Igor Schneider

List of Publications by Year
in descending order

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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	Evidence of cryptic speciation in South American lungfish. Journal of Zoological Systematics and Evolutionary Research, 2021, 59, 760-771.	1.4	3
2	Towards an evolutionary framework for animal regeneration. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2021, 336, 87-88.	1.3	1
3	Evolution: The deep genetic roots of tetrapod-specific traits. Current Biology, 2021, 31, R467-R469.	3.9	7
4	A Morphological and Histological Investigation of Imperfect Lungfish Fin Regeneration. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	0
5	Genetic and functional diversity of the multiple lungfish myoglobins. FEBS Journal, 2020, 287, 1598-1611.	4.7	6
6	Cover Image: Volume 22, Issue 4. Evolution & Development, 2020, 22, i.	2.0	0
7	Salamander-like tail regeneration in the West African lungfish. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192939.	2.6	9
8	von Willebrand factor D and EGF domains is an evolutionarily conserved and required feature of blastemas capable of multitissue appendage regeneration. Evolution & Development, 2020, 22, 297-311.	2.0	25
9	Deep evolutionary origin of limb and fin regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15106-15115.	7.1	46
10	Globin E is a myoglobin-related, respiratory protein highly expressed in lungfish oocytes. Scientific Reports, 2019, 9, 280.	3.3	11
11	Noncanonical Hox, Etv4, and Gli3 gene activities give insight into unique limb patterning in salamanders. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2018, 330, 138-147.	1.3	11
12	A conserved Shh cis-regulatory module highlights a common developmental origin of unpaired and paired fins. Nature Genetics, 2018, 50, 504-509.	21.4	72
13	The Nkd EF-hand domain modulates divergent wnt signaling outputs in zebrafish. Developmental Biology, 2018, 434, 63-73.	2.0	3
14	Fins into limbs: Recent insights from sarcopterygian fish. Genesis, 2018, 56, e23052.	1.6	20
15	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
16	Tetrapod limb and sarcopterygian fin regeneration share a core genetic programme. Nature Communications, 2016, 7, 13364.	12.8	52
17	The spotted gar genome illuminates vertebrate evolution and facilitates human-teleost comparisons. Nature Genetics, 2016, 48, 427-437.	21.4	545
18	Molecular mechanisms underlying the exceptional adaptations of batoid fins. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15940-15945.	7.1	39

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19	Organogenesis in deep time: A problem in genomics, development, and paleontology. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4871-4876.	7.1	23
20	Deep conservation of wrist and digit enhancers in fish. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 803-808.	7.1	121
21	A joint effort of the Brazilian Evo-Devo community. Genetics and Molecular Biology, 2015, 38, 231-232.	1.3	0
22	The origin of the tetrapod limb: from expeditions to enhancers. Trends in Genetics, 2013, 29, 419-426.	6.7	73
23	The African coelacanth genome provides insights into tetrapod evolution. Nature, 2013, 496, 311-316.	27.8	612
24	Making Limbs from Fins. Developmental Cell, 2012, 23, 1121-1122.	7.0	5
25	Appendage expression driven by the Hoxd Global Control Region is an ancient gnathostome feature. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 12782-12786.	7.1	58
26	Zebrafish Nkd1 promotes Dvl degradation and is required for leftâ€“right patterning. Developmental Biology, 2010, 348, 22-33.	2.0	42
27	Calcium dynamics integrated into signalling pathways that influence vertebrate axial patterning. Philosophical Transactions of the Royal Society B: Biological Sciences, 2008, 363, 1377-1385.	4.0	27
28	Calcium fluxes in dorsal forerunner cells antagonize Î²-catenin and alter left-right patterning. Development (Cambridge), 2008, 135, 75-84.	2.5	61
29	A Chemical and Genetic Approach to the Mode of Action of Fumagillin. Chemistry and Biology, 2006, 13, 1001-1009.	6.0	86
30	The prion protein and New World primate phylogeny. Genetics and Molecular Biology, 2004, 27, 505-510.	1.3	5