

# Ping Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4870132/publications.pdf>

Version: 2024-02-01

20  
papers

1,121  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1316  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Vibrational Imaging by Hyperspectral Stimulated Raman Scattering Microscopy and Multivariate Curve Resolution Analysis. <i>Analytical Chemistry</i> , 2013, 85, 98-106.	6.5	198
2	Microsecond scale vibrational spectroscopic imaging by multiplex stimulated Raman scattering microscopy. <i>Light: Science and Applications</i> , 2015, 4, e265-e265.	16.6	172
3	Fast Vibrational Imaging of Single Cells and Tissues by Stimulated Raman Scattering Microscopy. <i>Accounts of Chemical Research</i> , 2014, 47, 2282-2290.	15.6	134
4	Label-Free Quantitative Imaging of Cholesterol in Intact Tissues by Hyperspectral Stimulated Raman Scattering Microscopy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13042-13046.	13.8	91
5	Polydiacetylene-based ultrastrong bioorthogonal Raman probes for targeted live-cell Raman imaging. <i>Nature Communications</i> , 2020, 11, 81.	12.8	87
6	Imaging Lipid Metabolism in Live <i>Caenorhabditis elegans</i> Using Fingerprint Vibrations. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 11787-11792.	13.8	78
7	Near-resonance enhanced label-free stimulated Raman scattering microscopy with spatial resolution near 130 nm. <i>Light: Science and Applications</i> , 2018, 7, 81.	16.6	66
8	Hyperspectral Stimulated Raman Scattering Microscopy Unravels Aberrant Accumulation of Saturated Fat in Human Liver Cancer. <i>Analytical Chemistry</i> , 2018, 90, 6362-6366.	6.5	48
9	Label-Free Imaging of Nanoparticle Uptake Competition in Single Cells by Hyperspectral Stimulated Raman Scattering. <i>Small</i> , 2018, 14, 1703246.	10.0	37
10	Photoactive G-Quadruplex Ligand Identifies Multiple G-Quadruplex-Related Proteins with Extensive Sequence Tolerance in the Cellular Environment. <i>Journal of the American Chemical Society</i> , 2021, 143, 1917-1923.	13.7	37
11	Small Unnatural Amino Acid Carried Raman Tag for Molecular Imaging of Genetically Targeted Proteins. <i>Journal of Physical Chemistry Letters</i> , 2018, 9, 4679-4685.	4.6	34
12	Vibrational Fingerprint Mapping Reveals Spatial Distribution of Functional Groups of Lignin in Plant Cell Wall. <i>Analytical Chemistry</i> , 2015, 87, 9436-9442.	6.5	32
13	Coherent Raman Scattering Unravelling Mechanisms Underlying Skull Optical Clearing for Through-Skull Brain Imaging. <i>Analytical Chemistry</i> , 2019, 91, 9371-9375.	6.5	29
14	Imaging Chemical Kinetics of Radical Polymerization with an Ultrafast Coherent Raman Microscope. <i>Advanced Science</i> , 2020, 7, 1903644.	11.2	29
15	Nucleobase Clustering Contributes to the Formation and Hollowing of Repeat-Expansion RNA Condensate. <i>Journal of the American Chemical Society</i> , 2022, 144, 4716-4720.	13.7	14
16	Far-field transient absorption nanoscopy with sub-50 nm optical super-resolution. <i>Optica</i> , 2020, 7, 1402.9.3		12
17	Photostable lysosomal imaging of living cell with hyperspectral stimulated Raman scattering microscopy using a probe based on bisarylbutadiyne. <i>Chinese Chemical Letters</i> , 2019, 30, 1393-1396.	9.0	8
18	Unbound Natural Organic Matter Competes with Nanoparticles for Internalization Receptors During Cell Uptake. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15215-15224.	10.0	7

#	ARTICLE	IF	CITATIONS
19	Direct Imaging of Integrated Circuits in CPU with 60 nm Super-Resolution Optical Microscope. Nano Letters, 2021, 21, 3887-3893.	9.1	5
20	Phosphorylation at Ser724 of the ER stress sensor IRE1 $\beta$ governs its activation state and limits ER stress-induced hepatosteatosis. Journal of Biological Chemistry, 2022, 298, 101997.	3.4	3