

# Hyon-Seung Yi

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

2,440  
citations

236612

25  
h-index

223531

46  
g-index

68  
all docs

68  
docs citations

68  
times ranked

4041  
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth differentiation factor 15 is a myomitokine governing systemic energy homeostasis. <i>Journal of Cell Biology</i> , 2017, 216, 149-165.	2.3	250
2	Exosomes derived from palmitic acid-treated hepatocytes induce fibrotic activation of hepatic stellate cells. <i>Scientific Reports</i> , 2017, 7, 3710.	1.6	170
3	Pro-inflammatory hepatic macrophages generate ROS through NADPH oxidase 2 via endocytosis of monomeric TLR4-MyD88 complex. <i>Nature Communications</i> , 2017, 8, 2247.	5.8	164
4	Exosome-mediated activation of toll-like receptor 3 in stellate cells stimulates interleukin-17 production by Th17 T cells in liver fibrosis. <i>Hepatology</i> , 2016, 64, 616-631.	3.6	163
5	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. <i>Journal of Hepatology</i> , 2017, 66, 132-141.	1.8	115
6	Reduced oxidative capacity in macrophages results in systemic insulin resistance. <i>Nature Communications</i> , 2018, 9, 1551.	5.8	114
7	GDF15 deficiency exacerbates chronic alcohol- and carbon tetrachloride-induced liver injury. <i>Scientific Reports</i> , 2017, 7, 17238.	1.6	85
8	Dysregulation of mitophagy in carcinogenesis and tumor progression. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 633-640.	0.5	71
9	Activation of toll-like receptor 3 attenuates alcoholic liver injury by stimulating Kupffer cells and stellate cells to produce interleukin-10 in mice. <i>Journal of Hepatology</i> , 2013, 58, 342-349.	1.8	70
10	Alcohol dehydrogenase III exacerbates liver fibrosis by enhancing stellate cell activation and suppressing natural killer cells in mice. <i>Hepatology</i> , 2014, 60, 1044-1053.	3.6	69
11	Glutamate Signaling in Hepatic Stellate Cells Drives Alcoholic Steatosis. <i>Cell Metabolism</i> , 2019, 30, 877-889.e7.	7.2	68
12	The mitochondrial unfolded protein response and mitohormesis: a perspective on metabolic diseases. <i>Journal of Molecular Endocrinology</i> , 2018, 61, R91-R105.	1.1	66
13	CD11b <sup>+</sup> Gr1 <sup>+</sup> bone marrow cells ameliorate liver fibrosis by producing interleukin-10 in mice. <i>Hepatology</i> , 2012, 56, 1902-1912.	3.6	65
14	T-cell senescence contributes to abnormal glucose homeostasis in humans and mice. <i>Cell Death and Disease</i> , 2019, 10, 249.	2.7	64
15	Growth differentiation factor 15 protects against the aging-mediated systemic inflammatory response in humans and mice. <i>Aging Cell</i> , 2020, 19, e13195.	3.0	64
16	Growth Differentiation Factor 15 Mediates Systemic Glucose Regulatory Action of T-Helper Type 2 Cytokines. <i>Diabetes</i> , 2017, 66, 2774-2788.	0.3	54
17	Interaction of hepatic stellate cells with diverse types of immune cells: Foe or friend?. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2013, 28, 99-104.	1.4	48
18	An adipocyte-specific defect in oxidative phosphorylation increases systemic energy expenditure and protects against diet-induced obesity in mouse models. <i>Diabetologia</i> , 2020, 63, 837-852.	2.9	48

