Hang Yin

List of Publications by Year
in descending order

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48 papers	5,263 citations	270111 25 h-index	242451 47 g-index
49 all docs	49 docs citations	49 times ranked	8668 citing authors

#	Article	IF	Citations
1	Long-chain fatty acyl-CoA synthetase 1 promotes prostate cancer progression by elevation of lipogenesis and fatty acid beta-oxidation. Oncogene, 2021, 40, 1806-1820.	2.6	43
2	Lifelong Ulk1-Mediated Autophagy Deficiency in Muscle Induces Mitochondrial Dysfunction and Contractile Weakness. International Journal of Molecular Sciences, 2021, 22, 1937.	1.8	14
3	Development of a novel miR-3648-related gene signature as a prognostic biomarker in esophageal adenocarcinoma. Annals of Translational Medicine, 2021, 9, 1702-1702.	0.7	2
4	Multiplexed Analysis of Endogenous Guanidino Compounds via Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case. Analytical Chemistry, 2021, 93, 16862-16872.	3.2	1
5	A Novel PET Probe for Brown Adipose Tissue Imaging in Rodents. Molecular Imaging and Biology, 2020, 22, 675-684.	1.3	8
6	Mitochondrial-specific autophagy linked to mitochondrial dysfunction following traumatic freeze injury in mice. American Journal of Physiology - Cell Physiology, 2020, 318, C242-C252.	2.1	19
7	Generation of Functional Brown Adipocytes from Human Pluripotent Stem Cells via Progression through a Paraxial Mesoderm State. Cell Stem Cell, 2020, 27, 784-797.e11.	5.2	15
8	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. Nature Communications, 2020, 11, 2758.	5.8	40
9	Transient p53 inhibition sensitizes aged white adipose tissue for beige adipocyte recruitment by blocking mitophagy. FASEB Journal, 2019, 33, 844-856.	0.2	21
10	NaCl Nanoparticles as a Cancer Therapeutic. Advanced Materials, 2019, 31, e1904058.	11.1	74
11	Video-assisted thoracoscopic surgery right upper lobectomy after neoadjuvant targeted therapy. Journal of Thoracic Disease, 2019, 11, 252-254.	0.6	1
12	Lin28-mediated promotion of protein synthesis is critical for neural progenitor cell maintenance and brain development in mice. Development (Cambridge), 2019, 146, .	1.2	23
13	Ectopic brown adipose tissue formation within skeletal muscle after brown adipose progenitor cell transplant augments energy expenditure. FASEB Journal, 2019, 33, 8822-8835.	0.2	7
14	Mitochondrial Dynamics: Biogenesis, Fission, Fusion, and Mitophagy in the Regulation of Stem Cell Behaviors. Stem Cells International, 2019, 2019, 1-15.	1.2	97
15	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. Prostate, 2019, 79, 896-908.	1.2	13
16	PGC-1Î± overexpression partially rescues impaired oxidative and contractile pathophysiology following volumetric muscle loss injury. Scientific Reports, 2019, 9, 4079.	1.6	33
17	Atrial endocardial expression of von Willebrand factor and thrombomodulin is associated with recurrence after minimally invasive surgical atrial fibrillation ablation. Interactive Cardiovascular and Thoracic Surgery, 2018, 27, 177-181.	0.5	4
18	Th17/Treg Ratio in Serum Predicts Onset of Postoperative Atrial Fibrillation After Off-Pump Coronary Artery Bypass Graft Surgery. Heart Lung and Circulation, 2018, 27, 1467-1475.	0.2	10

