Anna Jazwinska

List of Publications by Year
in descending order

38 papers	2,328 citations	331538 21 h-index	315616 38 g-index
42 all docs	42 docs citations	42 times ranked	2479 citing authors

#	Article	IF	Citations
1	The zebrafish heart regenerates after cryoinjury-induced myocardial infarction. BMC Developmental Biology, 2011, 11, 21.	2.1	314
2	The Drosophila Gene brinker Reveals a Novel Mechanism of Dpp Target Gene Regulation. Cell, 1999, 96, 563-573.	13.5	241
3	The regenerative capacity of the zebrafish heart is dependent on TGFÎ² signaling. Development (Cambridge), 2012, 139, 1921-1930.	1.2	219
4	The art of fin regeneration in zebrafish. Regeneration (Oxford, England), 2015, 2, 72-83.	6.3	187
5	Epithelial tube morphogenesis during Drosophila tracheal development requires Piopio, a luminal ZP protein. Nature Cell Biology, 2003, 5, 895-901.	4.6	155
6	IGF signaling between blastema and wound epidermis is required for fin regeneration. Development (Cambridge), 2010, 137, 871-879.	1.2	141
7	Activin-Î²A Signaling Is Required for Zebrafish Fin Regeneration. Current Biology, 2007, 17, 1390-1395.	1.8	137
8	A dual epimorphic and compensatory mode of heart regeneration in zebrafish. Developmental Biology, 2015, 399, 27-40.	0.9	97
9	Distinct effects of inflammation on preconditioning and regeneration of the adult zebrafish heart. Open Biology, 2016, 6, 160102.	1.5	65
10	Collagen XII Contributes to Epicardial and Connective Tissues in the Zebrafish Heart during Ontogenesis and Regeneration. PLoS ONE, 2016, 11, e0165497.	1.1	64
11	The careg element reveals a common regulation of regeneration in the zebrafish myocardium and fin. Nature Communications, 2017, 8, 15151.	5.8	61
12	Regeneration versus scarring in vertebrate appendages and heart. Journal of Pathology, 2016, 238, 233-246.	2.1	57
13	Dynamics of actinotrichia regeneration in the adult zebrafish fin. Developmental Biology, 2018, 433, 416-432.	0.9	57
14	Specific NuRD components are required for fin regeneration in zebrafish. BMC Biology, 2014, 12, 30.	1.7	52
15	Bone morphogenetic protein signaling promotes morphogenesis of blood vessels, wound epidermis, and actinotrichia during fin regeneration in zebrafish. FASEB Journal, 2015, 29, 4299-4312.	0.2	52
16	Visual acuity and contrast sensitivity of adult zebrafish. Frontiers in Zoology, 2012, 9, 10.	0.9	51
17	Acute stress is detrimental to heart regeneration in zebrafish. Open Biology, 2016, 6, 160012.	1.5	46
18	Induction of Myocardial Infarction in Adult Zebrafish Using Cryoinjury. Journal of Visualized Experiments, 2012, , .	0.2	45

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19	A family of genes encoding zona pellucida (ZP) domain proteins is expressed in various epithelial tissues during Drosophila embryogenesis. Gene Expression Patterns, 2004, 4, 413-421.	0.3	39
20	Characteristics of Rod Regeneration in a Novel Zebrafish Retinal Degeneration Model Using N-Methyl-N-Nitrosourea (MNU). PLoS ONE, 2013, 8, e71064.	1.1	36
21	Preconditioning boosts regenerative programmes in the adult zebrafish heart. Open Biology, 2016, 6, 160101.	1.5	28
22	Efficient transfection of primary zebrafish fibroblasts by nucleofection. Cytotechnology, 2006, 51, 105-110.	0.7	21
23	Zebrafish Caudal Fin Angiogenesis Assayâ€"Advanced Quantitative Assessment Including 3-Way Correlative Microscopy. PLoS ONE, 2016, 11, e0149281.	1.1	19
24	Ciliary neurotrophic factor stimulates cardioprotection and the proliferative activity in the adult zebrafish heart. Npj Regenerative Medicine, 2019, 4, 2.	2.5	19
25	Zebrafish fin regeneration after cryoinjury-induced tissue damage. Biology Open, 2016, 5, 819-828.	0.6	17
26	In-vivo quantification of mechanical properties of caudal fins in adult zebrafish. Journal of Experimental Biology, 2018, 221, .	0.8	17
27	Distribution and Restoration of Serotonin-Immunoreactive Paraneuronal Cells During Caudal Fin Regeneration in Zebrafish. Frontiers in Molecular Neuroscience, 2019, 12, 227.	1.4	16
28	Multiple cryoinjuries modulate the efficiency of zebrafish heart regeneration. Scientific Reports, 2020, 10, 11551.	1.6	15
29	Methylnitrosourea (MNU)-induced Retinal Degeneration and Regeneration in the Zebrafish: Histological and Functional Characteristics. Journal of Visualized Experiments, 2014, , e51909.	0.2	11
30	Intrathoracic Injection for the Study of Adult Zebrafish Heart. Journal of Visualized Experiments, 2019, , .	0.2	9
31	Photopic and scotopic spatiotemporal tuning of adult zebrafish vision. Frontiers in Systems Neuroscience, 2015, 9, 20.	1.2	8
32	Zebrafish fin regeneration involves transient serotonin synthesis. Wound Repair and Regeneration, 2019, 27, 375-385.	1.5	8
33	Hydrodynamic stress and phenotypic plasticity of the zebrafish regenerating fin. Journal of Experimental Biology, 2021, 224, .	0.8	6
34	Towards deciphering variations of heart regeneration in fish. Current Opinion in Physiology, 2020, 14, 21-26.	0.9	5
35	Î³-tubulin is differentially expressed in mitotic and non-mitotic cardiomyocytes in the regenerating zebrafish heart. Data in Brief, 2015, 3, 71-77.	0.5	4
36	Persistent Ventricle Partitioning in the Adult Zebrafish Heart. Journal of Cardiovascular Development and Disease, 2021, 8, 41.	0.8	3

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37	Platyfish bypass the constraint of the caudal fin ventral identity in teleosts. Developmental Dynamics, 2022, 251, 1862-1879.	0.8	3
38	Lymphatic vessels help mend broken hearts. ELife, 2019, 8, .	2.8	2