

Mathilde Dumond

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7501690/publications.pdf>

Version: 2024-02-01

7
papers

595
citations

1478505

6
h-index

1872680

6
g-index

9
all docs

9
docs citations

9
times ranked

659
citing authors

#	ARTICLE	IF	CITATIONS
1	A Mechanical Feedback Restricts Sepal Growth and Shape in Arabidopsis. <i>Current Biology</i> , 2016, 26, 1019-1028.	3.9	187
2	Variable Cell Growth Yields Reproducible Organ Development through Spatiotemporal Averaging. <i>Developmental Cell</i> , 2016, 38, 15-32.	7.0	165
3	Mechanical Shielding of Rapidly Growing Cells Buffers Growth Heterogeneity and Contributes to Organ Shape Reproducibility. <i>Current Biology</i> , 2017, 27, 3468-3479.e4.	3.9	77
4	Cellular Heterogeneity in Pressure and Growth Emerges from Tissue Topology and Geometry. <i>Current Biology</i> , 2020, 30, 1504-1516.e8.	3.9	73
5	Heterogeneity and Robustness in Plant Morphogenesis: From Cells to Organs. <i>Annual Review of Plant Biology</i> , 2018, 69, 469-495.	18.7	72
6	The biomechanical basis of biased epithelial tube elongation in lung and kidney development. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	18
7	Physical Models of Plant Morphogenesis. , 2018, , 1-14.		0