

# Gregory Q Wallace

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7517022/publications.pdf>

Version: 2024-02-01

13  
papers

600  
citations

933447

10  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

808  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning and artificial intelligence methods for Raman and surface-enhanced Raman scattering. <i>TrAC - Trends in Analytical Chemistry</i> , 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. <i>ACS Sensors</i> , 2020, 5, 2155-2167.	7.8	54
3	Advancements in fractal plasmonics: structures, optical properties, and applications. <i>Analyst, The</i> , 2019, 144, 13-30.	3.5	40
4	Dendritic Plasmonics for Mid-Infrared Spectroscopy. <i>Journal of Physical Chemistry C</i> , 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. <i>Chemical Science</i> , 2016, 7, 575-582.	7.4	31
6	Superimposed Arrays of Nanoprisms for Multispectral Molecular Plasmonics. <i>ACS Photonics</i> , 2016, 3, 1723-1732.	6.6	30
7	From single cells to complex tissues in applications of surface-enhanced Raman scattering. <i>Analyst, The</i> , 2020, 145, 7162-7185.	3.5	25
8	The role of bone sialoprotein in the tendonâ€“bone insertion. <i>Matrix Biology</i> , 2016, 52-54, 325-338.	3.6	17
9	Exploiting Anisotropy of Plasmonic Nanostructures with Polarization Modulation Infrared Linear Dichroism Microscopy ( $\mu\text{PM}^2\text{IRLD}$ ). <i>Advanced Optical Materials</i> , 2018, 6, 1701336.	7.3	15
10	Probing the Plasmonic Properties of Heterometallic Nanoprisms with Near-Field Fluorescence Microscopy. <i>Journal of Physical Chemistry C</i> , 2016, 120, 20267-20276.	3.1	14
11	A nanoaggregate-on-mirror platform for molecular and biomolecular detection by surface-enhanced Raman spectroscopy. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 609-618.	3.7	9
12	A blueprint for performing SERS measurements in tissue with plasmonic nanofibers. <i>Journal of Chemical Physics</i> , 2020, 153, 124702.	3.0	4
13	SierpiÅ„ski Fractals as Plasmonic Metastructures for Second-Harmonic Generation. <i>ACS Applied Nano Materials</i> , 2020, 3, 3922-3929.	5.0	4