

# Three-Dimensional Localization of Single Molecules for Single-Particle Tracking

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Introduction: Super-Resolution and Single-Molecule Imaging. <i>Chemical Reviews</i> , 2017, 117, 7241-7243.	23.0	29
3	Three-Dimensional Super-resolution Imaging of Single Nanoparticles Delivered by Pipettes. <i>ACS Nano</i> , 2017, 11, 10529-10538.	7.3	30
4	The imaging tsunami: Computational opportunities and challenges. <i>Current Opinion in Systems Biology</i> , 2017, 4, 105-113.	1.3	27
5	Dynamic imaging of mitochondrial membrane proteins in specific sub-organelle membrane locations. <i>Biophysical Reviews</i> , 2017, 9, 345-352.	1.5	51
6	Single-Molecule Fluorescence Microscopy Reveals Local Diffusion Coefficients in the Pore Network of an Individual Catalyst Particle. <i>Journal of the American Chemical Society</i> , 2017, 139, 13632-13635.	6.6	70
7	Dynamics of surface neurotransmitter receptors and transporters in glial cells: Single molecule insights. <i>Cell Calcium</i> , 2017, 67, 46-52.	1.1	11
8	The effects of slit-like confinement on flow-induced polymer deformation. <i>Journal of Chemical Physics</i> , 2017, 147, 064905.	1.2	2
9	Single-molecule fluorescence microscopy review: shedding new light on old problems. <i>Bioscience Reports</i> , 2017, 37, .	1.1	219
10	sCMOS noise-correction algorithm for microscopy images. <i>Nature Methods</i> , 2017, 14, 760-761.	9.0	41
11	A Photoactivatable Probe for Super-Resolution Imaging of Enzymatic Activity in Live Cells. <i>Journal of the American Chemical Society</i> , 2017, 139, 13200-13207.	6.6	88
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13	Subdiffraction incoherent optical imaging via spatial-mode demultiplexing: Semiclassical treatment. <i>Physical Review A</i> , 2018, 97, .	1.0	32
14	Multicolor Three-Dimensional Tracking for Single-Molecule Fluorescence Resonance Energy Transfer Measurements. <i>Analytical Chemistry</i> , 2018, 90, 6109-6115.	3.2	13
15	Nano Trek Beyond: Driving Nanocars/Molecular Machines at Interfaces. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1266-1278.	1.7	42
16	Multi-functional DNA nanostructures that puncture and remodel lipid membranes into hybrid materials. <i>Nature Communications</i> , 2018, 9, 1521.	5.8	65
17	Spatial organization and dynamics of RNase E and ribosomes in <i>Caulobacter crescentus</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E3712-E3721.	3.3	64
18	A method for optical imaging and monitoring of the excretion of fluorescent nanocomposites from the body using artificial neural networks. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 1371-1380.	1.7	19
19	Live Cell Microscopy: A Physical Chemistry Approach. <i>Journal of Physical Chemistry B</i> , 2018, 122, 3023-3036.	1.2	19

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20	Biological Insight from Super-Resolution Microscopy: What We Can Learn from Localization-Based Images. <i>Annual Review of Biochemistry</i> , 2018, 87, 965-989.	5.0	166
21	Editorial Overview: Single-Molecule Approaches to Difficult Challenges in Folding and Dynamics. <i>Journal of Molecular Biology</i> , 2018, 430, 405-408.	2.0	3
22	3D single-molecule super-resolution microscopy with a tilted light sheet. <i>Nature Communications</i> , 2018, 9, 123.	5.8	143
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30	Advanced Nanoscale Approaches to Single-(Bio)entity Sensing and Imaging. <i>Biosensors</i> , 2018, 8, 100.	2.3	15
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57	Kilohertz frame-rate two-photon tomography. <i>Nature Methods</i> , 2019, 16, 778-786.	9.0	122
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