

# Anandhakumar Sukeri

## List of Publications by Citations

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26

papers

560

citations

15

h-index

23

g-index

26

ext. papers

662

ext. citations

4.3

avg, IF

4.35

L-index

#	Paper	IF	Citations
26	A facile electrochemical approach to fabricate a nanoporous gold film electrode and its electrocatalytic activity towards dissolved oxygen reduction. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 28510-4	3.6	57
25	Electrochemical dopamine sensor using a nanoporous gold microelectrode: a proof-of-concept study for the detection of dopamine release by scanning electrochemical microscopy. <i>Mikrochimica Acta</i> , <b>2018</b> , 185, 367	5.8	45
24	Electrochemical detection of mercury using biosynthesized hydroxyapatite nanoparticles modified glassy carbon electrodes without preconcentration. <i>RSC Advances</i> , <b>2015</b> , 5, 68587-68594	3.7	44
23	Correlating surface growth of nanoporous gold with electrodeposition parameters to optimize amperometric sensing of nitrite. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 263, 237-247	8.5	40
22	Non-enzymatic organophosphorus pesticide detection using gold atomic cluster modified electrode. <i>Electrochemistry Communications</i> , <b>2014</b> , 38, 15-18	5.1	33
21	Anodic stripping voltammetric detection of mercury(II) using Au-PEDOT modified carbon paste electrode. <i>Analytical Methods</i> , <b>2012</b> , 4, 2486	3.2	33
20	Electrocatalytic oxidation of NADH at low overpotential using nanoporous poly(3,4)-ethylenedioxythiophene modified glassy carbon electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2015</b> , 746, 75-81	4.1	32
19	Detection of lead(II) using an glassy carbon electrode modified with Nafion, carbon nanotubes and benzo-18-crown-6. <i>Mikrochimica Acta</i> , <b>2013</b> , 180, 1065-1071	5.8	29
18	Electrodeposited honeycomb-like dendritic porous gold surface: An efficient platform for enzyme-free hydrogen peroxide sensor at low overpotential. <i>Journal of Electroanalytical Chemistry</i> , <b>2017</b> , 805, 18-23	4.1	25
17	Unusual seedless approach to gold nanoparticle synthesis: application to selective rapid naked eye detection of mercury(II). <i>Analyst, The</i> , <b>2014</b> , 139, 3356-9	5	24
16	Development of non-enzymatic and highly selective hydrogen peroxide sensor based on nanoporous gold prepared by a simple unusual electrochemical approach. <i>Microchemical Journal</i> , <b>2017</b> , 133, 149-154	4.8	23
15	Simultaneous Determination of Cadmium and Lead Using PEDOT/PSS Modified Glassy Carbon Electrode. <i>American Journal of Analytical Chemistry</i> , <b>2011</b> , 02, 470-474	0.7	20
14	Anodic stripping voltammetric determination of cadmium using a "mercury free" indium film electrode. <i>Analyst, The</i> , <b>2013</b> , 138, 5674-8	5	19
13	Nanoporous Gold Microelectrode: A Novel Sensing Platform for Highly Sensitive and Selective Determination of Arsenic (III) using Anodic Stripping Voltammetry. <i>Electroanalysis</i> , <b>2017</b> , 29, 2316-2322	3	18
12	Anodic oxidation of chlorophenols in micelles and microemulsions on glassy carbon electrode: the medium effect on electroanalysis and electrochemical detoxification. <i>Journal of Applied Electrochemistry</i> , <b>2010</b> , 40, 303-310	2.6	17
11	New strategy to fabricate a polydopamine functionalized self-supported nanoporous gold film electrode for electrochemical sensing applications. <i>Electrochemistry Communications</i> , <b>2020</b> , 110, 106622	5.1	15
10	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. <i>Electrochimica Acta</i> , <b>2016</b> , 222, 1682-1690	6.7	15

9	Fabrication of nanoporous gold-islands via hydrogen bubble template: An efficient electrocatalyst for oxygen reduction and hydrogen evolution reactions. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 15001-15008	6.7	14
8	Electrocarboxylation and related radical coupling processes of aryl and benzyl halides in microemulsion. <i>Journal of Applied Electrochemistry</i> , <b>2009</b> , 39, 463-465	2.6	14
7	Development of a tetraphenylporphyrin cobalt (II) modified glassy carbon electrode to monitor oxygen consumption in biological samples. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 775, 72-76	4.1	10
6	Nanoporous Gold Surface: An Efficient Platform for Hydrogen Evolution Reaction at Very Low Overpotential. <i>Journal of the Brazilian Chemical Society</i> , <b>2017</b> ,	1.5	7
5	Potentiometric glucose biosensing using camphor sulfonic acid doped polyaniline. <i>Analytical Methods</i> , <b>2012</b> , 4, 1838	3.2	7
4	Electrochemical Studies of Hydrogen Peroxide Oxidation on a Nanoporous Gold Surface: Fundamental and Analytical Applications. <i>Journal of the Electrochemical Society</i> , <b>2020</b> , 167, 116507	3.9	5
3	Fabrication of dendritic nanoporous gold via a two-step amperometric approach: Application for electrochemical detection of methyl parathion in river water samples. <i>Talanta</i> , <b>2021</b> , 226, 122130	6.2	5
2	An Amberlite IRA-400 Cl ion-exchange resin modified with seeds as an efficient Pb adsorbent: adsorption, kinetics, thermodynamics, and computational modeling studies by density functional theory.. <i>RSC Advances</i> , <b>2021</b> , 11, 4478-4488	3.7	5
1	A novel approach for one-step fabrication of platinum-nanoporous gold film via oxygen bubble template with enhanced electrochemical activity. <i>Electrochemistry Communications</i> , <b>2019</b> , 100, 96-99	5.1	4