

Avelino Javer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10829634/publications.pdf>

Version: 2024-02-01

10
papers

579
citations

1478505

6
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

784
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic chemostat for measuring single cell dynamics in bacteria. Lab on A Chip, 2013, 13, 947.	6.0	134
2	Short-time movement of E. coli chromosomal loci depends on coordinate and subcellular localization. Nature Communications, 2013, 4, 3003.	12.8	113
3	An open-source platform for analyzing and sharing worm-behavior data. Nature Methods, 2018, 15, 645-646.	19.0	93
4	Individuality and universality in the growth-division laws of single <i>E. coli</i> cells. Physical Review E, 2016, 93, 012408.	2.1	82
5	Persistent super-diffusive motion of Escherichia coli chromosomal loci. Nature Communications, 2014, 5, 3854.	12.8	74
6	Powerful and interpretable behavioural features for quantitative phenotyping of <i>Caenorhabditis elegans</i> . Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170375.	4.0	65
7	DeepScratch: Single-cell based topological metrics of scratch wound assays. Computational and Structural Biotechnology Journal, 2020, 18, 2501-2509.	4.1	8
8	Tissue-specific isoforms of the single C. elegans Ryanodine receptor gene unc-68 control specific functions. PLoS Genetics, 2020, 16, e1009102.	3.5	7
9	Single-Molecule Localization Microscopy Reconstruction Using Noise2Noise for Super-Resolution Imaging of Actin Filaments. , 2020, , .		3
10	Semantic Filtering Through Deep Source Separation on Microscopy Images. Lecture Notes in Computer Science, 2019, , 498-506.	1.3	0