

# Kang Du

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15 papers	238 citations	8 h-index	15 g-index
18 ext. papers	455 ext. citations	11.6 avg, IF	3.02 L-index

#	Paper	IF	Citations
15	A duplicated copy of id2b is an unusual sex-determining candidate gene on the Y chromosome of arapaima ( <i>Arapaima gigas</i> ). <i>Scientific Reports</i> , <b>2021</b> , 11, 21544	4.9	0
14	RADSex: A computational workflow to study sex determination using restriction site-associated DNA sequencing data. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 1715-1731	8.4	16
13	A 180 Myr-old female-specific genome region in sturgeon reveals the oldest known vertebrate sex determining system with undifferentiated sex chromosomes. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , <b>2021</b> , 376, 20200089	5.8	16
12	Whole genome sequencing of silver carp ( <i>Hypophthalmichthys molitrix</i> ) and bighead carp ( <i>Hypophthalmichthys nobilis</i> ) provide novel insights into their evolution and speciation. <i>Molecular Ecology Resources</i> , <b>2021</b> , 21, 912-923	8.4	6
11	The Developmental and Genetic Architecture of the Sexually Selected Male Ornament of Swordtails. <i>Current Biology</i> , <b>2021</b> , 31, 911-922.e4	6.3	10
10	The immune system of sturgeons and paddlefish ( <i>Acipenseriformes</i> ): a review with new data from a chromosome-scale sturgeon genome. <i>Reviews in Aquaculture</i> , <b>2021</b> , 13, 1709	8.9	2
9	A supernumerary "B-sex" chromosome drives male sex determination in the PachŃ cavefish, <i>Astyanax mexicanus</i> . <i>Current Biology</i> , <b>2021</b> , 31, 4800-4809.e9	6.3	8
8	Giant lungfish genome elucidates the conquest of land by vertebrates. <i>Nature</i> , <b>2021</b> , 590, 284-289	50.4	41
7	Natural hybridization reveals incompatible alleles that cause melanoma in swordtail fish. <i>Science</i> , <b>2020</b> , 368, 731-736	33.3	38
6	Melanocortin 4 receptor signaling and puberty onset regulation in <i>Xiphophorus</i> swordtails. <i>General and Comparative Endocrinology</i> , <b>2020</b> , 295, 113521	3	3
5	Independent Origin of XY and ZW Sex Determination Mechanisms in Mosquitofish Sister Species. <i>Genetics</i> , <b>2020</b> , 214, 193-209	4	15
4	The sterlet sturgeon genome sequence and the mechanisms of segmental rediploidization. <i>Nature Ecology and Evolution</i> , <b>2020</b> , 4, 841-852	12.3	65
3	The genome of the arapaima ( <i>Arapaima gigas</i> ) provides insights into gigantism, fast growth and chromosomal sex determination system. <i>Scientific Reports</i> , <b>2019</b> , 9, 5293	4.9	15
2	Natural hybridization reveals incompatible alleles that cause melanoma in swordtail fish		1
1	RADSex: a computational workflow to study sex determination using Restriction Site-Associated DNA Sequencing data		1