

Koen J A Martens

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

220
citations

1478505

6
h-index

1474206

9
g-index

13
all docs

13
docs citations

13
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Raw Data to Results: A Hands-On Introduction and Overview of Computational Analysis for Single-Molecule Localization Microscopy. <i>Frontiers in Bioinformatics</i> , 2022, 1, .	2.1	8
2	Integrating engineered point spread functions into the phasor-based single-molecule localization microscopy framework. <i>Methods</i> , 2021, 193, 107-115.	3.8	5
3	Direct Visualization of Native CRISPR Target Search in Live Bacteria Reveals Cascade DNA Surveillance Mechanism. <i>Molecular Cell</i> , 2020, 77, 39-50.e10.	9.7	43
4	Spatiotemporal Heterogeneity of $\hat{\text{I}}^{\text{e}}$ -Carrageenan Gels Investigated via Single-Particle-Tracking Fluorescence Microscopy. <i>Langmuir</i> , 2020, 36, 5502-5509.	3.5	11
5	Visualisation of dCas9 target search in vivo using an open-microscopy framework. <i>Nature Communications</i> , 2019, 10, 3552.	12.8	70
6	Evaluating single-particle tracking by photo-activation localization microscopy (sptPALM) in <i>Lactococcus lactis</i> . <i>Physical Biology</i> , 2019, 16, 035001.	1.8	8
7	Manipulation of Recrystallization and Network Formation of Oil-Dispersed Micronized Fat Crystals. <i>Langmuir</i> , 2019, 35, 2221-2229.	3.5	8
8	Quantitative Structural Analysis of Fat Crystal Networks by Means of Raman Confocal Imaging. <i>JAOCs</i> , <i>Journal of the American Oil Chemists' Society</i> , 2018, 95, 259-265.	1.9	8
9	Phasor based single-molecule localization microscopy in 3D (pSMLM-3D): An algorithm for MHz localization rates using standard CPUs. <i>Journal of Chemical Physics</i> , 2018, 148, 123311.	3.0	50