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19	Differential roles of GDF15 and FGF21 in systemic metabolic adaptation to the mitochondrial integrated stress response. <i>IScience</i> , 2021, 24, 102181.	1.9	45
20	Hepatic Immune Microenvironment in Alcoholic and Nonalcoholic Liver Disease. <i>BioMed Research International</i> , 2017, 2017, 1-12.	0.9	43
21	Tetracycline Antibiotics Induce Host-Dependent Disease Tolerance to Infection. <i>Immunity</i> , 2021, 54, 53-67.e7.	6.6	42
22	CXCL5-mediated recruitment of neutrophils into the peritoneal cavity of <i>Gdf15</i> -deficient mice protects against abdominal sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12281-12287.	3.3	39
23	Mitochondrial Metabolic Signatures in Hepatocellular Carcinoma. <i>Cells</i> , 2021, 10, 1901.	1.8	36
24	ANGPTL6 expression is coupled with mitochondrial OXPHOS function to regulate adipose FGF21. <i>Journal of Endocrinology</i> , 2017, 233, 105-118.	1.2	32
25	Disease-Specific Mortality of Differentiated Thyroid Cancer Patients in Korea: A Multicenter Cohort Study. <i>Endocrinology and Metabolism</i> , 2017, 32, 434.	1.3	31
26	CX3CR1 differentiates F4/80low monocytes into pro-inflammatory F4/80high macrophages in the liver. <i>Scientific Reports</i> , 2018, 8, 15076.	1.6	31
27	Loss-of-function of IFT88 determines metabolic phenotypes in thyroid cancer. <i>Oncogene</i> , 2018, 37, 4455-4474.	2.6	27
28	Circulating regulatory T cells predict efficacy and atypical responses in lung cancer patients treated with PD-1/PD-L1 inhibitors. <i>Cancer Immunology, Immunotherapy</i> , 2022, 71, 579-588.	2.0	27
29	Implications of Mitochondrial Unfolded Protein Response and Mitokines: A Perspective on Fatty Liver Diseases. <i>Endocrinology and Metabolism</i> , 2019, 34, 39.	1.3	25
30	Association between Circulating Fibroblast Growth Factor 21 and Aggressiveness in Thyroid Cancer. <i>Cancers</i> , 2019, 11, 1154.	1.7	23
31	Endothelial-specific <i>Crif1</i> deletion induces BBB maturation and disruption via the alteration of actin dynamics by impaired mitochondrial respiration. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 1546-1561.	2.4	19
32	Treatment with 4-Methylpyrazole Modulated Stellate Cells and Natural Killer Cells and Ameliorated Liver Fibrosis in Mice. <i>PLoS ONE</i> , 2015, 10, e0127946.	1.1	19
33	Implications of oncocytic change in papillary thyroid cancer. <i>Clinical Endocrinology</i> , 2016, 85, 797-804.	1.2	18
34	Hepatic immunophenotyping for streptozotocin-induced hyperglycemia in mice. <i>Scientific Reports</i> , 2016, 6, 30656.	1.6	15
35	Decreasing Disease-Specific Mortality of Differentiated Thyroid Cancer in Korea: A Multicenter Cohort Study. <i>Thyroid</i> , 2018, 28, 1121-1127.	2.4	13
36	Eighth edition of tumor-node-metastasis staging system improve survival predictability for papillary, but not follicular thyroid carcinoma: A multicenter cohort study. <i>Oral Oncology</i> , 2018, 87, 97-103.	0.8	12

