

Byung-Hyun Park

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8985147/publications.pdf>

Version: 2024-02-01

40
papers

977
citations

471477

17
h-index

477281

29
g-index

41
all docs

41
docs citations

41
times ranked

1275
citing authors

#	ARTICLE	IF	CITATIONS
1	Overexpression of Sirtuin 6 Suppresses Inflammatory Responses and Bone Destruction in Mice With Collagen-Induced Arthritis. <i>Arthritis and Rheumatism</i> , 2013, 65, 1776-1785.	6.7	98
2	Myeloid Sirtuin 6 Deficiency Causes Insulin Resistance in High-Fat Diet-Fed Mice by Eliciting Macrophage Polarization Toward an M1 Phenotype. <i>Diabetes</i> , 2017, 66, 2659-2668.	0.6	91
3	Hepatocyte-specific sirtuin 6 deletion predisposes to nonalcoholic steatohepatitis by upregulation of Bach1, an Nrf2 repressor. <i>FASEB Journal</i> , 2017, 31, 3999-4010.	0.5	72
4	Postprandial glucose-lowering effects of fermented red ginseng in subjects with impaired fasting glucose or type 2 diabetes: a randomized, double-blind, placebo-controlled clinical trial. <i>BMC Complementary and Alternative Medicine</i> , 2014, 14, 237.	3.7	57
5	Sirtuin 2 aggravates postischemic liver injury by deacetylating mitogen-activated protein kinase phosphatase-1. <i>Hepatology</i> , 2017, 65, 225-236.	7.3	50
6	Sirtuin 6 in preosteoclasts suppresses age- and estrogen deficiency-related bone loss by stabilizing estrogen receptor α . <i>Cell Death and Differentiation</i> , 2019, 26, 2358-2370.	11.2	44
7	Myeloid sirtuin 6 deficiency accelerates experimental rheumatoid arthritis by enhancing macrophage activation and infiltration into synovium. <i>EBioMedicine</i> , 2018, 38, 228-237.	6.1	41
8	Myeloid SIRT1 regulates macrophage infiltration and insulin sensitivity in mice fed a high-fat diet. <i>Journal of Endocrinology</i> , 2015, 224, 109-118.	2.6	40
9	Epigallocatechin-3-Gallate-Rich Green Tea Extract Ameliorates Fatty Liver and Weight Gain in Mice Fed a High Fat Diet by Activating the Sirtuin 1 and AMP Activating Protein Kinase Pathway. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 617-632.	3.8	40
10	Deacetylation of XBP1s by sirtuin 6 confers resistance to ER stress-induced hepatic steatosis. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-11.	7.7	40
11	Inhibition of IL-1 β -mediated inflammatory responses by the $\text{I}\kappa\text{B}\alpha$ super-repressor in human fibroblast-like synoviocytes. <i>Biochemical and Biophysical Research Communications</i> , 2009, 378, 90-94.	2.1	36
12	Myeloid cell-specific sirtuin 6 deficiency delays wound healing in mice by modulating inflammation and macrophage phenotypes. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	28
13	Overexpression of sirtuin 6 suppresses allergic airway inflammation through deacetylation of GATA3. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1452-1455.e13.	2.9	27
14	Glucocorticoid Suppresses Connexin 43 Expression by Inhibiting the Akt/mTOR Signaling Pathway in Osteoblasts. <i>Calcified Tissue International</i> , 2016, 99, 88-97.	3.1	27
15	Adipose sirtuin 6 drives macrophage polarization toward M2 through IL-4 production and maintains systemic insulin sensitivity in mice and humans. <i>Experimental and Molecular Medicine</i> , 2019, 51, 1-10.	7.7	25
16	Lactobacillus plantarum HAC01 Supplementation Improves Glycemic Control in Prediabetic Subjects: A Randomized, Double-Blind, Placebo-Controlled Trial. <i>Nutrients</i> , 2021, 13, 2337.	4.1	22
17	ERR α suppression by Sirt6 alleviates cholestatic liver injury and fibrosis. <i>JCI Insight</i> , 2020, 5, .	5.0	18
18	Cytoplasmic sirtuin 6 translocation mediated by p62 polyubiquitination plays a critical role in cadmium-induced kidney toxicity. <i>Cell Biology and Toxicology</i> , 2021, 37, 193-207.	5.3	17

