

# John Lee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2539808/publications.pdf>

Version: 2024-02-01

9  
papers

102  
citations

1937685  
4  
h-index

1872680  
6  
g-index

9  
all docs

9  
docs citations

9  
times ranked

130  
citing authors

#	ARTICLE	IF	CITATIONS
1	PatcherBot: a single-cell electrophysiology robot for adherent cells and brain slices. Journal of Neural Engineering, 2019, 16, 046003.	3.5	32
2	Sub-second dynamics of theta-gamma coupling in hippocampal CA1. ELife, 2019, 8, .	6.0	29
3	Cell Membrane Tracking in Living Brain Tissue Using Differential Interference Contrast Microscopy. IEEE Transactions on Image Processing, 2018, 27, 1847-1861.	9.8	16
4	Unbalanced Optimal Transport Regularization for Imaging Problems. IEEE Transactions on Computational Imaging, 2020, 6, 1219-1232.	4.4	8
5	Efficient Tracking of Sparse Signals via an Earth Mover's Distance Dynamics Regularizer. IEEE Signal Processing Letters, 2020, 27, 1120-1124.	3.6	5
6	Precision cell boundary tracking on DIC microscopy video for patch clamping. , 2017, , .		3
7	Earth-Mover's distance as a tracking regularizer. , 2017, , .		3
8	Sparse Dynamic Filtering via Earth Mover's Distance Regularization. , 2018, , .		3
9	Infrared Search and Track With Unbalanced Optimal Transport Dynamics Regularization. IEEE Geoscience and Remote Sensing Letters, 2021, 18, 2072-2076.	3.1	3