

Jochen C Rink

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/661076/publications.pdf>

Version: 2024-02-01

21
papers

4,254
citations

471509

17
h-index

752698

20
g-index

31
all docs

31
docs citations

31
times ranked

6041
citing authors

#	ARTICLE	IF	CITATIONS
1	Body size-dependent energy storage causes Kleiber's law scaling of the metabolic rate in planarians. <i>ELife</i> , 2019, 8, .	6.0	57
2	Model systems for regeneration: planarians. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	79
3	PlanMine 3.0's improvements to a mineable resource of flatworm biology and biodiversity. <i>Nucleic Acids Research</i> , 2019, 47, D812-D820.	14.5	125
4	An intriguing, new planarian species from Tasmania, with a discussion on protandry in triclad flatworms (Platyhelminthes, Tricladida). <i>Acta Zoologica</i> , 2018, 99, 404-414.	0.8	0
5	Content-aware image restoration: pushing the limits of fluorescence microscopy. <i>Nature Methods</i> , 2018, 15, 1090-1097.	19.0	758
6	Stem Cells, Patterning and Regeneration in Planarians: Self-Organization at the Organismal Scale. <i>Methods in Molecular Biology</i> , 2018, 1774, 57-172.	0.9	40
7	The Ecology of Freshwater Planarians. <i>Methods in Molecular Biology</i> , 2018, 1774, 173-205.	0.9	62
8	Total RNA Isolation from Planarian Tissues. <i>Methods in Molecular Biology</i> , 2018, 1774, 259-265.	0.9	6
9	Small- and Large-Scale High Molecular Weight Genomic DNA Extraction from Planarians. <i>Methods in Molecular Biology</i> , 2018, 1774, 267-275.	0.9	4
10	A dynamically diluted alignment model reveals the impact of cell turnover on the plasticity of tissue polarity patterns. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170466.	3.4	6
11	Self-organization in development, regeneration and organoids. <i>Current Opinion in Cell Biology</i> , 2017, 44, 102-109.	5.4	24
12	A tunable refractive index matching medium for live imaging cells, tissues and model organisms. <i>ELife</i> , 2017, 6, .	6.0	128
13	The mid-developmental transition and the evolution of animal body plans. <i>Nature</i> , 2016, 531, 637-641.	27.8	231
14	PlanMine – a mineable resource of planarian biology and biodiversity. <i>Nucleic Acids Research</i> , 2016, 44, D764-D773.	14.5	130
15	Scaling and Regeneration of Self-Organized Patterns. <i>Physical Review Letters</i> , 2015, 114, 138101.	7.8	57
16	Stem cells and fluid flow drive cyst formation in an invertebrate excretory organ. <i>ELife</i> , 2015, 4, .	6.0	65
17	Shape Mode Analysis Exposes Movement Patterns in Biology: Flagella and Flatworms as Case Studies. <i>PLoS ONE</i> , 2014, 9, e113083.	2.5	33
18	Stem cell systems and regeneration in planaria. <i>Development Genes and Evolution</i> , 2013, 223, 67-84.	0.9	278

#	ARTICLE	IF	CITATIONS
19	Formaldehyde-based whole-mount in situ hybridization method for planarians. <i>Developmental Dynamics</i> , 2009, 238, 443-450.	1.8	298
20	β -Catenin Defines Head Versus Tail Identity During Planarian Regeneration and Homeostasis. <i>Science</i> , 2008, 319, 323-327.	12.6	417
21	Rab Conversion as a Mechanism of Progression from Early to Late Endosomes. <i>Cell</i> , 2005, 122, 735-749.	28.9	1,434