

# Tina ZÃ¼chner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1875596/publications.pdf>

Version: 2024-02-01

9  
papers

246  
citations

1307594

7  
h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Light Microscopy with Doughnut Modes: A Concept to Detect, Characterize, and Manipulate Individual Nanoobjects. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5274-5293.	13.8	70
2	A novel approach to detect and characterize the scattering patterns of single Au nanoparticles using confocal microscopy. <i>Journal of Microscopy</i> , 2008, 229, 337-343.	1.8	48
3	Three-dimensional photoluminescence mapping and emission anisotropy of single gold nanorods. <i>Applied Physics Letters</i> , 2012, 100, 263102.	3.3	42
4	Topology measurements of metal nanoparticles with 1 nm accuracy by Confocal Interference Scattering Microscopy. <i>Optics Express</i> , 2007, 15, 8532.	3.4	26
5	Conformational State Distributions and Catalytically Relevant Dynamics of A Hinge-Bending Enzyme Studied by Single-Molecule FRET and a Coarse-Grained Simulation. <i>Biophysical Journal</i> , 2014, 107, 1913-1923.	0.5	23
6	Probing dielectric interfaces on the nanoscale with elastic scattering patterns of single gold nanorods. <i>Optics Express</i> , 2008, 16, 14635.	3.4	17
7	Nanoscale characterization of single Au nanorods by confocal microscopy. <i>Applied Surface Science</i> , 2009, 255, 5391-5395.	6.1	14
8	Complete three-dimensional optical characterization of single gold nanorods. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
9	Nanoscale Characterization of Single Metal Nanoparticles by their Scattering Patterns. , 2008, , .		0