

Clara L Essmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/224095/publications.pdf>

Version: 2024-02-01

9
papers

160
citations

1478505

6
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural Infection of <i>C. elegans</i> by an Oomycete Reveals a New Pathogen-Specific Immune Response. <i>Current Biology</i> , 2018, 28, 640-648.e5.	3.9	48
2	Mechanical properties measured by atomic force microscopy define health biomarkers in ageing <i>C. elegans</i> . <i>Nature Communications</i> , 2020, 11, 1043.	12.8	29
3	In-vivo high resolution AFM topographic imaging of <i>Caenorhabditis elegans</i> reveals previously unreported surface structures of cuticle mutants. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 183-189.	3.3	28
4	Three-dimensional behavioural phenotyping of freely moving <i>C. elegans</i> using quantitative light field microscopy. <i>PLoS ONE</i> , 2018, 13, e0200108.	2.5	20
5	Chemosensory Neurons Modulate the Response to Oomycete Recognition in <i>Caenorhabditis elegans</i> . <i>Cell Reports</i> , 2021, 34, 108604.	6.4	17
6	Activation of RHO-1 in cholinergic motor neurons competes with dopamine signalling to control locomotion. <i>PLoS ONE</i> , 2018, 13, e0204057.	2.5	6
7	Infection of <i>C. elegans</i> by <i>Haptoglossa</i> Species Reveals Shared Features in the Host Response to Oomycete Detection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 733094.	3.9	6
8	Transcriptome analysis of <i>Caenorhabditis elegans</i> lacking heme peroxidase SKPO-1 reveals an altered response to <i>Enterococcus faecalis</i> . <i>G3: Genes, Genomes, Genetics</i> , 2021, 11, .	1.8	4
9	Stain-free identification of tissue pathology using a generative adversarial network to infer nanomechanical signatures. <i>Nanoscale Advances</i> , 2021, 3, 6403-6414.	4.6	1