

Minho Shong

List of Publications by Year in descending order

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204
papers

10,172
citations

44069

48
h-index

43889

91
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209
all docs

209
docs citations

209
times ranked

15253
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial dysfunction in Drosophila PINK1 mutants is complemented by parkin. <i>Nature</i> , 2006, 441, 1157-1161.	27.8	1,529
2	Upregulated NLRP3 Inflammasome Activation in Patients With Type 2 Diabetes. <i>Diabetes</i> , 2013, 62, 194-204.	0.6	591
3	Energy-dependent regulation of cell structure by AMP-activated protein kinase. <i>Nature</i> , 2007, 447, 1017-1020.	27.8	396
4	An Orally Administered Multitarget Tyrosine Kinase Inhibitor, SU11248, Is a Novel Potent Inhibitor of Thyroid Oncogenic RET/Papillary Thyroid Cancer Kinases. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 4070-4076.	3.6	291
5	Growth differentiation factor 15 is a myomitokine governing systemic energy homeostasis. <i>Journal of Cell Biology</i> , 2017, 216, 149-165.	5.2	250
6	The Roles of Adipokines, Proinflammatory Cytokines, and Adipose Tissue Macrophages in Obesity-Associated Insulin Resistance in Modest Obesity and Early Metabolic Dysfunction. <i>PLoS ONE</i> , 2016, 11, e0154003.	2.5	215
7	IFN- γ /TNF- α Synergism as the Final Effector in Autoimmune Diabetes: A Key Role for STAT1/IFN Regulatory Factor-1 Pathway in Pancreatic β Cell Death. <i>Journal of Immunology</i> , 2001, 166, 4481-4489.	0.8	201
8	Role of Peroxiredoxins in Regulating Intracellular Hydrogen Peroxide and Hydrogen Peroxide-induced Apoptosis in Thyroid Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 18266-18270.	3.4	193
9	Regulation of systemic energy homeostasis by serotonin in adipose tissues. <i>Nature Communications</i> , 2015, 6, 6794.	12.8	187
10	Influence of the BRAF V600E Mutation on Expression of Vascular Endothelial Growth Factor in Papillary Thyroid Cancer. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3667-3670.	3.6	144
11	Pharmacological Stimulation of NADH Oxidation Ameliorates Obesity and Related Phenotypes in Mice. <i>Diabetes</i> , 2009, 58, 965-974.	0.6	144
12	CXC Chemokine Receptor 4 Expression and Function in Human Anaplastic Thyroid Cancer Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 408-416.	3.6	115
13	Inhibiting poly ADP-ribosylation increases fatty acid oxidation and protects against fatty liver disease. <i>Journal of Hepatology</i> , 2017, 66, 132-141.	3.7	115
14	Reduced oxidative capacity in macrophages results in systemic insulin resistance. <i>Nature Communications</i> , 2018, 9, 1551.	12.8	114
15	The AMPK-PPARGC1A pathway is required for antimicrobial host defense through activation of autophagy. <i>Autophagy</i> , 2014, 10, 785-802.	9.1	107
16	SIRT2 regulates tumour hypoxia response by promoting HIF-1 α hydroxylation. <i>Oncogene</i> , 2015, 34, 1354-1362.	5.9	103
17	Characterization of neural cell types expressing peroxiredoxins in mouse brain. <i>Neuroscience Letters</i> , 2005, 381, 252-257.	2.1	102
18	CRIF1 Is Essential for the Synthesis and Insertion of Oxidative Phosphorylation Polypeptides in the Mammalian Mitochondrial Membrane. <i>Cell Metabolism</i> , 2012, 16, 274-283.	16.2	97

