

Yung-Chih Lai

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

695
citations

687363

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713466

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docs citations

22
times ranked

1031
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylation and PTEN activation in dental pulp mesenchymal stem cells promotes osteogenesis and reduces oncogenesis. <i>Nature Communications</i> , 2019, 10, 2226.	12.8	102
2	Self-organization process in newborn skin organoid formation inspires strategy to restore hair regeneration of adult cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7101-E7110.	7.1	94
3	Topographical mapping of β - and β -keratins on developing chicken skin integuments: Functional interaction and evolutionary perspectives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6770-9.	7.1	74
4	Determinism of bacterial metacommunity dynamics in the southern East China Sea varies depending on hydrography. <i>Ecography</i> , 2015, 38, 198-212.	4.5	61
5	Variation of coat color in house mice throughout Asia. <i>Journal of Zoology</i> , 2008, 274, 270-276.	1.7	50
6	Multiple Regulatory Modules Are Required for Scale-to-Feather Conversion. <i>Molecular Biology and Evolution</i> , 2018, 35, 417-430.	8.9	46
7	Phylogeography of Chinese house mice (<i>Mus musculus musculus/castaneus</i>): distribution, routes of colonization and geographic regions of hybridization. <i>Molecular Ecology</i> , 2014, 23, 4387-4405.	3.9	41
8	Instructive role of melanocytes during pigment pattern formation of the avian skin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6884-6890.	7.1	36
9	Spatial heterogeneity of gut microbiota reveals multiple bacterial communities with distinct characteristics. <i>Scientific Reports</i> , 2014, 4, 6185.	3.3	35
10	A Skeletochronological Study on a Subtropical, Riparian Ranid (<i>Rana swinhoana</i>) from Different Elevations in Taiwan. <i>Zoological Science</i> , 2005, 22, 653-658.	0.7	32
11	Comprehensive molecular and cellular studies suggest avian scutate scales are secondarily derived from feathers, and more distant from reptilian scales. <i>Scientific Reports</i> , 2018, 8, 16766.	3.3	22
12	Deciphering principles of morphogenesis from temporal and spatial patterns on the integument. <i>Developmental Dynamics</i> , 2015, 244, 905-920.	1.8	21
13	Folding Keratin Gene Clusters during Skin Regional Specification. <i>Developmental Cell</i> , 2020, 53, 561-576.e9.	7.0	18
14	Impact of biology laboratory courses on students' science performance and views about laboratory courses in general: innovative measurements and analyses. <i>Journal of Biological Education</i> , 2012, 46, 173-179.	1.5	13
15	Morpho-regulation in diverse chicken feather formation: Integrating branching modules and sex hormone-dependent morpho-regulatory modules. <i>Development Growth and Differentiation</i> , 2019, 61, 124-138.	1.5	13
16	Human Fetal Scalp Dermal Papilla Enriched Genes and the Role of R-Spondin-1 in the Restoration of Hair Neogenesis in Adult Mouse Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 583434.	3.7	11
17	Population Patterns of a Riparian Frog (<i>Rana swinhoana</i>) Before and After an Earthquake in Subtropical Taiwan. <i>Biotropica</i> , 2007, 39, 731-736.	1.6	8
18	Transcriptome analyses of reprogrammed feather / scale chimeric explants revealed co-expressed epithelial gene networks during organ specification. <i>BMC Genomics</i> , 2018, 19, 780.	2.8	7

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19	Regional specific differentiation of integumentary organs: <sc>SATB2</sc> is involved in β -keratin gene cluster switching in the chicken. <i>Developmental Dynamics</i> , 2022, 251, 1490-1508.	1.8	4
20	Regional Specific Differentiation of Integumentary Organs: Regulation of Gene Clusters within the Avian Epidermal Differentiation Complex and Impacts of SATB2 Overexpression. <i>Genes</i> , 2021, 12, 1291.	2.4	4
21	PP2A Deficiency Enhances Carcinogenesis of Lgr5+ Intestinal Stem Cells Both in Organoids and In Vivo. <i>Cells</i> , 2020, 9, 90.	4.1	3
22	Systems Biology Analyses in Chicken: Workflow for Transcriptome and CHIP-Seq Analyses Using the Chicken Skin Paradigm. <i>Methods in Molecular Biology</i> , 2017, 1650, 87-100.	0.9	0