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19	Collaborating genomic, transcriptomic and microbiomic alterations lead to canine extreme intestinal polyposis. Oncotarget, 2018, 9, 29162-29179.	0.8	16
20	Fat spectral modeling on triglyceride composition quantification using chemical shift encoded magnetic resonance imaging. Magnetic Resonance Imaging, 2018, 52, 84-93.	1.0	5
21	Response gene to complement 32 suppresses adipose tissue thermogenic genes through inhibiting ÃŸ3â€adrenergic receptor/mTORC1 signaling. FASEB Journal, 2018, 32, 4836-4847.	0.2	8
22	Cis-regulatory determinants of MyoD function. Nucleic Acids Research, 2018, 46, 7221-7235.	6.5	11
23	Transient HIF2A inhibition promotes satellite cell proliferation and muscle regeneration. Journal of Clinical Investigation, 2018, 128, 2339-2355.	3.9	52
24	MYC Controls Human Pluripotent Stem Cell Fate Decisions through Regulation of Metabolic Flux. Cell Stem Cell, 2017, 21, 502-516.e9.	5.2	113
25	DOCK2 deficiency mitigates HFD-induced obesity by reducing adipose tissue inflammation and increasing energy expenditure. Journal of Lipid Research, 2017, 58, 1777-1784.	2.0	16
26	Analysis of Important Gene Ontology Terms and Biological Pathways Related to Pancreatic Cancer. BioMed Research International, 2016, 2016, 1-10.	0.9	12
27	Control of glioblastoma tumorigenesis by feed-forward cytokine signaling. Nature Neuroscience, 2016, 19, 798-806.	7.1	82
28	Notch Signaling Rescues Loss of Satellite Cells Lacking Pax7 and Promotes Brown Adipogenic Differentiation. Cell Reports, 2016, 16, 333-343.	2.9	44
29	Stroke prevention following modified endoscopic ablation and appendectomy for atrial fibrillation. Heart and Vessels, 2016, 31, 1529-1536.	0.5	4
30	Reassessment of Piwi Binding to the Genome and Piwi Impact on RNA Polymerase II Distribution. Developmental Cell, 2015, 32, 772-774.	3.1	9
31	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. Nature Medicine, 2014, 20, 1174-1181.	15.2	309
32	Chromatin Immunoprecipitation Assay of Piwi in Drosophila. Methods in Molecular Biology, 2014, 1093, 1-11.	0.4	1
33	Fibronectin Regulates Wnt7a Signaling and Satellite Cell Expansion. Cell Stem Cell, 2013, 12, 75-87.	5.2	289
34	Satellite Cells and the Muscle Stem Cell Niche. Physiological Reviews, 2013, 93, 23-67.	13.1	1,604
35	A Major Epigenetic Programming Mechanism Guided by piRNAs. Developmental Cell, 2013, 24, 502-516.	3.1	215
36	MicroRNA-133 Controls Brown Adipose Determination in Skeletal Muscle Satellite Cells by Targeting Prdm16. Cell Metabolism, 2013, 17, 210-224.	7.2	249

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37	miR-133a Regulates Adipocyte Browning In Vivo. PLoS Genetics, 2013, 9, e1003626.	1.5	118
38	Canonical Wnt Signaling Induces a Primitive Endoderm Metastable State in Mouse Embryonic Stem Cells. Stem Cells, 2013, 31, 752-764.	1.4	39
39	Comparative expression profiling identifies differential roles for Myogenin and p38Î± MAPK signaling in myogenesis. Journal of Molecular Cell Biology, 2012, 4, 386-397.	1.5	64
40	Snail Regulates MyoD Binding-Site Occupancy to Direct Enhancer Switching and Differentiation-Specific Transcription in Myogenesis. Molecular Cell, 2012, 47, 457-468.	4.5	163
41	Drosophila Piwi functions in Hsp90-mediated suppression of phenotypic variation. Nature Genetics, 2011, 43, 153-158.	9.4	155
42	A High-Resolution Whole-Genome Map of Key Chromatin Modifications in the Adult Drosophila melanogaster. PLoS Genetics, 2011, 7, e1002380.	1.5	51
43	MILI, a PIWI-interacting RNA-binding Protein, Is Required for Germ Line Stem Cell Self-renewal and Appears to Positively Regulate Translation. Journal of Biological Chemistry, 2009, 284, 6507-6519.	1.6	192
44	Computational Design of Peptides That Target Transmembrane Helices. Science, 2007, 315, 1817-1822.	6.0	271
45	Drosophila PIWI associates with chromatin and interacts directly with HP1a. Genes and Development, 2007, 21, 2300-2311.	2.7	305
46	An epigenetic activation role of Piwi and a Piwi-associated piRNA in Drosophila melanogaster. Nature, 2007, 450, 304-308.	13.7	392
47	Activation of Platelet Î±IIbÎ²3 by an Exogenous Peptide Corresponding to the Transmembrane Domain of Î±IIb*. Journal of Biological Chemistry, 2006, 281, 36732-36741.	1.6	49
48	The Leech Product Saratin Is a Potent Inhibitor of Both VWF and Integrin Î±2Î²1 Binding to Collagen.. Blood, 2006, 108, 3928-3928.	0.6	0