

Stefano Tiozzo

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,035
citations

471371

17
h-index

454834

30
g-index

43
all docs

43
docs citations

43
times ranked

833
citing authors

#	ARTICLE	IF	CITATIONS
1	Macrophage-secreted myogenic factors: a promising tool for greatly enhancing the proliferative capacity of myoblasts in vitro and in vivo. <i>Neurological Sciences</i> , 2002, 23, 189-194.	0.9	111
2	Neurogenic and non-neurogenic placodes in ascidians. <i>The Journal of Experimental Zoology</i> , 2004, 302B, 483-504.	1.4	86
3	Novel, secondary sensory cell organ in ascidians: In search of the ancestor of the vertebrate lateral line. <i>Journal of Comparative Neurology</i> , 2003, 461, 236-249.	0.9	85
4	Early lineage specification of long-lived germline precursors in the colonial ascidian <i>Botryllus schlosseri</i> . <i>Development (Cambridge)</i> , 2009, 136, 3485-3494.	1.2	65
5	A conserved role of the VEGF pathway in angiogenesis of an ectodermally-derived vasculature. <i>Developmental Biology</i> , 2008, 315, 243-255.	0.9	57
6	Reconsidering regeneration in metazoans: an evo-devo approach. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	48
7	Embryonic versus blastogenetic development in the compound ascidian <i>Botryllus schlosseri</i> : Insights from <i>Pitx</i> expression patterns. <i>Developmental Dynamics</i> , 2005, 232, 468-478.	0.8	47
8	Asexual Propagation and Regeneration in Colonial Ascidians. <i>Biological Bulletin</i> , 2011, 221, 43-61.	0.7	47
9	Ontology for the Asexual Development and Anatomy of the Colonial Chordate <i>Botryllus schlosseri</i> . <i>PLoS ONE</i> , 2014, 9, e96434.	1.1	45
10	Convergent Acquisition of Nonembryonic Development in Styelid Ascidians. <i>Molecular Biology and Evolution</i> , 2018, 35, 1728-1743.	3.5	35
11	Phagocyte dynamics in a highly regenerative urochordate: Insights into development and host defense. <i>Developmental Biology</i> , 2013, 374, 357-373.	0.9	32
12	Germline cell formation and gonad regeneration in solitary and colonial ascidians. <i>Developmental Dynamics</i> , 2011, 240, 299-308.	0.8	27
13	Programmed cell death in vegetative development: Apoptosis during the colonial life cycle of the ascidian <i>Botryllus schlosseri</i> . <i>Tissue and Cell</i> , 2006, 38, 193-201.	1.0	26
14	Regeneration and Stem Cells in Ascidians. , 2008, , 95-112.		25
15	A pan-metazoan concept for adult stem cells: the wobbling Penrose landscape. <i>Biological Reviews</i> , 2022, 97, 299-325.	4.7	25
16	The eventful history of nonembryonic development in tunicates. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 250-266.	0.6	22
17	Functional analysis of <i>Pitx</i> during asexual regeneration in a basal chordate. <i>Evolution & Development</i> , 2009, 11, 152-162.	1.1	21
18	Colonial ascidians strongly preyed upon, yet dominate the substrate in a subtropical fouling community. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20190396.	1.2	21

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19	Comparative muscle development of scyphozoan jellyfish with simple and complex life cycles. <i>EvoDevo</i> , 2015, 6, 11.	1.3	19
20	Coloniality, clonality, and modularity in animals: The elephant in the room. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 198-211.	0.6	19
21	Development of the neuromuscular system during asexual propagation in an invertebrate chordate. <i>Developmental Dynamics</i> , 2009, 238, 2081-2094.	0.8	17
22	Emergence of sensory structures in the developing epidermis in <i>sepia officinalis</i> and other coleoid cephalopods. <i>Journal of Comparative Neurology</i> , 2014, 522, 3004-3019.	0.9	17
23	Identification of differentially expressed genes from multipotent epithelia at the onset of an asexual development. <i>Scientific Reports</i> , 2016, 6, 27357.	1.6	17
24	Redeployment of germ layers related TFs shows regionalized expression during two non-embryonic developments. <i>Developmental Biology</i> , 2016, 416, 235-248.	0.9	17
25	Novel budding mode in <i>Polyandrocarpa zorritensis</i> : a model for comparative studies on asexual development and whole body regeneration. <i>EvoDevo</i> , 2019, 10, 7.	1.3	17
26	Putative stem cells in the hemolymph and in the intestinal submucosa of the solitary ascidian <i>Styela plicata</i> . <i>EvoDevo</i> , 2019, 10, 31.	1.3	14
27	Wnt affects symmetry and morphogenesis during post-embryonic development in colonial chordates. <i>EvoDevo</i> , 2015, 6, 17.	1.3	13
28	Modular co-option of cardiopharyngeal genes during non-embryonic myogenesis. <i>EvoDevo</i> , 2019, 10, 3.	1.3	12
29	Characterization of HCN and cardiac function in a colonial ascidian. <i>Journal of Experimental Zoology</i> , 2011, 315A, 476-486.	1.2	10
30	De novo neurogenesis in a budding chordate: Co-option of larval anteroposterior patterning genes in a transitory neurogenic organ. <i>Developmental Biology</i> , 2019, 448, 342-352.	0.9	9
31	The Diversity of Muscles and Their Regenerative Potential across Animals. <i>Cells</i> , 2020, 9, 1925.	1.8	9
32	Slow evolution under purifying selection in the gamete recognition protein bindin of the sea urchin <i>Diadema</i> . <i>Scientific Reports</i> , 2020, 10, 9834.	1.6	8
33	Comparative localization of serotonin-like immunoreactive cells in Thaliacea informs tunicate phylogeny. <i>Frontiers in Zoology</i> , 2016, 13, 45.	0.9	6
34	The Hazards of Regeneration: From Morgan's Legacy to Evo-Devo. <i>Methods in Molecular Biology</i> , 2022, 2450, 3-25.	0.4	2
35	The Onset of Whole-Body Regeneration in <i>Botryllus schlosseri</i> : Morphological and Molecular Characterization. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 843775.	1.8	2
36	From the individual to the colony: Marine invertebrates as models to understand levels of biological organization. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2021, 336, 191-197.	0.6	1