

# Mateus Adolfi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5759681/publications.pdf>

Version: 2024-02-01

16  
papers

562  
citations

840119

11  
h-index

940134

16  
g-index

17  
all docs

17  
docs citations

17  
times ranked

809  
citing authors

#	ARTICLE	IF	CITATIONS
1	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , 2020, 4, 841-852.	3.4	159
2	Intersex, Hermaphroditism, and Gonadal Plasticity in Vertebrates: Evolution of the Müllerian Duct and Amh/Amhr2 Signaling. <i>Annual Review of Animal Biosciences</i> , 2019, 7, 149-172.	3.6	69
3	Divergent Expression Regulation of Gonad Development Genes in Medaka Shows Incomplete Conservation of the Downstream Regulatory Network of Vertebrate Sex Determination. <i>Molecular Biology and Evolution</i> , 2013, 30, 2328-2346.	3.5	65
4	Evolution of master sex determiners: TGF- $\beta$ 2 signalling pathways at regulatory crossroads. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200091.	1.8	60
5	RADSex: A computational workflow to study sex determination using restriction site-associated DNA sequencing data. <i>Molecular Ecology Resources</i> , 2021, 21, 1715-1731.	2.2	40
6	Increase of cortisol levels after temperature stress activates <i>dmrt1a</i> causing female-to-male sex reversal and reduced germ cell number in medaka. <i>Molecular Reproduction and Development</i> , 2019, 86, 1405-1417.	1.0	30
7	The genome of the arapaima ( <i>Arapaima gigas</i> ) provides insights into gigantism, fast growth and chromosomal sex determination system. <i>Scientific Reports</i> , 2019, 9, 5293.	1.6	25
8	Analysis of the Role of the Mc4r System in Development, Growth, and Puberty of Medaka. <i>Frontiers in Endocrinology</i> , 2019, 10, 213.	1.5	20
9	A Comparative View on Sex Differentiation and Gametogenesis Genes in Lungfish and Coelacanths. <i>Genome Biology and Evolution</i> , 2018, 10, 1430-1444.	1.1	17
10	The Piranha Genome Provides Molecular Insight Associated to Its Unique Feeding Behavior. <i>Genome Biology and Evolution</i> , 2019, 11, 2099-2106.	1.1	17
11	The replaceable master of sex determination: bottom-up hypothesis revisited. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200090.	1.8	16
12	Melanocortin 4 receptor signaling and puberty onset regulation in <i>Xiphophorus swordtails</i> . <i>General and Comparative Endocrinology</i> , 2020, 295, 113521.	0.8	11
13	The transcriptome of the newt <i>Cynops orientalis</i> provides new insights into evolution and function of sexual gene networks in sarcopterygians. <i>Scientific Reports</i> , 2020, 10, 5445.	1.6	11
14	A novel evolutionary conserved mechanism of RNA stability regulates synexpression of primordial germ cell-specific genes prior to the sex-determination stage in medaka. <i>PLoS Biology</i> , 2019, 17, e3000185.	2.6	8
15	Evolution of the Degenerated Y-Chromosome of the Swamp Guppy, <i>Micropoecilia picta</i> . <i>Cells</i> , 2022, 11, 1118.	1.8	7
16	Spatial and temporal expression pattern of sex-related genes in ovo-testis of the self-fertilizing mangrove killifish ( <i>Kryptolebias marmoratus</i> ). <i>Gene</i> , 2020, 742, 144581.	1.0	6