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37	Mitoribosomal defects aggravate liver cancer via aberrant glycolytic flux and T cell exhaustion. , 2022, 10, e004337.		12
38	Upregulation of RSPO2-GPR48/LGR4 signaling in papillary thyroid carcinoma contributes to tumor progression. Oncotarget, 2017, 8, 114980-114994.	0.8	11
39	Type 2 deiodinase Thr92Ala polymorphism is associated with a reduction in bone mineral density: A community-based korean genome and epidemiology study. Clinical Endocrinology, 2020, 93, 238-247.	1.2	10
40	Blockade of Retinol Metabolism Protects T Cell-Induced Hepatitis by Increasing Migration of Regulatory T Cells. Molecules and Cells, 2015, 38, 998-1006.	1.0	10
41	Clinical Implication of World Health Organization Classification in Patients with Follicular Thyroid Carcinoma in South Korea: A Multicenter Cohort Study. Endocrinology and Metabolism, 2020, 35, 618-627.	1.3	10
42	Skeletal muscle mitoribosomal defects are linked to low bone mass caused by bone marrow inflammation in male mice. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1785-1799.	2.9	10
43	The Eosinophil Count Tends to Be Negatively Associated with Levels of Serum Glucose in Patients with Adrenal Cushing Syndrome. Endocrinology and Metabolism, 2017, 32, 353.	1.3	9
44	Serum GDF15 Level Is Independent of Sarcopenia in Older Asian Adults. Gerontology, 2021, 67, 525-531.	1.4	9
45	Experimental Applications of Liver Perfusion Machinery for the Study of Liver Disease. Molecules and Cells, 2019, 42, 45-55.	1.0	9
46	Oncogenes, mitochondrial metabolism, and quality control in differentiated thyroid cancer. Korean Journal of Internal Medicine, 2017, 32, 780-789.	0.7	9
47	Growth differentiation factor-15 prevents glucotoxicity and connexin-36 downregulation in pancreatic beta-cells. Molecular and Cellular Endocrinology, 2022, 541, 111503.	1.6	9
48	Regeneration of thyroid follicles from primordial cells in a murine thyroidectomized model. Laboratory Investigation, 2017, 97, 478-489.	1.7	8
49	Interleukin-10 Attenuates Liver Fibrosis Exacerbated by Thermoneutrality. Frontiers in Medicine, 2021, 8, 672658.	1.2	7
50	Expression of LONP1 Is High in Visceral Adipose Tissue in Obesity, and Is Associated with Glucose and Lipid Metabolism. Endocrinology and Metabolism, 2021, 36, 661-671.	1.3	7
51	Effect of Atorvastatin on Growth Differentiation Factor-15 in Patients with Type 2 Diabetes Mellitus and Dyslipidemia. Diabetes and Metabolism Journal, 2016, 40, 70.	1.8	6
52	Clinical Implications of <i>UCP1</i> mRNA Expression in Human Cervical Adipose Tissue Under Physiological Conditions. Obesity, 2018, 26, 1008-1016.	1.5	6
53	Modification of the eight-edition tumor-node-metastasis staging system with N1b for papillary thyroid carcinoma: A multi-institutional cohort study. Oral Oncology, 2018, 86, 48-52.	0.8	6
54	Immunometabolic signatures predict recovery from thyrotoxic myopathy in patients with Graves' disease. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 355-367.	2.9	6

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55	Loss of toll-like receptor 3 aggravates hepatic inflammation but ameliorates steatosis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 957-962.	1.0	5
56	Overcoming osteoporosis and beyond: Locomotive syndrome or dysmobility syndrome. <i>Osteoporosis and Sarcopenia</i> , 2018, 4, 77-78.	0.7	5
57	Th2 Cytokines Increase the Expression of Fibroblast Growth Factor 21 in the Liver. <i>Cells</i> , 2021, 10, 1298.	1.8	5
58	Modification of the Tumor-Node-Metastasis Staging System for Differentiated Thyroid Carcinoma by Considering Extra-Thyroidal Extension and Lateral Cervical Lymph Node Metastasis. <i>Endocrinology and Metabolism</i> , 2020, 35, 149.	1.3	5
59	MRE-based NASH score for diagnosis of nonalcoholic steatohepatitis in patients with nonalcoholic fatty liver disease. <i>Hepatology International</i> , 2022, 16, 316-324.	1.9	5
60	Low-dose irradiation could mitigate osteoarthritis progression via anti-inflammatory action that modulates mitochondrial function. <i>Radiotherapy and Oncology</i> , 2022, 170, 231-241.	0.3	4
61	Implication of Sex Differences in Visceral Fat for the Assessment of Incidence Risk of Type 2 Diabetes Mellitus. <i>Diabetes and Metabolism Journal</i> , 2022, 46, 414-416.	1.8	4
62	Genetic Analysis of <i>CLCN7</i> in an Old Female Patient with Type II Autosomal Dominant Osteopetrosis. <i>Endocrinology and Metabolism</i> , 2018, 33, 380.	1.3	2
63	Letter: Insufficient Experience in Thyroid Fine-Needle Aspiration Leads to Misdiagnosis of Thyroid Cancer ( <i>Endocrinol Metab</i> 2014;29:293-9, Jung Il Son et al.). <i>Endocrinology and Metabolism</i> , 2014, 29, 590.	1.3	1
64	Sclerostin as a Putative Myokine in Sarcopenia. <i>Endocrinology and Metabolism</i> , 2022, 37, 430-431.	1.3	1
65	The Role of Carnitine Orotate Complex in Fatty Liver. <i>Diabetes and Metabolism Journal</i> , 2021, 45, 866-867.	1.8	0