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19	BRAF somatic mutation contributes to intrinsic epileptogenicity in pediatric brain tumors. <i>Nature Medicine</i> , 2018, 24, 1662-1668.	30.7	93
20	Statin inhibits interferon- β -induced expression of intercellular adhesion molecule-1 (ICAM-1) in vascular endothelial and smooth muscle cells. <i>Experimental and Molecular Medicine</i> , 2002, 34, 451-461.	7.7	87
21	DJ-1 Null Dopaminergic Neuronal Cells Exhibit Defects in Mitochondrial Function and Structure: Involvement of Mitochondrial Complex I Assembly. <i>PLoS ONE</i> , 2012, 7, e32629.	2.5	86
22	Anti-inflammatory roles of retinoic acid in rat brain astrocytes: Suppression of interferon- β -induced JAK/STAT phosphorylation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 329, 125-131.	2.1	85
23	GDF15 deficiency exacerbates chronic alcohol- and carbon tetrachloride-induced liver injury. <i>Scientific Reports</i> , 2017, 7, 17238.	3.3	85
24	The Atypical Orphan Nuclear Receptor DAX-1 Interacts with Orphan Nuclear Receptor Nur77 and Represses Its Transactivation. <i>Molecular Endocrinology</i> , 2004, 18, 1929-1940.	3.7	82
25	CR6-interacting Factor 1 Interacts with Gadd45 Family Proteins and Modulates the Cell Cycle. <i>Journal of Biological Chemistry</i> , 2003, 278, 28079-28088.	3.4	80
26	Prediction of Occult Central Lymph Node Metastasis in Papillary Thyroid Carcinoma by Preoperative BRAF Analysis Using Fine-Needle Aspiration Biopsy: A Prospective Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 3996-4003.	3.6	79
27	Association of LETM1 and MRPL36 Contributes to the Regulation of Mitochondrial ATP Production and Necrotic Cell Death. <i>Cancer Research</i> , 2009, 69, 3397-3404.	0.9	77
28	Regulation of the Phosphatidylinositol 3-Kinase, Akt/Protein Kinase B, FRAP/Mammalian Target of Rapamycin, and Ribosomal S6 Kinase 1 Signaling Pathways by Thyroid-stimulating Hormone (TSH) and Stimulating type TSH Receptor Antibodies in the Thyroid Gland. <i>Journal of Biological Chemistry</i> , 2003, 278, 21960-21971.	3.4	75
29	Orphan Nuclear Receptor Small Heterodimer Partner Represses Hepatocyte Nuclear Factor 3/Foxa Transactivation via Inhibition of Its DNA Binding. <i>Molecular Endocrinology</i> , 2004, 18, 2880-2894.	3.7	74
30	Activation of NAD(P)H:Quinone Oxidoreductase 1 Prevents Arterial Restenosis by Suppressing Vascular Smooth Muscle Cell Proliferation. <i>Circulation Research</i> , 2009, 104, 842-850.	4.5	73
31	Dysregulation of mitophagy in carcinogenesis and tumor progression. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 633-640.	1.0	71
32	Diagnostic value of pyrosequencing for the BRAF ^{V600E} mutation in ultrasound-guided fine-needle aspiration biopsy samples of thyroid incidentalomas. <i>Clinical Endocrinology</i> , 2009, 70, 139-144.	2.4	70
33	GDF15 Is a Novel Biomarker for Impaired Fasting Glucose. <i>Diabetes and Metabolism Journal</i> , 2014, 38, 472.	4.7	70
34	Clinical Characteristics of Primary Thyroid Lymphoma in Koreans. <i>Endocrine Journal</i> , 2009, 56, 399-405.	1.6	68
35	The mitochondrial unfolded protein response and mitohormesis: a perspective on metabolic diseases. <i>Journal of Molecular Endocrinology</i> , 2018, 61, R91-R105.	2.5	66
36	T-cell senescence contributes to abnormal glucose homeostasis in humans and mice. <i>Cell Death and Disease</i> , 2019, 10, 249.	6.3	64

