

Sergey V Prykhozhiy

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

668
citations

687363

13
h-index

794594

19
g-index

22
all docs

22
docs citations

22
times ranked

1334
citing authors

#	ARTICLE	IF	CITATIONS
1	<scp>KIT D816V</scp> is dimerization-independent and activates downstream pathways frequently perturbed in mastocytosis. <i>British Journal of Haematology</i> , 2023, 202, 960-970.	2.5	2
2	Stress hematopoiesis induces a proliferative advantage in TET2 deficiency. <i>Leukemia</i> , 2022, 36, 809-820.	7.2	3
3	Zebrafish Cancer Predisposition Models. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 660069.	3.7	15
4	CRISPR Knock-in Designer: Automatic Oligonucleotide Design Software to Introduce Point Mutations by Gene Editing Methods. <i>Re:GEN Open</i> , 2021, 1, 53-67.	0.2	2
5	Frizzled 4 regulates ventral blood vessel remodeling in the zebrafish retina. <i>Developmental Dynamics</i> , 2019, 248, 1243-1256.	1.8	8
6	Etiology and functional validation of gastrointestinal motility dysfunction in a zebrafish model of <scp>CHARGE</scp> syndrome. <i>FEBS Journal</i> , 2018, 285, 2125-2140.	4.7	24
7	<i>hace1</i> Influences zebrafish cardiac development via ROS-dependent mechanisms. <i>Developmental Dynamics</i> , 2018, 247, 289-303.	1.8	17
8	Cardiac Electrophysiological Effects of Light-Activated Chloride Channels. <i>Frontiers in Physiology</i> , 2018, 9, 1806.	2.8	36
9	Zebrafish knock-ins swim into the mainstream. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	26
10	Optimized knock-in of point mutations in zebrafish using CRISPR/Cas9. <i>Nucleic Acids Research</i> , 2018, 46, e102-e102.	14.5	50
11	New Developments in CRISPR/Cas-based Functional Genomics and their Implications for Research Using Zebrafish. <i>Current Gene Therapy</i> , 2018, 17, 286-300.	2.0	26
12	A rapid and effective method for screening, sequencing and reporter verification of engineered frameshift mutations in zebrafish. <i>DMM Disease Models and Mechanisms</i> , 2017, 10, 811-822.	2.4	48
13	Insert, remove or replace: A highly advanced genome editing system using CRISPR/Cas9. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 2333-2344.	4.1	112
14	A Guide to Computational Tools and Design Strategies for Genome Editing Experiments in Zebrafish Using CRISPR/Cas9. <i>Zebrafish</i> , 2016, 13, 70-73.	1.1	16
15	Glycine and Folate Ameliorate Models of Congenital Sideroblastic Anemia. <i>PLoS Genetics</i> , 2016, 12, e1005783.	3.5	51
16	Using the Zebrafish to Model the Tumour-Suppressor Effects of NUP98 in NUP98-NSD1 mediated AML. <i>Blood</i> , 2016, 128, 5117-5117.	1.4	0
17	CRISPR MultiTargeter: A Web Tool to Find Common and Unique CRISPR Single Guide RNA Targets in a Set of Similar Sequences. <i>PLoS ONE</i> , 2015, 10, e0119372.	2.5	123
18	Fishing with a Transgenic Line: Using Zebrafish to Elucidate Mechanisms and Therapeutics in NUP98-NSD1 AML. <i>Blood</i> , 2015, 126, 1638-1638.	1.4	0

#	ARTICLE	IF	CITATIONS
19	Zebrafish as a model system for mitochondrial biology and diseases. <i>Translational Research</i> , 2014, 163, 79-98.	5.0	47
20	The progress and promise of zebrafish as a model to study mast cells. <i>Developmental and Comparative Immunology</i> , 2014, 46, 74-83.	2.3	21