

Patrick R H Steinmetz

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4169739/patrick-r-h-steinmetz-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

21
papers

2,015
citations

15
h-index

23
g-index

23
ext. papers

2,411
ext. citations

18.5
avg, IF

4.2
L-index

#	Paper	IF	Citations
21	A non-bilaterian perspective on the development and evolution of animal digestive systems. <i>Cell and Tissue Research</i> , 2019 , 377, 321-339	4.2	14
20	Cnidarian Cell Type Diversity and Regulation Revealed by Whole-Organism Single-Cell RNA-Seq. <i>Cell</i> , 2018 , 173, 1520-1534.e20	56.2	139
19	Bud detachment in hydra requires activation of fibroblast growth factor receptor and a Rho-ROCK-myosin II signaling pathway to ensure formation of a basal constriction. <i>Developmental Dynamics</i> , 2017 , 246, 502-516	2.9	15
18	Gut-like ectodermal tissue in a sea anemone challenges germ layer homology. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1535-1542	12.3	52
17	Gut-like ectodermal tissue in a sea anemone challenges germ layer homology. <i>Mechanisms of Development</i> , 2017 , 145, S111	1.7	2
16	The evolutionary origin of bilaterian smooth and striated myocytes. <i>ELife</i> , 2016 , 5,	8.9	53
15	Development of the annelid axochord: insights into notochord evolution. <i>Science</i> , 2014 , 345, 1365-8	33.3	74
14	Involvement of the Wnt/βcatenin pathway in neurectoderm architecture in <i>Platynereis dumerilii</i> . <i>Nature Communications</i> , 2013 , 4, 1915	17.4	35
13	Independent evolution of striated muscles in cnidarians and bilaterians. <i>Nature</i> , 2012 , 487, 231-4	50.4	172
12	The segmental pattern of <i>otx</i> , <i>gbx</i> , and <i>Hox</i> genes in the annelid <i>Platynereis dumerilii</i> . <i>Evolution & Development</i> , 2011 , 13, 72-9	2.6	65
11	The dynamic genome of <i>Hydra</i> . <i>Nature</i> , 2010 , 464, 592-6	50.4	613
10	A muscle-specific transgenic reporter line of the sea anemone, <i>Nematostella vectensis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 104-8	11.5	111
9	Six3 demarcates the anterior-most developing brain region in bilaterian animals. <i>EvoDevo</i> , 2010 , 1, 14	3.2	113
8	Metazoan Complexity 2010 , 143-178		
7	<i>Hox</i> gene expression in larval development of the polychaetes <i>Nereis virens</i> and <i>Platynereis dumerilii</i> (Annelida, Lophotrochozoa). <i>Development Genes and Evolution</i> , 2007 , 217, 39-54	1.8	92
6	Polychaete trunk neuroectoderm converges and extends by mediolateral cell intercalation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 2727-32	11.5	42
5	Molecular architecture of annelid nerve cord supports common origin of nervous system centralization in bilateria. <i>Cell</i> , 2007 , 129, 277-88	56.2	345

4	Fluorescent two-color whole mount in situ hybridization in <i>Platynereis dumerilii</i> (Polychaeta, Annelida), an emerging marine molecular model for evolution and development. <i>BioTechniques</i> , 2005 , 39, 460, 462, 464	2.5	69
3	Evolutionary conserved aspects of animal nutrient uptake and transport in sea anemone vitellogenesis		1
2	The evolutionary origin of bilaterian smooth and striated myocytes		3
1	Muscle cell type diversification facilitated by extensive gene duplications		5