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37	Growth differentiation factor 15 protects against the aging-mediated systemic inflammatory response in humans and mice. <i>Aging Cell</i> , 2020, 19, e13195.	6.7	64
38	Transcriptional Corepressor SMILE Recruits SIRT1 to Inhibit Nuclear Receptor Estrogen Receptor-related Receptor β Transactivation. <i>Journal of Biological Chemistry</i> , 2009, 284, 28762-28774.	3.4	63
39	Activation of Signal Transducer and Activator of Transcription 3 by Oncogenic RET/PTC (Rearranged in) Tj ETQq1 1 0.784314 rgBT /O Cellular Transformation. <i>Molecular Endocrinology</i> , 2003, 17, 1155-1166.	3.7	61
40	Crif1 is a novel transcriptional coactivator of STAT3. <i>EMBO Journal</i> , 2008, 27, 642-653.	7.8	61
41	Metformin ameliorates IL-6-induced hepatic insulin resistance via induction of orphan nuclear receptor small heterodimer partner (SHP) in mouse models. <i>Diabetologia</i> , 2012, 55, 1482-1494.	6.3	61
42	Involvement of JAK/STAT (Janus Kinase/Signal Transducer and Activator of Transcription) in the Thyrotropin Signaling Pathway. <i>Molecular Endocrinology</i> , 2000, 14, 662-670.	3.7	58
43	Fenofibrate differentially regulates plasminogen activator inhibitor-1 gene expression via adenosine monophosphate-activated protein kinase-dependent induction of orphan nuclear receptor small heterodimer partner. <i>Hepatology</i> , 2009, 50, 880-892.	7.3	58
44	Rho-kinase/AMPK axis regulates hepatic lipogenesis during overnutrition. <i>Journal of Clinical Investigation</i> , 2018, 128, 5335-5350.	8.2	57
45	Regulation of Major Histocompatibility Complex Class I Gene Expression in Thyroid Cells. <i>Journal of Biological Chemistry</i> , 1997, 272, 20096-20107.	3.4	56
46	Orphan Nuclear Receptor Small Heterodimer Partner, a Novel Corepressor for a Basic Helix-Loop-Helix Transcription Factor BETA2/NeuroD. <i>Molecular Endocrinology</i> , 2004, 18, 776-790.	3.7	55
47	Peroxiredoxin II preserves cognitive function against age-linked hippocampal oxidative damage. <i>Neurobiology of Aging</i> , 2011, 32, 1054-1068.	3.1	55
48	Crif1 Deficiency Reduces Adipose OXPHOS Capacity and Triggers Inflammation and Insulin Resistance in Mice. <i>PLoS Genetics</i> , 2013, 9, e1003356.	3.5	55
49	Growth Differentiation Factor 15 Mediates Systemic Glucose Regulatory Action of T-Helper Type 2 Cytokines. <i>Diabetes</i> , 2017, 66, 2774-2788.	0.6	54
50	Mitochondrial Localization and Regulation of BRAFV600E in Thyroid Cancer: A Clinically Used RAF Inhibitor Is Unable to Block the Mitochondrial Activities of BRAFV600E. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E19-E30.	3.6	51
51	Association between Growth Differentiation Factor 15 (GDF15) and Cardiovascular Risk in Patients with Newly Diagnosed Type 2 Diabetes Mellitus. <i>Journal of Korean Medical Science</i> , 2016, 31, 1413.	2.5	51
52	RET/PTC (Rearranged in Transformation/Papillary Thyroid Carcinomas) Tyrosine Kinase Phosphorylates and Activates Phosphoinositide-Dependent Kinase 1 (PDK1): An Alternative Phosphatidylinositol 3-Kinase-Independent Pathway to Activate PDK1. <i>Molecular Endocrinology</i> , 2003, 17, 1382-1394.	3.7	50
53	Mitohormesis in Hypothalamic POMC Neurons Mediates Regular Exercise-Induced High-Turnover Metabolism. <i>Cell Metabolism</i> , 2021, 33, 334-349.e6.	16.2	50
54	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.	6.3	48

