

Hang Yin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	3,926 citations	22 h-index	49 g-index
49 ext. papers	4,717 ext. citations	11.7 avg, IF	5.52 L-index

#	Paper	IF	Citations
48	Development of a novel miR-3648-related gene signature as a prognostic biomarker in esophageal adenocarcinoma.. <i>Annals of Translational Medicine</i> , 2021 , 9, 1702	3.2	0
47	Long-chain fatty acyl-CoA synthetase 1 promotes prostate cancer progression by elevation of lipogenesis and fatty acid beta-oxidation. <i>Oncogene</i> , 2021 , 40, 1806-1820	9.2	8
46	Lifelong Ulk1-Mediated Autophagy Deficiency in Muscle Induces Mitochondrial Dysfunction and Contractile Weakness. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
45	Multiplexed Analysis of Endogenous Guanidino Compounds Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case.. <i>Analytical Chemistry</i> , 2021 , 93, 16862-16872	7.8	0
44	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. <i>Nature Communications</i> , 2020 , 11, 2758	17.4	14
43	Mitochondrial-specific autophagy linked to mitochondrial dysfunction following traumatic freeze injury in mice. <i>American Journal of Physiology - Cell Physiology</i> , 2020 , 318, C242-C252	5.4	11
42	Generation of Functional Brown Adipocytes from Human Pluripotent Stem Cells via Progression through a Paraxial Mesoderm State. <i>Cell Stem Cell</i> , 2020 , 27, 784-797.e11	18	3
41	A Novel PET Probe for Brown Adipose Tissue Imaging in Rodents. <i>Molecular Imaging and Biology</i> , 2020 , 22, 675-684	3.8	6
40	Video-assisted thoracoscopic surgery right upper lobectomy after neoadjuvant targeted therapy. <i>Journal of Thoracic Disease</i> , 2019 , 11, 252-254	2.6	1
39	Lin28-mediated temporal promotion of protein synthesis is crucial for neural progenitor cell maintenance and brain development in mice. <i>Development (Cambridge)</i> , 2019 , 146,	6.6	12
38	Ectopic brown adipose tissue formation within skeletal muscle after brown adipose progenitor cell transplant augments energy expenditure. <i>FASEB Journal</i> , 2019 , 33, 8822-8835	0.9	1
37	Mitochondrial Dynamics: Biogenesis, Fission, Fusion, and Mitophagy in the Regulation of Stem Cell Behaviors. <i>Stem Cells International</i> , 2019 , 2019, 9757201	5	49
36	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. <i>Prostate</i> , 2019 , 79, 896-908	4.2	7
35	PGC-1 β overexpression partially rescues impaired oxidative and contractile pathophysiology following volumetric muscle loss injury. <i>Scientific Reports</i> , 2019 , 9, 4079	4.9	17
34	Transient p53 inhibition sensitizes aged white adipose tissue for beige adipocyte recruitment by blocking mitophagy. <i>FASEB Journal</i> , 2019 , 33, 844-856	0.9	13
33	NaCl Nanoparticles as a Cancer Therapeutic. <i>Advanced Materials</i> , 2019 , 31, e1904058	24	30
32	Atrial endocardial expression of von Willebrand factor and thrombomodulin is associated with recurrence after minimally invasive surgical atrial fibrillation ablation. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2018 , 27, 177-181	1.8	2

