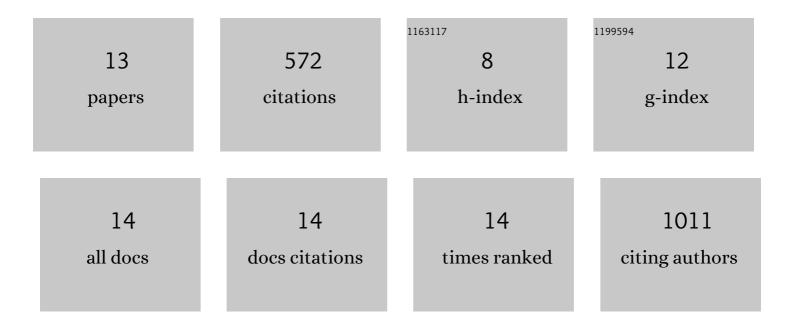
## Vignesh Sundaresan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2102885/publications.pdf Version: 2024-02-01



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