

Hang Yin

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

5,263
citations

236833

25
h-index

214721

47
g-index

49
all docs

49
docs citations

49
times ranked

7867
citing authors

#	ARTICLE	IF	CITATIONS
1	Satellite Cells and the Muscle Stem Cell Niche. <i>Physiological Reviews</i> , 2013, 93, 23-67.	13.1	1,604
2	An epigenetic activation role of Piwi and a Piwi-associated piRNA in <i>Drosophila melanogaster</i> . <i>Nature</i> , 2007, 450, 304-308.	13.7	392
3	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. <i>Nature Medicine</i> , 2014, 20, 1174-1181.	15.2	309
4	<i>Drosophila</i> PIWI associates with chromatin and interacts directly with HP1a. <i>Genes and Development</i> , 2007, 21, 2300-2311.	2.7	305
5	Fibronectin Regulates Wnt7a Signaling and Satellite Cell Expansion. <i>Cell Stem Cell</i> , 2013, 12, 75-87.	5.2	289
6	Computational Design of Peptides That Target Transmembrane Helices. <i>Science</i> , 2007, 315, 1817-1822.	6.0	271
7	MicroRNA-133 Controls Brown Adipose Determination in Skeletal Muscle Satellite Cells by Targeting Prdm16. <i>Cell Metabolism</i> , 2013, 17, 210-224.	7.2	249
8	A Major Epigenetic Programming Mechanism Guided by piRNAs. <i>Developmental Cell</i> , 2013, 24, 502-516.	3.1	215
9	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, 6507-6519.	1.6	192
10	Snail Regulates MyoD Binding-Site Occupancy to Direct Enhancer Switching and Differentiation-Specific Transcription in Myogenesis. <i>Molecular Cell</i> , 2012, 47, 457-468.	4.5	163
11	<i>Drosophila</i> Piwi functions in Hsp90-mediated suppression of phenotypic variation. <i>Nature Genetics</i> , 2011, 43, 153-158.	9.4	155
12	miR-133a Regulates Adipocyte Browning In Vivo. <i>PLoS Genetics</i> , 2013, 9, e1003626.	1.5	118
13	MYC Controls Human Pluripotent Stem Cell Fate Decisions through Regulation of Metabolic Flux. <i>Cell Stem Cell</i> , 2017, 21, 502-516.e9.	5.2	113
14	Mitochondrial Dynamics: Biogenesis, Fission, Fusion, and Mitophagy in the Regulation of Stem Cell Behaviors. <i>Stem Cells International</i> , 2019, 2019, 1-15.	1.2	97
15	Control of glioblastoma tumorigenesis by feed-forward cytokine signaling. <i>Nature Neuroscience</i> , 2016, 19, 798-806.	7.1	82
16	NaCl Nanoparticles as a Cancer Therapeutic. <i>Advanced Materials</i> , 2019, 31, e1904058.	11.1	74
17	Comparative expression profiling identifies differential roles for Myogenin and p38 ^{MAPK} signaling in myogenesis. <i>Journal of Molecular Cell Biology</i> , 2012, 4, 386-397.	1.5	64
18	Transient HIF2A inhibition promotes satellite cell proliferation and muscle regeneration. <i>Journal of Clinical Investigation</i> , 2018, 128, 2339-2355.	3.9	52

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19	A High-Resolution Whole-Genome Map of Key Chromatin Modifications in the Adult <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2011, 7, e1002380.	1.5	51
20	Activation of Platelet $\alpha\text{IIb}\beta_3$ by an Exogenous Peptide Corresponding to the Transmembrane Domain of $\alpha\text{IIb}\beta_3$. <i>Journal of Biological Chemistry</i> , 2006, 281, 36732-36741.	1.6	49
21	Notch Signaling Rescues Loss of Satellite Cells Lacking Pax7 and Promotes Brown Adipogenic Differentiation. <i>Cell Reports</i> , 2016, 16, 333-343.	2.9	44
22	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.	2.6	43
23	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. <i>Nature Communications</i> , 2020, 11, 2758.	5.8	40
24	Canonical Wnt Signaling Induces a Primitive Endoderm Metastable State in Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2013, 31, 752-764.	1.4	39
25	PGC-1 α overexpression partially rescues impaired oxidative and contractile pathophysiology following volumetric muscle loss injury. <i>Scientific Reports</i> , 2019, 9, 4079.	1.6	33
26	Lin28-mediated promotion of protein synthesis is critical for neural progenitor cell maintenance and brain development in mice. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	23
27	Transient p53 inhibition sensitizes aged white adipose tissue for beige adipocyte recruitment by blocking mitophagy. <i>FASEB Journal</i> , 2019, 33, 844-856.	0.2	21
28	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.	2.1	19
29	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.	2.0	16
30	Collaborating genomic, transcriptomic and microbiomic alterations lead to canine extreme intestinal polyposis. <i>Oncotarget</i> , 2018, 9, 29162-29179.	0.8	16
31	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.	5.2	15
32	Lifelong Ulk1-Mediated Autophagy Deficiency in Muscle Induces Mitochondrial Dysfunction and Contractile Weakness. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1937.	1.8	14
33	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. <i>Prostate</i> , 2019, 79, 896-908.	1.2	13
34	Analysis of Important Gene Ontology Terms and Biological Pathways Related to Pancreatic Cancer. <i>BioMed Research International</i> , 2016, 2016, 1-10.	0.9	12
35	Cis-regulatory determinants of MyoD function. <i>Nucleic Acids Research</i> , 2018, 46, 7221-7235.	6.5	11
36	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.	0.2	10

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37	Reassessment of Piwi Binding to the Genome and Piwi Impact on RNA Polymerase II Distribution. <i>Developmental Cell</i> , 2015, 32, 772-774.	3.1	9
38	Response gene to complement 32 suppresses adipose tissue thermogenic genes through inhibiting α 3-adrenergic receptor/mTORC1 signaling. <i>FASEB Journal</i> , 2018, 32, 4836-4847.	0.2	8
39	A Novel PET Probe for Brown Adipose Tissue Imaging in Rodents. <i>Molecular Imaging and Biology</i> , 2020, 22, 675-684.	1.3	8
40	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.	0.2	7
41	Fat spectral modeling on triglyceride composition quantification using chemical shift encoded magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , 2018, 52, 84-93.	1.0	5
42	Stroke prevention following modified endoscopic ablation and appendectomy for atrial fibrillation. <i>Heart and Vessels</i> , 2016, 31, 1529-1536.	0.5	4
43	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.	0.5	4
44	Development of a novel miR-3648-related gene signature as a prognostic biomarker in esophageal adenocarcinoma. <i>Annals of Translational Medicine</i> , 2021, 9, 1702-1702.	0.7	2
45	Video-assisted thoracoscopic surgery right upper lobectomy after neoadjuvant targeted therapy. <i>Journal of Thoracic Disease</i> , 2019, 11, 252-254.	0.6	1
46	Chromatin Immunoprecipitation Assay of Piwi in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2014, 1093, 1-11.	0.4	1
47	Multiplexed Analysis of Endogenous Guanidino Compounds via Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case. <i>Analytical Chemistry</i> , 2021, 93, 16862-16872.	3.2	1
48	The Leech Product Saratin Is a Potent Inhibitor of Both VWF and Integrin α 2 β 1 Binding to Collagen.. <i>Blood</i> , 2006, 108, 3928-3928.	0.6	0