

# Walter de Back

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9403525/publications.pdf>

Version: 2024-02-01

14  
papers

317  
citations

1163117

8  
h-index

1474206

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of nematic cell polarity in three-dimensional tissues. PLoS Computational Biology, 2020, 16, e1008412.	3.2	6
2	Haematopoietic stem cells in perisinusoidal niches are protected from ageing. Nature Cell Biology, 2019, 21, 1309-1320.	10.3	88
3	Automated detection of the HER2 gene amplification status in Fluorescence in situ hybridization images for the diagnostics of cancer tissues. Scientific Reports, 2019, 9, 8231.	3.3	34
4	Statistical and Mathematical Modeling of Spatiotemporal Dynamics of Stem Cells. Methods in Molecular Biology, 2019, 2017, 219-243.	0.9	11
5	Liquid-crystal organization of liver tissue. ELife, 2019, 8, .	6.0	42
6	Image-based quantification and mathematical modeling of spatial heterogeneity in ESC colonies. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2015, 87, 481-490.	1.5	13
7	On the role of lateral stabilization during early patterning in the pancreas. Journal of the Royal Society Interface, 2013, 10, 20120766.	3.4	29
8	Early Embryonic Vascular Patterning by Matrix-Mediated Paracrine Signalling: A Mathematical Model Study. PLoS ONE, 2011, 6, e24175.	2.5	57
9	Evolutionary robotics. , 2011, , 414-425.		0
10	Emergence and analysis of complex food webs in an individual-based artificial ecology. , 2009, , .		0
11	Complex System Simulations with QosCosGrid. Lecture Notes in Computer Science, 2009, , 387-396.	1.3	22
12	A Modeler-Friendly API for ABM Partitioning. , 2009, , .		9
13	Niche Differentiation and Coexistence in a Multi-resource Ecosystem with Competition. Lecture Notes in Computer Science, 2007, , 143-152.	1.3	0
14	Red Queen dynamics in a predator-prey ecosystem. , 2006, , .		2