

# Koh Onimaru

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3558434/publications.pdf>

Version: 2024-02-01

22  
papers

653  
citations

933447

10  
h-index

888059

17  
g-index

26  
all docs

26  
docs citations

26  
times ranked

913  
citing authors

#	ARTICLE	IF	CITATIONS
1	Shark genomes provide insights into elasmobranch evolution and the origin of vertebrates. <i>Nature Ecology and Evolution</i> , 2018, 2, 1761-1771.	7.8	197
2	The fin-to-limb transition as the re-organization of a Turing pattern. <i>Nature Communications</i> , 2016, 7, 11582.	12.8	80
3	Development and evolution of the lateral plate mesoderm: Comparative analysis of amphioxus and lamprey with implications for the acquisition of paired fins. <i>Developmental Biology</i> , 2011, 359, 124-136.	2.0	57
4	Heterochronic Shift in Hox-Mediated Activation of Sonic hedgehog Leads to Morphological Changes during Fin Development. <i>PLoS ONE</i> , 2009, 4, e5121.	2.5	53
5	A shift in anterior-posterior positional information underlies the fin-to-limb evolution. <i>ELife</i> , 2015, 4, .	6.0	46
6	Mechanisms of heart development in the Japanese lamprey, <i>Lethenteron japonicum</i> . <i>Evolution &amp; Development</i> , 2010, 12, 34-44.	2.0	38
7	Identification of four <i>Engrailed</i> genes in the Japanese lamprey, <i>Lethenteron japonicum</i> . <i>Developmental Dynamics</i> , 2008, 237, 1581-1589.	1.8	33
8	A staging table for the embryonic development of the brownbanded bamboo shark ( <i>Chiloscyllium</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.8	29
9	Migratory appendicular muscles precursor cells in the common ancestor to all vertebrates. <i>Nature Ecology and Evolution</i> , 2017, 1, 1731-1736.	7.8	21
10	Spatial regulation by multiple Gremlin1 enhancers provides digit development with cis-regulatory robustness and evolutionary plasticity. <i>Nature Communications</i> , 2021, 12, 5557.	12.8	17
11	Acquisition of the paired fins: a view from the sequential evolution of the lateral plate mesoderm. <i>Evolution &amp; Development</i> , 2012, 14, 412-420.	2.0	16
12	Inference of the ancestral vertebrate phenotype through vestiges of the whole-genome duplications. <i>Briefings in Functional Genomics</i> , 2018, 17, 352-361.	2.7	14
13	Biomolecular condensates in cancer biology. <i>Cancer Science</i> , 2022, 113, 382-391.	3.9	12
14	A de novo transcriptome assembly of the zebra bullhead shark, <i>Heterodontus zebra</i> . <i>Scientific Data</i> , 2018, 5, 180197.	5.3	11
15	Developmental hourglass and heterochronic shifts in fin and limb development. <i>ELife</i> , 2021, 10, .	6.0	10
16	Predicting gene regulatory regions with a convolutional neural network for processing double-strand genome sequence information. <i>PLoS ONE</i> , 2020, 15, e0235748.	2.5	9
17	The evolutionary origin of developmental enhancers in vertebrates: Insights from non-model species. <i>Development Growth and Differentiation</i> , 2020, 62, 326-333.	1.5	5
18	Systems Biology Approach to the Origin of the Tetrapod Limb. , 2021, , 89-113.		2

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0235748.		0
20	Title is missing!. , 2020, 15, e0235748.		0
21	Title is missing!.. , 2020, 15, e0235748.		0
22	Title is missing!.. , 2020, 15, e0235748.		0