#	ARTICLE	IF	CITATIONS
19	Sirt6 reprograms myofibers to oxidative type through CREB-dependent Sox6 suppression. <i>Nature Communications</i> , 2022, 13, 1808.	12.8	16
20	mTOR- and SGK-Mediated Connexin 43 Expression Participates in Lipopolysaccharide-Stimulated Macrophage Migration through the iNOS/Src/FAK Axis. <i>Journal of Immunology</i> , 2018, 201, 2986-2997.	0.8	15
21	Gypenoside UL4-Rich <i>Gynostemma pentaphyllum</i> Extract Exerts a Hepatoprotective Effect on Diet-Induced Nonalcoholic Fatty Liver Disease. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 1315-1332.	3.8	15
22	Inhibiting Protein Kinase Activity of Pyruvate Kinase M2 by SIRT2 Deacetylase Attenuates Psoriasis. <i>Journal of Investigative Dermatology</i> , 2021, 141, 355-363.e6.	0.7	15
23	Statin suppresses sirtuin 6 through miR-495, increasing FoxO1-dependent hepatic gluconeogenesis. <i>Theranostics</i> , 2020, 10, 11416-11427.	10.0	14
24	2 α -Hydroxycinnamaldehyde ameliorates imiquimod-induced psoriasiform inflammation by targeting PKM2-STAT3 signaling in mice. <i>Experimental and Molecular Medicine</i> , 2021, 53, 875-884.	7.7	13
25	Loss of Proximal Tubular Sirtuin 6 Aggravates Unilateral Ureteral Obstruction-Induced Tubulointerstitial Inflammation and Fibrosis by Regulation of β -Catenin Acetylation. <i>Cells</i> , 2022, 11, 1477.	4.1	12
26	Tussilagone promotes osteoclast apoptosis and prevents estrogen deficiency-induced osteoporosis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2020, 531, 508-514.	2.1	11
27	Osteoblasts/Osteocytes sirtuin6 Is Vital to Preventing Ischemic Osteonecrosis Through Targeting VDR-RANKL Signaling. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 579-590.	2.8	11
28	Histone deacetylase 8 inhibition alleviates cholestatic liver injury and fibrosis. <i>Biochemical Pharmacology</i> , 2021, 183, 114312.	4.4	10
29	Loss of Sirt6 in adipocytes impairs the ability of adipose tissue to adapt to intermittent fasting. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1298-1306.	7.7	9
30	Ursolic Acid Accelerates Paclitaxel-Induced Cell Death in Esophageal Cancer Cells by Suppressing Akt/FOXM1 Signaling Cascade. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11486.	4.1	9
31	p21 β -activated kinase 4 inhibition protects against liver ischemia/reperfusion injury: Role of nuclear factor erythroid 2-related factor 2 phosphorylation. <i>Hepatology</i> , 2022, 76, 345-356.	7.3	8
32	NAD ⁺ -boosting molecules suppress mast cell degranulation and anaphylactic responses in mice. <i>Theranostics</i> , 2022, 12, 3316-3328.	10.0	8
33	SPA0355 prevents ovariectomy-induced bone loss in mice. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 47.	1.2	6
34	Clinical Characteristics and Associated Risk Factors of Prediabetes in the Southwestern Region of Korea from 2010–2019. <i>Journal of Clinical Medicine</i> , 2020, 9, 1114.	2.4	6
35	p21 β -activated kinase 4 phosphorylates peroxisome proliferator-activated receptor β and suppresses skeletal muscle regeneration. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1776-1788.	7.3	6
36	Repurposing the anthelmintic praziquantel to treat psoriasis. <i>British Journal of Pharmacology</i> , 2021, 178, 4726-4740.	5.4	6

#	ARTICLE	IF	CITATIONS
37	Sirtuin 6 is a negative regulator of FcÎµRI signaling and anaphylactic responses. Journal of Allergy and Clinical Immunology, 2022, 149, 156-167.e7.	2.9	5
38	Sirtuin 6 promotes eosinophil differentiation by activating GATAâ€1 transcription factor. Aging Cell, 2021, 20, e13418.	6.7	5
39	<i>Angelica keiskei</i> Root Extract Attenuates Bile Duct Ligation-Induced Liver Injury in Mice. Journal of Medicinal Food, 2022, 25, 435-442.	1.5	3
40	Therapeutic Effect of <i>Acer tegmentosum</i> Maxim Twig Extract in Bile Duct Ligation-Induced Acute Cholestasis in Mice. Journal of Medicinal Food, 2022, 25, 652-659.	1.5	0