

# Chih-Chieh Jay Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1779128/publications.pdf>

Version: 2024-02-01

11  
papers

1,135  
citations

1040056

9  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

1923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein-retention expansion microscopy of cells and tissues labeled using standard fluorescent proteins and antibodies. <i>Nature Biotechnology</i> , 2016, 34, 987-992.	17.5	510
2	Expansion sequencing: Spatially precise in situ transcriptomics in intact biological systems. <i>Science</i> , 2021, 371, .	12.6	197
3	Longitudinal imaging of <i>Caenorhabditis elegans</i> in a microfabricated device reveals variation in behavioral decline during aging. <i>ELife</i> , 2017, 6, .	6.0	147
4	Precision Calcium Imaging of Dense Neural Populations via a Cell-Body-Targeted Calcium Indicator. <i>Neuron</i> , 2020, 107, 470-486.e11.	8.1	87
5	Expansion microscopy of <i>C. elegans</i> . <i>ELife</i> , 2020, 9, .	6.0	59
6	A highly homogeneous polymer composed of tetrahedron-like monomers for high-isotropy expansion microscopy. <i>Nature Nanotechnology</i> , 2021, 16, 698-707.	31.5	43
7	Spatial Multiplexing of Fluorescent Reporters for Imaging Signaling Network Dynamics. <i>Cell</i> , 2020, 183, 1682-1698.e24.	28.9	38
8	Multi-well imaging of development and behavior in <i>Caenorhabditis elegans</i> . <i>Journal of Neuroscience Methods</i> , 2014, 223, 35-39.	2.5	26
9	Tetra-gel enables superior accuracy in combined super-resolution imaging and expansion microscopy. <i>Scientific Reports</i> , 2021, 11, 16944.	3.3	16
10	CHANGE IN BLOOD GELSOLIN CONCENTRATION IN RESPONSE TO PHYSICAL EXERCISE. <i>Biology of Sport</i> , 2013, 30, 169-172.	3.2	5
11	ExCel: Super-Resolution Imaging of <i>C. elegans</i> with Expansion Microscopy. <i>Methods in Molecular Biology</i> , 2022, 2468, 141-203.	0.9	2