

# Cai Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1361842/publications.pdf>

Version: 2024-02-01

26  
papers

5,467  
citations

279798

23  
h-index

552781

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

7418  
citing authors

| #  | ARTICLE                                                                                                                                                                                                   | IF   | CITATIONS |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1  | Whole-genome analyses resolve early branches in the tree of life of modern birds. <i>Science</i> , 2014, 346, 1320-1331.                                                                                  | 12.6 | 1,583     |
| 2  | Comparative genomics reveals insights into avian genome evolution and adaptation. <i>Science</i> , 2014, 346, 1311-1320.                                                                                  | 12.6 | 895       |
| 3  | Genomic Comparison of the Ants <i>Camponotus floridanus</i> and <i>Harpegnathos saltator</i> . <i>Science</i> , 2010, 329, 1068-1071.                                                                     | 12.6 | 420       |
| 4  | Molecular traces of alternative social organization in a termite genome. <i>Nature Communications</i> , 2014, 5, 3636.                                                                                    | 12.8 | 371       |
| 5  | Genomic signatures of evolutionary transitions from solitary to group living. <i>Science</i> , 2015, 348, 1139-1143.                                                                                      | 12.6 | 357       |
| 6  | Complementary symbiont contributions to plant decomposition in a fungus-farming termite. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14500-14505. | 7.1  | 243       |
| 7  | Temporal Dynamics of Avian Populations during Pleistocene Revealed by Whole-Genome Sequences. <i>Current Biology</i> , 2015, 25, 1375-1380.                                                               | 3.9  | 243       |
| 8  | The genome of the leaf-cutting ant <i>Acromyrmex echinator</i> suggests key adaptations to advanced social life and fungus farming. <i>Genome Research</i> , 2011, 21, 1339-1348.                         | 5.5  | 210       |
| 9  | The Genome of the Clonal Raider Ant <i>Cerapachys biroi</i> . <i>Current Biology</i> , 2014, 24, 451-458.                                                                                                 | 3.9  | 143       |
| 10 | Comparative genomic data of the Avian Phylogenomics Project. <i>GigaScience</i> , 2014, 3, 26.                                                                                                            | 6.4  | 117       |
| 11 | Reciprocal genomic evolution in the ant–fungus agricultural symbiosis. <i>Nature Communications</i> , 2016, 7, 12233.                                                                                     | 12.8 | 106       |
| 12 | The Genomic Footprints of the Fall and Recovery of the Crested Ibis. <i>Current Biology</i> , 2019, 29, 340-349.e7.                                                                                       | 3.9  | 94        |
| 13 | Olfactory Receptor Subgenomes Linked with Broad Ecological Adaptations in Sauropsida. <i>Molecular Biology and Evolution</i> , 2015, 32, 2832-2843.                                                       | 8.9  | 73        |
| 14 | The draft genome of a socially polymorphic halictid bee, <i>Lasioglossum albipes</i> . <i>Genome Biology</i> , 2013, 14, R142.                                                                            | 9.6  | 72        |
| 15 | Two Antarctic penguin genomes reveal insights into their evolutionary history and molecular changes related to the Antarctic environment. <i>GigaScience</i> , 2014, 3, 27.                               | 6.4  | 72        |
| 16 | Phylogenomic analyses data of the avian phylogenomics project. <i>GigaScience</i> , 2015, 4, 4.                                                                                                           | 6.4  | 72        |
| 17 | Novel Insights into Chromosome Evolution in Birds, Archosaurs, and Reptiles. <i>Genome Biology and Evolution</i> , 2016, 8, 2442-2451.                                                                    | 2.5  | 66        |
| 18 | Functional roles of Aves class-specific cis-regulatory elements on macroevolution of bird-specific features. <i>Nature Communications</i> , 2017, 8, 14229.                                               | 12.8 | 61        |

| #  | ARTICLE                                                                                                                                                                                                       | IF   | CITATIONS |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 19 | A genomic comparison of two termites with different social complexity. <i>Frontiers in Genetics</i> , 2015, 6, 9.                                                                                             | 2.3  | 60        |
| 20 | Developmental plasticity shapes social traits and selection in a facultatively eusocial bee. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 13615-13625. | 7.1  | 37        |
| 21 | The Nuclear and Mitochondrial Genomes of the Facultatively Eusocial Orchid Bee <i>Euglossa dilemma</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2891-2898.                                            | 1.8  | 35        |
| 22 | The genome of the largest bony fish, ocean sunfish ( <i>Mola mola</i> ), provides insights into its fast growth rate. <i>GigaScience</i> , 2016, 5, 36.                                                       | 6.4  | 32        |
| 23 | Nucleosome positioning stability is a modulator of germline mutation rate variation across the human genome. <i>Nature Communications</i> , 2020, 11, 1363.                                                   | 12.8 | 29        |
| 24 | Improving the ostrich genome assembly using optical mapping data. <i>GigaScience</i> , 2015, 4, 24.                                                                                                           | 6.4  | 28        |
| 25 | Integrated analysis sheds light on evolutionary trajectories of young transcription start sites in the human genome. <i>Genome Research</i> , 2018, 28, 676-688.                                              | 5.5  | 22        |
| 26 | Draft Genome Assembly and Population Genetics of an Agricultural Pollinator, the Solitary Alkali Bee ( <i>Halictidae: Nomia melanderi</i> ). <i>G3: Genes, Genomes, Genetics</i> , 2019, 9, 625-634.          | 1.8  | 19        |