

# Koen J A Martens

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6916125/publications.pdf>

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9  
papers

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citations

1478505

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1474206

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docs citations

13  
times ranked

314  
citing authors

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