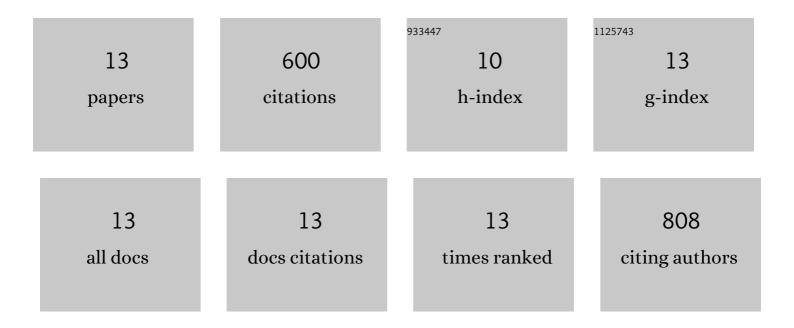
Gregory Q Wallace

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7517022/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Deep learning and artificial intelligence methods for Raman and surface-enhanced Raman scattering. TrAC - Trends in Analytical Chemistry, 2020, 124, 115796.	11.4	324
2	Branched Au Nanoparticles on Nanofibers for Surface-Enhanced Raman Scattering Sensing of Intracellular pH and Extracellular pH Gradients. ACS Sensors, 2020, 5, 2155-2167.	7.8	54
3	Advancements in fractal plasmonics: structures, optical properties, and applications. Analyst, The, 2019, 144, 13-30.	3.5	40
4	Dendritic Plasmonics for Mid-Infrared Spectroscopy. Journal of Physical Chemistry C, 2017, 121, 9497-9507.	3.1	33
5	Controlled positioning of analytes and cells on a plasmonic platform for glycan sensing using surface enhanced Raman spectroscopy. Chemical Science, 2016, 7, 575-582.	7.4	31
6	Superimposed Arrays of Nanoprisms for Multispectral Molecular Plasmonics. ACS Photonics, 2016, 3, 1723-1732.	6.6	30
7	From single cells to complex tissues in applications of surface-enhanced Raman scattering. Analyst, The, 2020, 145, 7162-7185.	3.5	25
8	The role of bone sialoprotein in the tendon–bone insertion. Matrix Biology, 2016, 52-54, 325-338.	3.6	17
9	Exploiting Anisotropy of Plasmonic Nanostructures with Polarization Modulation Infrared Linear Dichroism Microscopy (µPM″RLD). Advanced Optical Materials, 2018, 6, 1701336.	7.3	15
10	Probing the Plasmonic Properties of Heterometallic Nanoprisms with Near-Field Fluorescence Microscopy. Journal of Physical Chemistry C, 2016, 120, 20267-20276.	3.1	14
11	A nanoaggregate-on-mirror platform for molecular and biomolecular detection by surface-enhanced Raman spectroscopy. Analytical and Bioanalytical Chemistry, 2016, 408, 609-618.	3.7	9
12	A blueprint for performing SERS measurements in tissue with plasmonic nanofibers. Journal of Chemical Physics, 2020, 153, 124702.	3.0	4
13	Sierpiński Fractals as Plasmonic Metastructures for Second-Harmonic Generation. ACS Applied Nano Materials, 2020, 3, 3922-3929.	5.0	4