# Yung-Chih Lai

List of Publications by Year
in descending order



| 22 | 695 | 687363 13 | 713466 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 22 | 22 | 22 | 1031 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Regional specific differentiation of integumentary organs: <scp>SATB2</scp> is involved in Î±â€•and Î²â€keratin gene cluster switching in the chicken. Developmental Dynamics, 2022, 251, 1490-1508. | 1.8 | 4 |
| 2 | 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 |
| 3 | PP2A Deficiency Enhances Carcinogenesis of Lgr5+ Intestinal Stem Cells Both in Organoids and In Vivo. Cells, 2020, 9, 90. | 4.1 | 3 |
| 4 | 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 |
| 5 | Folding Keratin Gene Clusters during Skin Regional Specification. Developmental Cell, 2020, 53, 561-576.e9. | 7.0 | 18 |
| 6 | Methylation and PTEN activation in dental pulp mesenchymal stem cells promotes osteogenesis and reduces oncogenesis. Nature Communications, 2019, 10, 2226. | 12.8 | 102 |
| 7 | 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 |
| 8 | 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 |
| 9 | Multiple Regulatory Modules Are Required for Scale-to-Feather Conversion. Molecular Biology and Evolution, 2018, 35, 417-430. | 8.9 | 46 |
| 10 | 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 |
| 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 | 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 |
| 13 | 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 |
| 14 | Deciphering principles of morphogenesis from temporal and spatial patterns on the integument. Developmental Dynamics, 2015, 244, 905-920. | 1.8 | 21 |
| 15 | Determinism of bacterial metacommunity dynamics in the southern East China Sea varies depending on hydrography. Ecography, 2015, 38, 198-212. | 4.5 | 61 |
| 16 | Topographical mapping of Î±- and Î²-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 |
| 17 | Phylogeography of Chinese house mice (Mus musculus musculus/castaneus): distribution, routes of colonization and geographic regions of hybridization. Molecular Ecology, 2014, 23, 4387-4405. | 3.9 | 41 |
| 18 | Spatial heterogeneity of gut microbiota reveals multiple bacterial communities with distinct characteristics. Scientific Reports, 2014, 4, 6185. | 3.3 | 35 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | 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 |
| 20 | Variation of coat color in house mice throughout Asia. Journal of Zoology, 2008, 274, 270-276. | 1.7 | 50 |
| 21 | Population Patterns of a Riparian Frog (Rana swinhoana) Before and After an Earthquake in Subtropical Taiwan. Biotropica, 2007, 39, 731-736. | 1.6 | 8 |
| 22 | A Skeletochronological Study on a Subtropical, Riparian Ranid (Rana swinhoana) from Different Elevations in Taiwan. Zoological Science, 2005, 22, 653-658. | 0.7 | 32 |