

Wenxiao Wang

List of Publications by Year in descending order

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14
papers

796
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1242
citing authors

#	ARTICLE	IF	CITATIONS
1	Single Particle Tracking: From Theory to Biophysical Applications. <i>Chemical Reviews</i> , 2017, 117, 7331-7376.	47.7	392
2	Fast Step Transition and State Identification (STaSI) for Discrete Single-Molecule Data Analysis. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3157-3161.	4.6	79
3	Hot Holes Assist Plasmonic Nanoelectrode Dissolution. <i>Nano Letters</i> , 2019, 19, 1301-1306.	9.1	76
4	Vibrational coupling in plasmonic molecules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11621-11626.	7.1	49
5	Super Temporal-Resolved Microscopy (STReM). <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 4524-4529.	4.6	33
6	Generalized recovery algorithm for 3D super-resolution microscopy using rotating point spread functions. <i>Scientific Reports</i> , 2016, 6, 30826.	3.3	29
7	Single-Molecule Kinetics of Protein Adsorption on Thin Nylon-6,6 Films. <i>Analytical Chemistry</i> , 2016, 88, 9926-9933.	6.5	25
8	Snapshot Hyperspectral Imaging (SHI) for Revealing Irreversible and Heterogeneous Plasmonic Processes. <i>Journal of Physical Chemistry C</i> , 2018, 122, 6865-6875.	3.1	25
9	Enhancing Analytical Separations Using Super-Resolution Microscopy. <i>Annual Review of Physical Chemistry</i> , 2018, 69, 353-375.	10.8	18
10	Super-Temporal-Resolved Microscopy Reveals Multistep Desorption Kinetics of β -Lactalbumin from Nylon. <i>Langmuir</i> , 2018, 34, 6697-6702.	3.5	16
11	A mechanistic examination of salting out in protein-polymer membrane interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 22938-22945.	7.1	16
12	Generalized method to design phase masks for 3D super-resolution microscopy. <i>Optics Express</i> , 2019, 27, 3799.	3.4	16
13	Variable Lysozyme Transport Dynamics on Oxidatively Functionalized Polystyrene Films. <i>Langmuir</i> , 2017, 33, 10818-10828.	3.5	15
14	Polymer Free Volume Effects on Protein Dynamics in Polystyrene Revealed by Single-Molecule Spectroscopy. <i>Langmuir</i> , 2020, 36, 2330-2338.	3.5	7