

# Tian Zhao

## List of Publications by Year in descending order

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12  
papers

262  
citations

1163117

8  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

331  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in multi-dimensional super-resolution nonlinear optical microscopy. <i>Advances in Physics: X</i> , 2021, 6, .	4.1	2
2	Leveraging lifetime information to perform real-time 3D single-particle tracking in noisy environments. <i>Journal of Chemical Physics</i> , 2021, 155, 164201.	3.0	8
3	Unexpected Near-Infrared to Visible Nonlinear Optical Properties from 2-D Polar Metals. <i>Nano Letters</i> , 2020, 20, 8312-8318.	9.1	22
4	Photoluminescence of single gold nanorods following nonlinear excitation. <i>Journal of Chemical Physics</i> , 2020, 153, 061101.	3.0	6
5	Linear and nonlinear chiroptical response from individual 3D printed plasmonic and dielectric micro-helices. <i>Journal of Chemical Physics</i> , 2020, 153, 154702.	3.0	11
6	Epitaxial graphene/silicon carbide intercalation: a minireview on graphene modulation and unique 2D materials. <i>Nanoscale</i> , 2019, 11, 15440-15447.	5.6	85
7	Quantification of Interface-Dependent Plasmon Quality Factors Using Single-Beam Nonlinear Optical Interferometry. <i>Analytical Chemistry</i> , 2018, 90, 13702-13707.	6.5	8
8	State-Resolved Metal Nanoparticle Dynamics Viewed through the Combined Lenses of Ultrafast and Magneto-optical Spectroscopies. <i>Accounts of Chemical Research</i> , 2018, 51, 1433-1442.	15.6	42
9	Axial point source localization using variable displacementâ€“change point detection. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2018, 35, 1140.	2.1	2
10	Plasmon Dephasing in Gold Nanorods Studied Using Single-Nanoparticle Interferometric Nonlinear Optical Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4071-4079.	3.1	30
11	Plasmon-Mediated Two-Photon Photoluminescence-Detected Circular Dichroism in Gold Nanosphere Assemblies. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 765-770.	4.6	11
12	Investigating Plasmonic Structure-Dependent Light Amplification and Electronic Dynamics Using Advances in Nonlinear Optical Microscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15779-15800.	3.1	35