

# Zhi-Cong Zeng

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

634  
citations

840776

11  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Journal of the American Chemical Society</i> , 2015, 137, 11928-11931.	13.7	232
2	Tip-enhanced Raman spectroscopy: tip-related issues. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8177-8195.	3.7	113
3	Novel Electrochemical Raman Spectroscopy Enabled by Water Immersion Objective. <i>Analytical Chemistry</i> , 2016, 88, 9381-9385.	6.5	49
4	Rational fabrication of a gold-coated AFM TERS tip by pulsed electrodeposition. <i>Nanoscale</i> , 2015, 7, 18225-18231.	5.6	46
5	Tip-enhanced Raman spectroscopy for investigating adsorbed nonresonant molecules on single-crystal surfaces: tip regeneration, probe molecule, and enhancement effect. <i>Journal of Raman Spectroscopy</i> , 2009, 40, 1400-1406.	2.5	43
6	Photothermal Microscopy of Coupled Nanostructures and the Impact of Nanoscale Heating in Surface-Enhanced Raman Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2017, 121, 11623-11631.	3.1	38
7	An electrochemical surface-enhanced Raman spectroscopic study on nanorod-structured lithium prepared by electrodeposition. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 1017-1023.	2.5	30
8	Electrochemical Tip-Enhanced Raman Spectroscopy with Improved Sensitivity Enabled by a Water Immersion Objective. <i>Analytical Chemistry</i> , 2019, 91, 11092-11097.	6.5	26
9	Electrochemical fabrication of silver tips for tip-enhanced Raman spectroscopy assisted by a machine vision system. <i>Journal of Raman Spectroscopy</i> , 2016, 47, 808-812.	2.5	20
10	Atomic Force Microscopy Based Top-Illumination Electrochemical Tip-Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 12548-12555.	6.5	19
11	Elucidating Protein/Ligand Recognition with Combined Surface Plasmon Resonance and Surface Enhanced Raman Spectroscopy. <i>Analytical Chemistry</i> , 2017, 89, 13074-13081.	6.5	17
12	A sensitive, low noise, DC to 12 MHz, large area photodiode preamplifier for photothermal heterodyne imaging. <i>Review of Scientific Instruments</i> , 2018, 89, 083105.	1.3	1