Zhi-Cong Zeng

List of Publications by Year
in descending order

12	634	840776 11	1199594 12
papers	citations	h-index	g-index

12	12	12	979
all docs	docs citations	times ranked	citing authors

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