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55	Methimazole As an Antioxidant and Immunomodulator in Thyroid Cells: Mechanisms Involving Interferon- β Signaling and H ₂ O ₂ Scavenging. <i>Molecular Pharmacology</i> , 2001, 60, 972-980.	2.3	46
56	Differential roles of GDF15 and FGF21 in systemic metabolic adaptation to the mitochondrial integrated stress response. <i>iScience</i> , 2021, 24, 102181.	4.1	45
57	Regulation of OPA1-mediated mitochondrial fusion by leucine zipper/EF-hand-containing transmembrane protein-1 plays a role in apoptosis. <i>Cellular Signalling</i> , 2009, 21, 767-777.	3.6	44
58	Activation of NAD(P)H:quinone oxidoreductase ameliorates spontaneous hypertension in an animal model via modulation of eNOS activity. <i>Cardiovascular Research</i> , 2011, 91, 519-527.	3.8	44
59	Hormonal Modulation of Major Histocompatibility Complex Class I Gene Expression Involves an Enhancer A-binding Complex Consisting of Fra-2 and the p50 Subunit of NF- κ B. <i>Journal of Biological Chemistry</i> , 1995, 270, 11453-11462.	3.4	43
60	Regulation of Major Histocompatibility Class II Gene Expression in FRTL-5 Thyrocytes: Opposite Effects of Interferon and Methimazole*. <i>Endocrinology</i> , 1998, 139, 290-302.	2.8	43
61	An engineered FGF21 variant, LY2405319, can prevent non-alcoholic steatohepatitis by enhancing hepatic mitochondrial function. <i>American Journal of Translational Research (discontinued)</i> , 2016, 8, 4750-4763.	0.0	43
62	Thyrotropin Induces SOCS-1 (Suppressor of Cytokine Signaling-1) and SOCS-3 in FRTL-5 Thyroid Cells. <i>Molecular Endocrinology</i> , 2000, 14, 440-448.	3.7	42
63	Tetracycline Antibiotics Induce Host-Dependent Disease Tolerance to Infection. <i>Immunity</i> , 2021, 54, 53-67.e7.	14.3	42
64	NAD ⁺ boosting reduces age-associated amyloidosis and restores mitochondrial homeostasis in muscle. <i>Cell Reports</i> , 2021, 34, 108660.	6.4	42
65	CR6-Interacting Factor 1 Interacts with Orphan Nuclear Receptor Nur77 and Inhibits Its Transactivation. <i>Molecular Endocrinology</i> , 2005, 19, 12-24.	3.7	41
66	Suppression of mitochondrial respiration with auraptene inhibits the progression of renal cell carcinoma: involvement of HIF-1 α degradation. <i>Oncotarget</i> , 2015, 6, 38127-38138.	1.8	41
67	Prevention of salt-induced renal injury by activation of NAD(P)H:quinone oxidoreductase 1, associated with NADPH oxidase. <i>Free Radical Biology and Medicine</i> , 2012, 52, 880-888.	2.9	40
68	IGF β 1 receptor deficiency in thyrocytes impairs thyroid hormone secretion and completely inhibits TSH α -stimulated goiter. <i>FASEB Journal</i> , 2013, 27, 4899-4908.	0.5	39
69	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.	7.1	39
70	Regulation of Protein Kinase B Tyrosine Phosphorylation by Thyroid-Specific Oncogenic RET/PTC Kinases. <i>Molecular Endocrinology</i> , 2005, 19, 2748-2759.	3.7	38
71	Thyroid Dysfunction Associated With Follicular Cell Steatosis in Obese Male Mice and Humans. <i>Endocrinology</i> , 2015, 156, 1181-1193.	2.8	37
72	Defective ciliogenesis in thyroid h α 4rthle cell tumors is associated with increased autophagy. <i>Oncotarget</i> , 2016, 7, 79117-79130.	1.8	37