31	Th17/Treg Ratio in Serum Predicts Onset of Postoperative Atrial Fibrillation After Off-Pump Coronary Artery Bypass Graft Surgery. <i>Heart Lung and Circulation</i> , 2018 , 27, 1467-1475	1.8	3
30	Response gene to complement 32 suppresses adipose tissue thermogenic genes through inhibiting β -adrenergic receptor/mTORC1 signaling. <i>FASEB Journal</i> , 2018 , 32, 4836-4847	0.9	6
29	Cis-regulatory determinants of MyoD function. <i>Nucleic Acids Research</i> , 2018 , 46, 7221-7235	20.1	6
28	Transient HIF2A inhibition promotes satellite cell proliferation and muscle regeneration. <i>Journal of Clinical Investigation</i> , 2018 , 128, 2339-2355	15.9	25
27	Collaborating genomic, transcriptomic and microbiomic alterations lead to canine extreme intestinal polyposis. <i>Oncotarget</i> , 2018 , 9, 29162-29179	3.3	7
26	Fat spectral modeling on triglyceride composition quantification using chemical shift encoded magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2018 , 52, 84-93	3.3	5
25	MYC Controls Human Pluripotent Stem Cell Fate Decisions through Regulation of Metabolic Flux. <i>Cell Stem Cell</i> , 2017 , 21, 502-516.e9	18	72
24	DOCK2 deficiency mitigates HFD-induced obesity by reducing adipose tissue inflammation and increasing energy expenditure. <i>Journal of Lipid Research</i> , 2017 , 58, 1777-1784	6.3	6
23	Notch Signaling Rescues Loss of Satellite Cells Lacking Pax7 and Promotes Brown Adipogenic Differentiation. <i>Cell Reports</i> , 2016 , 16, 333-343	10.6	35
22	Stroke prevention following modified endoscopic ablation and appendectomy for atrial fibrillation. <i>Heart and Vessels</i> , 2016 , 31, 1529-36	2.1	4
21	Analysis of Important Gene Ontology Terms and Biological Pathways Related to Pancreatic Cancer. <i>BioMed Research International</i> , 2016 , 2016, 7861274	3	8
20	Control of glioblastoma tumorigenesis by feed-forward cytokine signaling. <i>Nature Neuroscience</i> , 2016 , 19, 798-806	25.5	62
19	Reassessment of Piwi binding to the genome and Piwi impact on RNA polymerase II distribution. <i>Developmental Cell</i> , 2015 , 32, 772-4	10.2	7
18	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. <i>Nature Medicine</i> , 2014 , 20, 1174-81	30.5	239
17	Chromatin immunoprecipitation assay of Piwi in Drosophila. <i>Methods in Molecular Biology</i> , 2014 , 1093, 1-11	1.4	0
16	Fibronectin regulates Wnt7a signaling and satellite cell expansion. <i>Cell Stem Cell</i> , 2013 , 12, 75-87	18	228
15	Satellite cells and the muscle stem cell niche. <i>Physiological Reviews</i> , 2013 , 93, 23-67	47.9	1105
14	A major epigenetic programming mechanism guided by piRNAs. <i>Developmental Cell</i> , 2013 , 24, 502-16	10.2	192

13	MicroRNA-133 controls brown adipose determination in skeletal muscle satellite cells by targeting Prdm16. <i>Cell Metabolism</i> , 2013 , 17, 210-24	24.6	205
12	miR-133a regulates adipocyte browning in vivo. <i>PLoS Genetics</i> , 2013 , 9, e1003626	6	97
11	Canonical Wnt signaling induces a primitive endoderm metastable state in mouse embryonic stem cells. <i>Stem Cells</i> , 2013 , 31, 752-64	5.8	30
10	Snail regulates MyoD binding-site occupancy to direct enhancer switching and differentiation-specific transcription in myogenesis. <i>Molecular Cell</i> , 2012 , 47, 457-68	17.6	130
9	Comparative expression profiling identifies differential roles for Myogenin and p38MAPK signaling in myogenesis. <i>Journal of Molecular Cell Biology</i> , 2012 , 4, 386-97	6.3	44
8	Drosophila Piwi functions in Hsp90-mediated suppression of phenotypic variation. <i>Nature Genetics</i> , 2011 , 43, 153-8	36.3	128
7	A high-resolution whole-genome map of key chromatin modifications in the adult Drosophila melanogaster. <i>PLoS Genetics</i> , 2011 , 7, e1002380	6	43
6	MILI, a PIWI-interacting RNA-binding protein, is required for germ line stem cell self-renewal and appears to positively regulate translation. <i>Journal of Biological Chemistry</i> , 2009 , 284, 6507-19	5.4	170
5	An epigenetic activation role of Piwi and a Piwi-associated piRNA in Drosophila melanogaster. <i>Nature</i> , 2007 , 450, 304-8	50.4	341
4	Computational design of peptides that target transmembrane helices. <i>Science</i> , 2007 , 315, 1817-22	33.3	240
3	Drosophila PIWI associates with chromatin and interacts directly with HP1a. <i>Genes and Development</i> , 2007 , 21, 2300-11	12.6	270
2	Activation of platelet alphaIIb beta3 by an exogenous peptide corresponding to the transmembrane domain of alphaIIb. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36732-41	5.4	42
1	The Leech Product Saratin Is a Potent Inhibitor of Both VWF and Integrin $\alpha 1 \beta 1$ Binding to Collagen.. <i>Blood</i> , 2006 , 108, 3928-3928	2.2	1