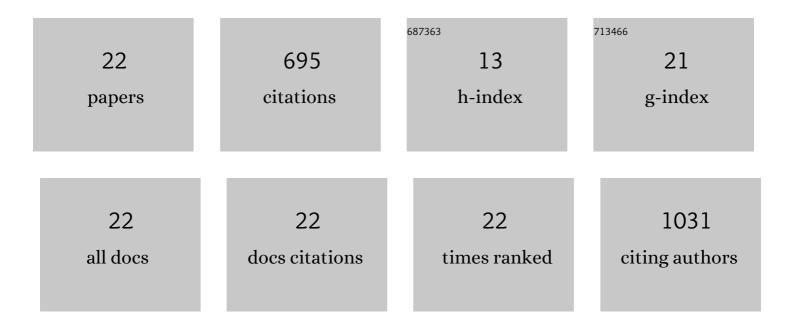
Yung-Chih Lai

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7760809/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Methylation and PTEN activation in dental pulp mesenchymal stem cells promotes osteogenesis and reduces oncogenesis. Nature Communications, 2019, 10, 2226.	12.8	102
2	Self-organization process in newborn skin organoid formation inspires strategy to restore hair regeneration of adult cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E7101-E7110.	7.1	94
3	Topographical mapping of α- and β-keratins on developing chicken skin integuments: Functional interaction and evolutionary perspectives. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E6770-9.	7.1	74
4	Determinism of bacterial metacommunity dynamics in the southern East China Sea varies depending on hydrography. Ecography, 2015, 38, 198-212.	4.5	61
5	Variation of coat color in house mice throughout Asia. Journal of Zoology, 2008, 274, 270-276.	1.7	50
6	Multiple Regulatory Modules Are Required for Scale-to-Feather Conversion. Molecular Biology and Evolution, 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. Molecular Ecology, 2014, 23, 4387-4405.	3.9	41
8	Instructive role of melanocytes during pigment pattern formation of the avian skin. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 6884-6890.	7.1	36
9	Spatial heterogeneity of gut microbiota reveals multiple bacterial communities with distinct characteristics. Scientific Reports, 2014, 4, 6185.	3.3	35
10	A Skeletochronological Study on a Subtropical, Riparian Ranid (Rana swinhoana) from Different Elevations in Taiwan. Zoological Science, 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. Scientific Reports, 2018, 8, 16766.	3.3	22
12	Deciphering principles of morphogenesis from temporal and spatial patterns on the integument. Developmental Dynamics, 2015, 244, 905-920.	1.8	21
13	Folding Keratin Gene Clusters during Skin Regional Specification. Developmental Cell, 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. Journal of Biological Education, 2012, 46, 173-179.	1.5	13
15	Morphoâ€regulation in diverse chicken feather formation: Integrating branching modules and sex hormoneâ€dependent morphoâ€regulatory modules. Development Growth and Differentiation, 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. Frontiers in Cell and Developmental Biology, 2020, 8, 583434.	3.7	11
17	Population Patterns of a Riparian Frog (Rana swinhoana) Before and After an Earthquake in Subtropical Taiwan. Biotropica, 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. BMC Genomics, 2018, 19, 780.	2.8	7

Yung-Chih Lai

#	Article	IF	CITATIONS
19	Regional specific differentiation of integumentary organs: <scp>SATB2</scp> is involved in α―and βâ€keratin gene cluster switching in the chicken. Developmental Dynamics, 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. Genes, 2021, 12, 1291.	2.4	4
21	PP2A Deficiency Enhances Carcinogenesis of Lgr5+ Intestinal Stem Cells Both in Organoids and In Vivo. Cells, 2020, 9, 90.	4.1	3
22	Systems Biology Analyses in Chicken: Workflow for Transcriptome and ChIP-Seq Analyses Using the Chicken Skin Paradigm. Methods in Molecular Biology, 2017, 1650, 87-100.	0.9	0