

# Vignesh Sundaresan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2102885/publications.pdf>

Version: 2024-02-01

13  
papers

572  
citations

1163117

8  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

1011  
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Resolution Imaging and Plasmonics. <i>Chemical Reviews</i> , 2017, 117, 7538-7582.	47.7	237
2	Hot Carriers versus Thermal Effects: Resolving the Enhancement Mechanisms for Plasmon-Mediated Photoelectrochemical Reactions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 5040-5048.	3.1	135
3	Visualizing the Effect of Partial Oxide Formation on Single Silver Nanoparticle Electrodeposition. <i>Journal of Physical Chemistry C</i> , 2018, 122, 3138-3145.	3.1	80
4	Three-Dimensional Super-resolution Imaging of Single Nanoparticles Delivered by Pipettes. <i>ACS Nano</i> , 2017, 11, 10529-10538.	14.6	30
5	Monitoring Simultaneous Electrochemical Reactions with Single Particle Imaging. <i>ChemElectroChem</i> , 2018, 5, 3052-3058.	3.4	20
6	Plasmon Heating Promotes Ligand Reorganization on Single Gold Nanorods. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1394-1401.	4.6	18
7	Visualizing and Calculating Tip-Substrate Distance in Nanoscale Scanning Electrochemical Microscopy Using 3-Dimensional Super-Resolution Optical Imaging. <i>Analytical Chemistry</i> , 2017, 89, 922-928.	6.5	15
8	Electrochemical and spectroelectrochemical characterization of bacteria and bacterial systems. <i>Analyst</i> , 2021, 147, 22-34.	3.5	10
9	Acid-base chemistry at the single ion limit. <i>Chemical Science</i> , 2020, 11, 10951-10958.	7.4	9
10	Electrochemical Zero-Mode Waveguide Potential-Dependent Fluorescence of Glutathione Reductase at Single-Molecule Occupancy. <i>Analytical Chemistry</i> , 2022, 94, 3970-3977.	6.5	8
11	Potential dependent spectroelectrochemistry of electrofluorogenic dyes on indium oxide. <i>Electrochemical Science Advances</i> , 2022, 2, e2100094.	2.8	5
12	Actively Controllable Solid-Phase Microextraction in a Hierarchically Organized Block Copolymer-Nanopore Electrode Array Sensor for Charge-Selective Detection of Bacterial Metabolites. <i>Analytical Chemistry</i> , 2021, 93, 14481-14488.	6.5	5
13	Spatiotemporal distribution of chemical signatures exhibited by <i>Myxococcus xanthus</i> in response to metabolic conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 1691-1698.	3.7	0