

# 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  | Rab Conversion as a Mechanism of Progression from Early to Late Endosomes. <i>Cell</i> , 2005, 122, 735-749.   | 28.9 | 1,434     |
| 2  | Content-aware image restoration: pushing the limits of fluorescence microscopy. <i>Nature Methods</i> , 2018, 15, 1090-1097.   | 19.0 | 758       |
| 3  | Î²-Catenin Defines Head Versus Tail Identity During Planarian Regeneration and Homeostasis. <i>Science</i> , 2008, 319, 323-327.   | 12.6 | 417       |
| 4  | Formaldehyde-based whole-mount in situ hybridization method for planarians. <i>Developmental Dynamics</i> , 2009, 238, 443-450.  | 1.8  | 298       |
| 5  | Stem cell systems and regeneration in planaria. <i>Development Genes and Evolution</i> , 2013, 223, 67-84.   | 0.9  | 278       |
| 6  | The mid-developmental transition and the evolution of animal body plans. <i>Nature</i> , 2016, 531, 637-641.   | 27.8 | 231       |
| 7  | PlanMine – a mineable resource of planarian biology and biodiversity. <i>Nucleic Acids Research</i> , 2016, 44, D764-D773.   | 14.5 | 130       |
| 8  | A tunable refractive index matching medium for live imaging cells, tissues and model organisms. <i>ELife</i> , 2017, 6, .  | 6.0  | 128       |
| 9  | PlanMine 3.0 – improvements to a mineable resource of flatworm biology and biodiversity. <i>Nucleic Acids Research</i> , 2019, 47, D812-D820.  | 14.5 | 125       |
| 10 | Model systems for regeneration: planarians. <i>Development (Cambridge)</i> , 2019, 146, .  | 2.5  | 79        |
| 11 | Stem cells and fluid flow drive cyst formation in an invertebrate excretory organ. <i>ELife</i> , 2015, 4, .   | 6.0  | 65        |
| 12 | The Ecology of Freshwater Planarians. <i>Methods in Molecular Biology</i> , 2018, 1774, 173-205.   | 0.9  | 62        |
| 13 | Scaling and Regeneration of Self-Organized Patterns. <i>Physical Review Letters</i> , 2015, 114, 138101.   | 7.8  | 57        |
| 14 | Body size-dependent energy storage causes Kleiber’s law scaling of the metabolic rate in planarians. <i>ELife</i> , 2019, 8, .   | 6.0  | 57        |
| 15 | 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        |
| 16 | Shape Mode Analysis Exposes Movement Patterns in Biology: Flagella and Flatworms as Case Studies. <i>PLoS ONE</i> , 2014, 9, e113083.  | 2.5  | 33        |
| 17 | Self-organization in development, regeneration and organoids. <i>Current Opinion in Cell Biology</i> , 2017, 44, 102-109.  | 5.4  | 24        |
| 18 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Total RNA Isolation from Planarian Tissues. <i>Methods in Molecular Biology</i> , 2018, 1774, 259-265.  | 0.9 | 6         |
| 20 | 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         |
| 21 | 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         |