

List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/6999034/hang-yin-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
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	Satellite cells and the muscle stem cell niche. <i>Physiological Reviews</i> , <b>2013</b> , 93, 23-67	47.9	1105
47	An epigenetic activation role of Piwi and a Piwi-associated piRNA in <i>Drosophila melanogaster</i> . <i>Nature</i> , <b>2007</b> , 450, 304-8	50.4	341
46	<i>Drosophila</i> PIWI associates with chromatin and interacts directly with HP1a. <i>Genes and Development</i> , <b>2007</b> , 21, 2300-11	12.6	270
45	Computational design of peptides that target transmembrane helices. <i>Science</i> , <b>2007</b> , 315, 1817-22	33.3	240
44	Inhibition of JAK-STAT signaling stimulates adult satellite cell function. <i>Nature Medicine</i> , <b>2014</b> , 20, 1174-81	30.5	239
43	Fibronectin regulates Wnt7a signaling and satellite cell expansion. <i>Cell Stem Cell</i> , <b>2013</b> , 12, 75-87	18	228
42	MicroRNA-133 controls brown adipose determination in skeletal muscle satellite cells by targeting Prdm16. <i>Cell Metabolism</i> , <b>2013</b> , 17, 210-24	24.6	205
41	A major epigenetic programming mechanism guided by piRNAs. <i>Developmental Cell</i> , <b>2013</b> , 24, 502-16	10.2	192
40	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> , <b>2009</b> , 284, 6507-19	5.4	170
39	Snail regulates MyoD binding-site occupancy to direct enhancer switching and differentiation-specific transcription in myogenesis. <i>Molecular Cell</i> , <b>2012</b> , 47, 457-68	17.6	130
38	<i>Drosophila</i> Piwi functions in Hsp90-mediated suppression of phenotypic variation. <i>Nature Genetics</i> , <b>2011</b> , 43, 153-8	36.3	128
37	miR-133a regulates adipocyte browning in vivo. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003626	6	97
36	MYC Controls Human Pluripotent Stem Cell Fate Decisions through Regulation of Metabolic Flux. <i>Cell Stem Cell</i> , <b>2017</b> , 21, 502-516.e9	18	72
35	Control of glioblastoma tumorigenesis by feed-forward cytokine signaling. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 798-806	25.5	62
34	Mitochondrial Dynamics: Biogenesis, Fission, Fusion, and Mitophagy in the Regulation of Stem Cell Behaviors. <i>Stem Cells International</i> , <b>2019</b> , 2019, 9757201	5	49
33	Comparative expression profiling identifies differential roles for Myogenin and p38MAPK signaling in myogenesis. <i>Journal of Molecular Cell Biology</i> , <b>2012</b> , 4, 386-97	6.3	44
32	A high-resolution whole-genome map of key chromatin modifications in the adult <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , <b>2011</b> , 7, e1002380	6	43

