

Alexander Auer

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

283
citations

8
h-index

11
g-index

11
ext. papers

381
ext. citations

11.1
avg, IF

3.42
L-index

#	Paper	IF	Citations
10	Detecting structural heterogeneity in single-molecule localization microscopy data. <i>Nature Communications</i> , 2021 , 12, 3791	17.4	3
9	nanoTRON: a Picasso module for MLP-based classification of super-resolution data. <i>Bioinformatics</i> , 2020 , 36, 3620-3622	7.2	6
8	Complex multicomponent patterns rendered on a 3D DNA-barrel pegboard. <i>Nature Communications</i> , 2020 , 11, 5768	17.4	13
7	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically-Encoded Probes for DNA-PAINT. <i>Angewandte Chemie</i> , 2019 , 131, 13138-13142	3.6	13
6	Bacterially Derived Antibody Binders as Small Adapters for DNA-PAINT Microscopy. <i>ChemBioChem</i> , 2019 , 20, 1032-1038	3.8	17
5	Direct Visualization of Single Nuclear Pore Complex Proteins Using Genetically-Encoded Probes for DNA-PAINT. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13004-13008	16.4	57
4	An order of magnitude faster DNA-PAINT imaging by optimized sequence design and buffer conditions. <i>Nature Methods</i> , 2019 , 16, 1101-1104	21.6	55
3	Nanometer-scale Multiplexed Super-Resolution Imaging with an Economic 3D-DNA-PAINT Microscope. <i>ChemPhysChem</i> , 2018 , 19, 3024-3034	3.2	19
2	Correlative Single-Molecule FRET and DNA-PAINT Imaging. <i>Nano Letters</i> , 2018 , 18, 4626-4630	11.5	34
1	Fast, Background-Free DNA-PAINT Imaging Using FRET-Based Probes. <i>Nano Letters</i> , 2017 , 17, 6428-6434	11.5	66