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73	Morphological and Functional Changes in the Thyroid Follicles of the Aged Murine and Humans. <i>Journal of Pathology and Translational Medicine</i> , 2016, 50, 426-435.	1.1	37
74	Cross-Regulation between Oncogenic BRAFV600E Kinase and the MST1 Pathway in Papillary Thyroid Carcinoma. <i>PLoS ONE</i> , 2011, 6, e16180.	2.5	36
75	Pyrosequencing cutoff value identifying BRAF ^{V600E} mutation in fine needle aspiration samples of thyroid nodules. <i>Clinical Endocrinology</i> , 2011, 75, 555-560.	2.4	36
76	Regulation of Signal Transducer and Activator of Transcription 1 (STAT1) and STAT1-Dependent Genes by RET/PTC (Rearranged in Transformation/Papillary Thyroid Carcinoma) Oncogenic Tyrosine Kinases. <i>Molecular Endocrinology</i> , 2004, 18, 2672-2684.	3.7	35
77	Antidiabetic and Antiobesity Effects of Amphinone (6f), a Novel Small Molecule Activator of AMP-Activated Protein Kinase. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7405-7413.	6.4	35
78	Protection of NAD(P)H:quinone oxidoreductase 1 against renal ischemia/reperfusion injury in mice. <i>Free Radical Biology and Medicine</i> , 2014, 67, 139-149.	2.9	34
79	Major Histocompatibility Class II HLA-DR β Gene Expression in Thyrocytes: Counter Regulation by the Class II Transactivator and the Thyroid Y Box Protein. <i>Endocrinology</i> , 1998, 139, 280-289.	2.8	33
80	Differential Role of the Loop Region between Helices H6 and H7 within the Orphan Nuclear Receptors Small Heterodimer Partner and DAX-1. <i>Molecular Endocrinology</i> , 2004, 18, 1082-1095.	3.7	33
81	Modulatory role of phospholipase D in the activation of signal transducer and activator of transcription (STAT)-3 by thyroid oncogenic kinase RET/PTC. <i>BMC Cancer</i> , 2008, 8, 144.	2.6	33
82	Lactation improves pancreatic β cell mass and function through serotonin production. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	33
83	ANGPTL6 expression is coupled with mitochondrial OXPHOS function to regulate adipose FGF21. <i>Journal of Endocrinology</i> , 2017, 233, 105-118.	2.6	32
84	MMPP Attenuates Non-Small Cell Lung Cancer Growth by Inhibiting the STAT3 DNA-Binding Activity via Direct Binding to the STAT3 DNA-Binding Domain. <i>Theranostics</i> , 2017, 7, 4632-4642.	10.0	32
85	Isocitrate dehydrogenase 2 protects mice from high-fat diet-induced metabolic stress by limiting oxidative damage to the mitochondria from brown adipose tissue. <i>Experimental and Molecular Medicine</i> , 2020, 52, 238-252.	7.7	32
86	Iodide Suppression of Major Histocompatibility Class I Gene Expression in Thyroid Cells Involves Enhancer A and the Transcription Factor NF- κ B. <i>Molecular Endocrinology</i> , 1998, 12, 19-33.	3.7	31
87	Overexpression of ERp29 in the thyrocytes of FRTL-5 cells. <i>Molecular Biology Reports</i> , 2005, 32, 7-13.	2.3	31
88	Orphan Nuclear Receptor Small Heterodimer Partner Inhibits Transforming Growth Factor- β Signaling by Repressing SMAD3 Transactivation. <i>Journal of Biological Chemistry</i> , 2006, 281, 39169-39178.	3.4	31
89	Mitochondrial Oxidative Phosphorylation Reserve Is Required for Hormone- and PPAR γ Agonist-Induced Adipogenesis. <i>Molecules and Cells</i> , 2013, 35, 134-141.	2.6	31
90	Gadd45 β Expression Is Reduced in Anaplastic Thyroid Cancer and Its Reexpression Results in Apoptosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3913-3920.	3.6	30