31	Activation of platelet $\alpha$ IIb $\beta$ 3 by an exogenous peptide corresponding to the transmembrane domain of $\alpha$ IIb. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 36732-41	5.4	42
30	Notch Signaling Rescues Loss of Satellite Cells Lacking Pax7 and Promotes Brown Adipogenic Differentiation. <i>Cell Reports</i> , <b>2016</b> , 16, 333-343	10.6	35
29	NaCl Nanoparticles as a Cancer Therapeutic. <i>Advanced Materials</i> , <b>2019</b> , 31, e1904058	24	30
28	Canonical Wnt signaling induces a primitive endoderm metastable state in mouse embryonic stem cells. <i>Stem Cells</i> , <b>2013</b> , 31, 752-64	5.8	30
27	Transient HIF2A inhibition promotes satellite cell proliferation and muscle regeneration. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 2339-2355	15.9	25
26	PGC-1 $\beta$ overexpression partially rescues impaired oxidative and contractile pathophysiology following volumetric muscle loss injury. <i>Scientific Reports</i> , <b>2019</b> , 9, 4079	4.9	17
25	Human beige adipocytes for drug discovery and cell therapy in metabolic diseases. <i>Nature Communications</i> , <b>2020</b> , 11, 2758	17.4	14
24	Transient p53 inhibition sensitizes aged white adipose tissue for beige adipocyte recruitment by blocking mitophagy. <i>FASEB Journal</i> , <b>2019</b> , 33, 844-856	0.9	13
23	Lin28-mediated temporal promotion of protein synthesis is crucial for neural progenitor cell maintenance and brain development in mice. <i>Development (Cambridge)</i> , <b>2019</b> , 146,	6.6	12
22	Mitochondrial-specific autophagy linked to mitochondrial dysfunction following traumatic freeze injury in mice. <i>American Journal of Physiology - Cell Physiology</i> , <b>2020</b> , 318, C242-C252	5.4	11
21	Analysis of Important Gene Ontology Terms and Biological Pathways Related to Pancreatic Cancer. <i>BioMed Research International</i> , <b>2016</b> , 2016, 7861274	3	8
20	Long-chain fatty acyl-CoA synthetase 1 promotes prostate cancer progression by elevation of lipogenesis and fatty acid beta-oxidation. <i>Oncogene</i> , <b>2021</b> , 40, 1806-1820	9.2	8
19	Dietary palmitate cooperates with Src kinase to promote prostate tumor progression. <i>Prostate</i> , <b>2019</b> , 79, 896-908	4.2	7
18	Reassessment of Piwi binding to the genome and Piwi impact on RNA polymerase II distribution. <i>Developmental Cell</i> , <b>2015</b> , 32, 772-4	10.2	7
17	Collaborating genomic, transcriptomic and microbiomic alterations lead to canine extreme intestinal polyposis. <i>Oncotarget</i> , <b>2018</b> , 9, 29162-29179	3.3	7
16	Response gene to complement 32 suppresses adipose tissue thermogenic genes through inhibiting $\beta$ -adrenergic receptor/mTORC1 signaling. <i>FASEB Journal</i> , <b>2018</b> , 32, 4836-4847	0.9	6
15	Cis-regulatory determinants of MyoD function. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 7221-7235	20.1	6
14	DOCK2 deficiency mitigates HFD-induced obesity by reducing adipose tissue inflammation and increasing energy expenditure. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 1777-1784	6.3	6

13	A Novel PET Probe for Brown Adipose Tissue Imaging in Rodents. <i>Molecular Imaging and Biology</i> , <b>2020</b> , 22, 675-684	3.8	6
12	Fat spectral modeling on triglyceride composition quantification using chemical shift encoded magnetic resonance imaging. <i>Magnetic Resonance Imaging</i> , <b>2018</b> , 52, 84-93	3.3	5
11	Stroke prevention following modified endoscopic ablation and appendectomy for atrial fibrillation. <i>Heart and Vessels</i> , <b>2016</b> , 31, 1529-36	2.1	4
10	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> , <b>2018</b> , 27, 1467-1475	1.8	3
9	Generation of Functional Brown Adipocytes from Human Pluripotent Stem Cells via Progression through a Paraxial Mesoderm State. <i>Cell Stem Cell</i> , <b>2020</b> , 27, 784-797.e11	1.8	3
8	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> , <b>2018</b> , 27, 177-181	1.8	2
7	Video-assisted thoracoscopic surgery right upper lobectomy after neoadjuvant targeted therapy. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 252-254	2.6	1
6	Ectopic brown adipose tissue formation within skeletal muscle after brown adipose progenitor cell transplant augments energy expenditure. <i>FASEB Journal</i> , <b>2019</b> , 33, 8822-8835	0.9	1
5	The Leech Product Saratin Is a Potent Inhibitor of Both VWF and Integrin $\alpha$ Binding to Collagen.. <i>Blood</i> , <b>2006</b> , 108, 3928-3928	2.2	1
4	Lifelong Ulk1-Mediated Autophagy Deficiency in Muscle Induces Mitochondrial Dysfunction and Contractile Weakness. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
3	Development of a novel miR-3648-related gene signature as a prognostic biomarker in esophageal adenocarcinoma.. <i>Annals of Translational Medicine</i> , <b>2021</b> , 9, 1702	3.2	0
2	Chromatin immunoprecipitation assay of Piwi in Drosophila. <i>Methods in Molecular Biology</i> , <b>2014</b> , 1093, 1-11	1.4	0
1	Multiplexed Analysis of Endogenous Guanidino Compounds Isotope-Coded Doubly Charged Labeling: Application to Lung Cancer Tissues as a Case.. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 16862-16872	7.8	0