 29, 645-650.	2.1	9

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37	Silica nanoparticles inhibit brown adipocyte differentiation via regulation of p38 phosphorylation. <i>Nanotechnology</i> , 2015, 26, 435101.	2.6	8
38	MAP kinase phosphatase 3 inhibits brown adipocyte differentiation via regulation of Erk phosphorylation. <i>Molecular and Cellular Endocrinology</i> , 2015, 416, 70-76.	3.2	7
39	Profiling analysis of protein tyrosine phosphatases during neuronal differentiation. <i>Neuroscience Letters</i> , 2016, 612, 219-224.	2.1	7
40	Crystal structures of two forms of the <i>Acanthamoeba polyphaga</i> mimivirus Rab GTPase. <i>Archives of Virology</i> , 2017, 162, 3407-3416.	2.1	5
41	GADD45 <sup>Δ2</sup> Regulates Hepatic Gluconeogenesis via Modulating the Protein Stability of FoxO1. <i>Biomedicines</i> , 2021, 9, 50.	3.2	5
42	Roles of Protein Histidine Phosphatase 1 (PHPT1) in Brown Adipocyte Differentiation. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 306-312.	2.1	4
43	Rapid analysis of proteomic biomarkers expressed in human endometrial stromal cells during decidualization. <i>Archives of Pharmacal Research</i> , 2008, 31, 1247-1255.	6.3	3
44	Reply:. <i>Hepatology</i> , 2013, 57, 2091-2091.	7.3	3
45	Depletion of Janus kinase-2 promotes neuronal differentiation of mouse embryonic stem cells. <i>BMB Reports</i> , 2021, 54, 626-631.	2.4	1
46	Glycogen Storage Disease Phenotypes Accompanying the Perturbation of the Methionine Cycle in NDRG3-Deficient Mouse Livers. <i>Cells</i> , 2022, 11, 1536.	4.1	1
47	Depletion of Janus kinase-2 promotes neuronal differentiation of mouse embryonic stem cells. <i>BMB Reports</i> , 2021, , .	2.4	0