

Igor Schneider

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6724594/publications.pdf>

Version: 2024-02-01

30
papers

1,983
citations

567281

15
h-index

477307

29
g-index

36
all docs

36
docs citations

36
times ranked

3014
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | The African coelacanth genome provides insights into tetrapod evolution. <i>Nature</i> , 2013, 496, 311-316. | 27.8 | 612 |
| 2 | The spotted gar genome illuminates vertebrate evolution and facilitates human-teleost comparisons. <i>Nature Genetics</i> , 2016, 48, 427-437. | 21.4 | 545 |
| 3 | Deep conservation of wrist and digit enhancers in fish. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 803-808. | 7.1 | 121 |
| 4 | A Chemical and Genetic Approach to the Mode of Action of Fumagillin. <i>Chemistry and Biology</i> , 2006, 13, 1001-1009. | 6.0 | 86 |
| 5 | The origin of the tetrapod limb: from expeditions to enhancers. <i>Trends in Genetics</i> , 2013, 29, 419-426. | 6.7 | 73 |
| 6 | A conserved Shh cis-regulatory module highlights a common developmental origin of unpaired and paired fins. <i>Nature Genetics</i> , 2018, 50, 504-509. | 21.4 | 72 |
| 7 | Calcium fluxes in dorsal forerunner cells antagonize β -catenin and alter left-right patterning. <i>Development (Cambridge)</i> , 2008, 135, 75-84. | 2.5 | 61 |
| 8 | Appendage expression driven by the <i>Hoxd</i> Global Control Region is an ancient gnathostome feature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 12782-12786. | 7.1 | 58 |
| 9 | Tetrapod limb and sarcopterygian fin regeneration share a core genetic programme. <i>Nature Communications</i> , 2016, 7, 13364. | 12.8 | 52 |
| 10 | Deep evolutionary origin of limb and fin regeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 15106-15115. | 7.1 | 46 |
| 11 | Zebrafish Nkd1 promotes Dvl degradation and is required for left-right patterning. <i>Developmental Biology</i> , 2010, 348, 22-33. | 2.0 | 42 |
| 12 | Molecular mechanisms underlying the exceptional adaptations of batoid fins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15940-15945. | 7.1 | 39 |
| 13 | Calcium dynamics integrated into signalling pathways that influence vertebrate axial patterning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2008, 363, 1377-1385. | 4.0 | 27 |
| 14 | von Willebrand factor D and EGF domains is an evolutionarily conserved and required feature of blastemas capable of multitissue appendage regeneration. <i>Evolution & Development</i> , 2020, 22, 297-311. | 2.0 | 25 |
| 15 | Organogenesis in deep time: A problem in genomics, development, and paleontology. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4871-4876. | 7.1 | 23 |
| 16 | Fins into limbs: Recent insights from sarcopterygian fish. <i>Genesis</i> , 2018, 56, e23052. | 1.6 | 20 |
| 17 | Noncanonical <i>Hox</i> , <i>Etv4</i> , and <i>Gli3</i> gene activities give insight into unique limb patterning in salamanders. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2018, 330, 138-147. | 1.3 | 11 |
| 18 | Globin E is a myoglobin-related, respiratory protein highly expressed in lungfish oocytes. <i>Scientific Reports</i> , 2019, 9, 280. | 3.3 | 11 |

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|----|---|-----|-----------|
| 19 | Salamander-like tail regeneration in the West African lungfish. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192939. | 2.6 | 9 |
| 20 | Evolution: The deep genetic roots of tetrapod-specific traits. Current Biology, 2021, 31, R467-R469. | 3.9 | 7 |
| 21 | Genetic and functional diversity of the multiple lungfish myoglobins. FEBS Journal, 2020, 287, 1598-1611. | 4.7 | 6 |
| 22 | The prion protein and New World primate phylogeny. Genetics and Molecular Biology, 2004, 27, 505-510. | 1.3 | 5 |
| 23 | Making Limbs from Fins. Developmental Cell, 2012, 23, 1121-1122. | 7.0 | 5 |
| 24 | Morphological And Molecular Analyses of an Anatomical Novelty: The Pelvic Fin Filaments of the South American Lungfish. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2017, 328, 97-105. | 1.3 | 4 |
| 25 | The Nkd EF-hand domain modulates divergent wnt signaling outputs in zebrafish. Developmental Biology, 2018, 434, 63-73. | 2.0 | 3 |
| 26 | Evidence of cryptic speciation in South American lungfish. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 760-771. | 1.4 | 3 |
| 27 | Towards an evolutionary framework for animal regeneration. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 87-88. | 1.3 | 1 |
| 28 | Cover Image: Volume 22, Issue 4. Evolution & Development, 2020, 22, i. | 2.0 | 0 |
| 29 | A joint effort of the Brazilian Evo-Devo community. Genetics and Molecular Biology, 2015, 38, 231-232. | 1.3 | 0 |
| 30 | A Morphological and Histological Investigation of Imperfect Lungfish Fin Regeneration. Frontiers in Ecology and Evolution, 2021, 9, . | 2.2 | 0 |