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91	Thyrotropin-Mediated Repression of Class II <i>Trans</i> -Activator Expression in Thyroid Cells: Involvement of STAT3 and Suppressor of Cytokine Signaling. <i>Journal of Immunology</i> , 2003, 171, 616-627.	0.8	29
92	The protective role of NAD(P)H:quinone oxidoreductase 1 on acetaminophen-induced liver injury is associated with prevention of adenosine triphosphate depletion and improvement of mitochondrial dysfunction. <i>Archives of Toxicology</i> , 2015, 89, 2159-2166.	4.2	29
93	The indole derivative NecroX ϵ 7 improves nonalcoholic steatohepatitis in <i>ob/ob</i> mice through suppression of mitochondrial <i>ROS</i> and <i>RNS</i> and inflammation. <i>Liver International</i> , 2015, 35, 1341-1353.	3.9	29
94	Management Guidelines for Patients with Thyroid Nodules and Thyroid Cancer. <i>Journal of Korean Endocrine Society</i> , 2007, 22, 157.	0.1	29
95	Follicular and Hurthle cell carcinoma of the thyroid in iodine-sufficient area: retrospective analysis of Korean multicenter data. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 325.	1.7	29
96	The IgG subclass distribution of TSH receptor blocking antibodies in primary hypothyroidism. <i>Clinical Endocrinology</i> , 1992, 37, 135-140.	2.4	28
97	Sodium arsenite induces orphan nuclear receptor SHP gene expression via AMP-activated protein kinase to inhibit gluconeogenic enzyme gene expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E368-E379.	3.5	28
98	DJ-1 mediates paraquat-induced dopaminergic neuronal cell death. <i>Toxicology Letters</i> , 2011, 202, 85-92.	0.8	28
99	Dual specificity phosphatase 6 as a predictor of invasiveness in papillary thyroid cancer. <i>European Journal of Endocrinology</i> , 2012, 167, 93-101.	3.7	28
100	An Indole Derivative Protects Against Acetaminophen-Induced Liver Injury by Directly Binding to <i>N</i> -Acetyl- <i>p</i> -Benzoquinone Imine in Mice. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 1713-1722.	5.4	28
101	Protective role of NAD(P)H:quinone oxidoreductase 1 (NQO1) in cisplatin-induced nephrotoxicity. <i>Toxicology Letters</i> , 2013, 221, 165-175.	0.8	27
102	CR6-interacting factor 1 is a key regulator in $A\beta$ -induced mitochondrial disruption and pathogenesis of Alzheimer's disease. <i>Cell Death and Differentiation</i> , 2015, 22, 959-973.	11.2	27
103	Long-term Recurrence of Small Papillary Thyroid Cancer and Its Risk Factors in a Korean Multicenter Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2287.	3.6	27
104	Loss-of-function of IFT88 determines metabolic phenotypes in thyroid cancer. <i>Oncogene</i> , 2018, 37, 4455-4474.	5.9	27
105	Metformin Inhibits Growth Hormone-Mediated Hepatic <i>PDK4</i> Gene Expression Through Induction of Orphan Nuclear Receptor Small Heterodimer Partner. <i>Diabetes</i> , 2012, 61, 2484-2494.	0.6	26
106	RAF kinase inhibitor-independent constitutive activation of Yes-associated protein 1 promotes tumor progression in thyroid cancer. <i>Oncogenesis</i> , 2013, 2, e55-e55.	4.9	26
107	Tumor Suppressor LKB1 Inhibits Activation of Signal Transducer and Activator of Transcription 3 (STAT3) by Thyroid Oncogenic Tyrosine Kinase Rearranged in Transformation (RET)/Papillary Thyroid Carcinoma (PTC). <i>Molecular Endocrinology</i> , 2007, 21, 3039-3049.	3.7	25
108	Significance of the expression of major histocompatibility complex class II antigen, HLA-DR and β 2-microglobulin, with recurrence of papillary thyroid cancer. <i>International Journal of Cancer</i> , 2008, 122, 785-790.	5.1	25

