

Hongbo Yang

List of Publications by Year in descending order

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18
papers

2,079
citations

567281

15
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

5720
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenomic Analysis of Multilineage Differentiation of Human Embryonic Stem Cells. <i>Cell</i> , 2013, 153, 1134-1148.	28.9	689
2	Integrative detection and analysis of structural variation in cancer genomes. <i>Nature Genetics</i> , 2018, 50, 1388-1398.	21.4	268
3	In vivo cardiac reprogramming contributes to zebrafish heart regeneration. <i>Nature</i> , 2013, 498, 497-501.	27.8	229
4	Integrative analysis of haplotype-resolved epigenomes across human tissues. <i>Nature</i> , 2015, 518, 350-354.	27.8	201
5	Inactivating mutations in MFSD2A, required for omega-3 fatty acid transport in brain, cause a lethal microcephaly syndrome. <i>Nature Genetics</i> , 2015, 47, 809-813.	21.4	180
6	An integrative ENCODE resource for cancer genomics. <i>Nature Communications</i> , 2020, 11, 3696.	12.8	95
7	A map of cis-regulatory elements and 3D genome structures in zebrafish. <i>Nature</i> , 2020, 588, 337-343.	27.8	80
8	Shear Stress-Activated Wnt-Angiopoietin-2 Signaling Recapitulates Vascular Repair in Zebrafish Embryos. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2268-2275.	2.4	58
9	Genome-wide mapping of human DNA replication by optical replication mapping supports a stochastic model of eukaryotic replication. <i>Molecular Cell</i> , 2021, 81, 2975-2988.e6.	9.7	57
10	Converse Conformational Control of Smoothed Activity by Structurally Related Small Molecules. <i>Journal of Biological Chemistry</i> , 2009, 284, 20876-20884.	3.4	51
11	UBIAD1-mediated vitamin K2 synthesis is required for vascular endothelial cell survival and development. <i>Development (Cambridge)</i> , 2013, 140, 1713-1719.	2.5	45
12	Subtype-associated epigenomic landscape and 3D genome structure in bladder cancer. <i>Genome Biology</i> , 2021, 22, 105.	8.8	29
13	Guide Positioning Sequencing identifies aberrant DNA methylation patterns that alter cell identity and tumor-immune surveillance networks. <i>Genome Research</i> , 2019, 29, 270-280.	5.5	25
14	Enhancer selection dictates gene expression responses in remote organs during tissue regeneration. <i>Nature Cell Biology</i> , 2022, 24, 685-696.	10.3	22
15	The atypical Rho GTPase, RhoU, regulates cell-adhesion molecules during cardiac morphogenesis. <i>Developmental Biology</i> , 2014, 389, 182-191.	2.0	19
16	Polo-like kinase 2 regulates angiogenic sprouting and blood vessel development. <i>Developmental Biology</i> , 2015, 404, 49-60.	2.0	14
17	Nontarget and high-throughput screening of pesticides and metabolites residues in tea using ultra-high-performance liquid chromatography and quadrupole-orbitrap high-resolution mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> . 2021, 1179, 122847.	2.3	11
18	Cardiac function modulates endocardial cell dynamics to shape the cardiac outflow tract. <i>Development (Cambridge)</i> , 2020, 147, .	2.5	6