

# Soeren Doose

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5737696/publications.pdf>

Version: 2024-02-01

34  
papers

2,195  
citations

331670

21  
h-index

361022

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3204  
citing authors

#	ARTICLE	IF	CITATIONS
1	LOCAN: a python library for analyzing single-molecule localization microscopy data. <i>Bioinformatics</i> , 2022, 38, 2670-2672.	4.1	8
2	Upregulation of CD38 expression on multiple myeloma cells by novel HDAC6 inhibitors is a class effect and augments the efficacy of daratumumab. <i>Leukemia</i> , 2021, 35, 201-214.	7.2	48
3	Genetic Code Expansion and Click-Chemistry Labeling to Visualize GABA-A Receptors by Super-Resolution Microscopy. <i>Frontiers in Synaptic Neuroscience</i> , 2021, 13, 727406.	2.5	4
4	Bioorthogonal labeling of transmembrane proteins with non-canonical amino acids unveils masked epitopes in live neurons. <i>Nature Communications</i> , 2021, 12, 6715.	12.8	30
5	Whole-cell imaging of plasma membrane receptors by 3D lattice light-sheet dSTORM. <i>Nature Communications</i> , 2020, 11, 887.	12.8	49
6	Super-resolution imaging reveals the nanoscale organization of metabotropic glutamate receptors at presynaptic active zones. <i>Science Advances</i> , 2020, 6, eaay7193.	10.3	52
7	Super-resolution microscopy reveals ultra-low CD19 expression on myeloma cells that triggers elimination by CD19 CAR-T. <i>Nature Communications</i> , 2019, 10, 3137.	12.8	120
8	Bioorthogonal labeling with tetrazine-dyes for super-resolution microscopy. <i>Communications Biology</i> , 2019, 2, 261.	4.4	101
9	Registration and Visualization of Correlative Super-Resolution Microscopy Data. <i>Biophysical Journal</i> , 2019, 116, 2073-2078.	0.5	9
10	Bioorthogonal Click Chemistry Enables Site-specific Fluorescence Labeling of Functional NMDA Receptors for Super-resolution Imaging. <i>Angewandte Chemie</i> , 2018, 130, 16602-16607.	2.0	6
11	Bioorthogonal Click Chemistry Enables Site-specific Fluorescence Labeling of Functional NMDA Receptors for Super-resolution Imaging. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 16364-16369.	13.8	44
12	Î² Cell-specific deletion of guanylyl cyclase A, the receptor for atrial natriuretic peptide, accelerates obesity-induced glucose intolerance in mice. <i>Cardiovascular Diabetology</i> , 2018, 17, 103.	6.8	5
13	Human Autoantibodies against the AMPA Receptor Subunit GluA2 Induce Receptor Reorganization and Memory Dysfunction. <i>Neuron</i> , 2018, 100, 91-105.e9.	8.1	90
14	Nanostructure of DNA repair foci revealed by superresolution microscopy. <i>FASEB Journal</i> , 2018, 32, 6469-6477.	0.5	15
15	Nanostructure of DNA repair foci revealed by superresolution microscopy. , 2018, 32, 6469.		1
16	Characterization of Plasma Membrane Ceramides by Super-resolution Microscopy. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6131-6135.	13.8	59
17	Characterization of Plasma Membrane Ceramides by Super-resolution Microscopy. <i>Angewandte Chemie</i> , 2017, 129, 6227-6231.	2.0	5
18	Gephyrin-binding peptides visualize postsynaptic sites and modulate neurotransmission. <i>Nature Chemical Biology</i> , 2017, 13, 153-160.	8.0	33

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19	Super-Resolution Imaging of Plasma Membrane Proteins with Click Chemistry. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 98.	3.7	17
20	Human autoantibodies to amphiphysin induce defective presynaptic vesicle dynamics and composition. <i>Brain</i> , 2016, 139, 365-379.	7.6	62
21	Artifacts in single-molecule localization microscopy. <i>Histochemistry and Cell Biology</i> , 2015, 144, 123-131.	1.7	84
22	Super-Resolution Imaging of Plasma Membrane Glycans. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10921-10924.	13.8	80
23	Systematic evaluation of fluorescence correlation spectroscopy data analysis on the nanosecond time scale. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10435.	2.8	4
24	Conformational Flexibility of Glycosylated Peptides. <i>ChemPhysChem</i> , 2011, 12, 2907-2911.	2.1	10
25	Hydrogen-Bond Driven Loop-Closure Kinetics in Unfolded Polypeptide Chains. <i>PLoS Computational Biology</i> , 2010, 6, e1000645.	3.2	44
26	Fluorescence Quenching by Photoinduced Electron Transfer: A Reporter for Conformational Dynamics of Macromolecules. <i>ChemPhysChem</i> , 2009, 10, 1389-1398.	2.1	434
27	Importance of Backbone and Solvent Properties for Conformational Dynamics in Polypeptides. <i>ChemPhysChem</i> , 2008, 9, 2687-2689.	2.1	2
28	Probing polyproline structure and dynamics by photoinduced electron transfer provides evidence for deviations from a regular polyproline type II helix. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 17400-17405.	7.1	116
29	Dynamics of Unfolded Polypeptide Chains in Crowded Environment Studied by Fluorescence Correlation Spectroscopy. <i>Journal of Molecular Biology</i> , 2007, 365, 856-869.	4.2	105
30	Polymer Properties of Polythymine as Revealed by Translational Diffusion. <i>Biophysical Journal</i> , 2007, 93, 1224-1234.	0.5	71
31	Optical Amplification from Single Excitons in Colloidal Quantum Dots. <i>Small</i> , 2007, 3, 1856-1858.	10.0	6
32	The initial step of DNA hairpin folding: a kinetic analysis using fluorescence correlation spectroscopy. <i>Nucleic Acids Research</i> , 2006, 34, 2516-2527.	14.5	124
33	A Close Look at Fluorescence Quenching of Organic Dyes by Tryptophan. <i>ChemPhysChem</i> , 2005, 6, 2277-2285.	2.1	155
34	A microscopic view of miniprotein folding: Enhanced folding efficiency through formation of an intermediate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 16650-16655.	7.1	173