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109	CR6-Interacting Factor 1 Represses the Transactivation of Androgen Receptor by Direct Interaction. <i>Molecular Endocrinology</i> , 2008, 22, 33-46.	3.7	25
110	Anti-obesity Agents: A Focused Review on the Structural Classification of Therapeutic Entities. <i>Current Topics in Medicinal Chemistry</i> , 2009, 9, 466-481.	2.1	25
111	Dysregulation of Parkin-mediated mitophagy in thyroid H ₂ O ₂ cell tumors. <i>Carcinogenesis</i> , 2015, 36, 1407-1418.	2.8	25
112	TSH regulates a gene expression encoding ERp29, an endoplasmic reticulum stress protein, in the thyrocytes of FRTL-5 cells. <i>FEBS Letters</i> , 2000, 475, 27-30.	2.8	24
113	CR6 interacting factor 1 deficiency induces premature senescence via SIRT3 inhibition in endothelial cells. <i>Free Radical Biology and Medicine</i> , 2020, 150, 161-171.	2.9	24
114	Loss of primary cilia promotes mitochondria-dependent apoptosis in thyroid cancer. <i>Scientific Reports</i> , 2021, 11, 4181.	3.3	24
115	Involvement of JAK/STAT (Janus Kinase/Signal Transducer and Activator of Transcription) in the Thyrotropin Signaling Pathway. <i>Molecular Endocrinology</i> , 2000, 14, 662-670.	3.7	24
116	Loss of Primary Cilia Results in the Development of Cancer in the Murine Thyroid Gland. <i>Molecules and Cells</i> , 2019, 42, 113-122.	2.6	24
117	Orphan nuclear receptor SHP interacts with and represses hepatocyte nuclear factor-6 (HNF-6) transactivation. <i>Biochemical Journal</i> , 2008, 413, 559-569.	3.7	23
118	CR6-Interacting Factor 1 Deficiency Impairs Vascular Function by Inhibiting the Sirt1-Endothelial Nitric Oxide Synthase Pathway. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 234-249.	5.4	23
119	Transcriptome Network Analysis Reveals Aging-Related Mitochondrial and Proteasomal Dysfunction and Immune Activation in Human Thyroid. <i>Thyroid</i> , 2018, 28, 656-666.	4.5	23
120	Association between Circulating Fibroblast Growth Factor 21 and Aggressiveness in Thyroid Cancer. <i>Cancers</i> , 2019, 11, 1154.	3.7	23
121	Regulation of Gadd45 ^β expression by C/EBP. <i>FEBS Journal</i> , 2000, 267, 6180-6187.	0.2	22
122	Aberrant L1 Cell Adhesion Molecule Affects Tumor Behavior and Chemosensitivity in Anaplastic Thyroid Carcinoma. <i>Clinical Cancer Research</i> , 2012, 18, 3071-3078.	7.0	22
123	Mitochondrial Protection by Exogenous Otx2 in Mouse Retinal Neurons. <i>Cell Reports</i> , 2015, 13, 990-1002.	6.4	22
124	Role of Krüppel-Like Factor 4 in the Maintenance of Chemoresistance of Anaplastic Thyroid Cancer. <i>Thyroid</i> , 2017, 27, 1424-1432.	4.5	22
125	PRMT1 Is Required for the Maintenance of Mature β-Cell Identity. <i>Diabetes</i> , 2020, 69, 355-368.	0.6	22
126	Thyrotropin Modulates Interferon-β-Mediated Intercellular Adhesion Molecule-1 Gene Expression by Inhibiting Janus Kinase-1 and Signal Transducer and Activator of Transcription-1 Activation in Thyroid Cells*. <i>Endocrinology</i> , 2000, 141, 2090-2097.	2.8	21

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127	VEGFR2 but not VEGFR3 governs integrity and remodeling of thyroid angiofollicular unit in normal state and during goitrogenesis. <i>EMBO Molecular Medicine</i> , 2017, 9, 750-769.	6.9	21
128	Predictive Value of the Preablation Serum Thyroglobulin Level After Thyroidectomy Is Combined With Postablation ¹³¹ I Whole Body Scintigraphy for Successful Ablation in Patients With Differentiated Thyroid Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2007, 30, 63-68.	1.3	20
129	Differential immune response of adipocytes to virulent and attenuated <i>Mycobacterium tuberculosis</i> . <i>Microbes and Infection</i> , 2011, 13, 1242-1251.	1.9	20
130	Growth Differentiation Factor 15 is a Cancer Cell-Induced Mitokine That Primes Thyroid Cancer Cells for Invasiveness. <i>Thyroid</i> , 2021, 31, 772-786.	4.5	20
131	Increased vulnerability to β -cell destruction and diabetes in mice lacking NAD(P)H:quinone oxidoreductase 1. <i>Toxicology Letters</i> , 2013, 219, 35-41.	0.8	19
132	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.	4.3	19
133	Involvement of the protein kinase C pathway in thyrotropin-induced STAT3 activation in FRTL-5 thyroid cells. <i>Molecular and Cellular Endocrinology</i> , 2002, 194, 77-84.	3.2	18
134	CRIF1 Deficiency Induces p66shc-Mediated Oxidative Stress and Endothelial Activation. <i>PLoS ONE</i> , 2014, 9, e98670.	2.5	18
135	Disruption of CR6-interacting factor-1 (CRIF1) in mouse islet beta cells leads to mitochondrial diabetes with progressive beta cell failure. <i>Diabetologia</i> , 2015, 58, 771-780.	6.3	18
136	Inhibition of sphingolipid de novo synthesis counteracts muscular dystrophy. <i>Science Advances</i> , 2022, 8, eabh4423.	10.3	18
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