Anandhakumar Sukeri

List of Publications by Year in Descending Order

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	Fabrication of dendritic nanoporous gold via a two-step amperometric approach: Application for electrochemical detection of methyl parathion in river water samples. *Talanta*, **2021**, 226, 122130	6.2	5
25	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.. *RSC Advances*, **2021**, 11, 4478-4488	3.7	5
24	Electrochemical Studies of Hydrogen Peroxide Oxidation on a Nanoporous Gold Surface: Fundamental and Analytical Applications. *Journal of the Electrochemical Society*, **2020**, 167, 116507	3.9	5
23	New strategy to fabricate a polydopamine functionalized self-supported nanoporous gold film electrode for electrochemical sensing applications. *Electrochemistry Communications*, **2020**, 110, 106622	5.1	15
22	Fabrication of nanoporous gold-islands via hydrogen bubble template: An efficient electrocatalyst for oxygen reduction and hydrogen evolution reactions. *International Journal of Hydrogen Energy*, **2019**, 44, 15001-15008	6.7	14
21	A novel approach for one-step fabrication of platinum-nanoporous gold film via oxygen bubble template with enhanced electrochemical activity. *Electrochemistry Communications*, **2019**, 100, 96-99	5.1	4
20	Correlating surface growth of nanoporous gold with electrodeposition parameters to optimize amperometric sensing of nitrite. *Sensors and Actuators B: Chemical*, **2018**, 263, 237-247	8.5	40
19	Electrochemical dopamine sensor using a nanoporous gold microelectrode: a proof-of-concept study for the detection of dopamine release by scanning electrochemical microscopy. *Mikrochimica Acta*, **2018**, 185, 367	5.8	45
18	Development of non-enzymatic and highly selective hydrogen peroxide sensor based on nanoporous gold prepared by a simple unusual electrochemical approach. *Microchemical Journal*, **2017**, 133, 149-154	4.8	23
17	Electrodeposited honeycomb-like dendritic porous gold surface: An efficient platform for enzyme-free hydrogen peroxide sensor at low overpotential. *Journal of Electroanalytical Chemistry*, **2017**, 805, 18-23	4.1	25
16	Nanoporous Gold Surface: An Efficient Platform for Hydrogen Evolution Reaction at Very Low Overpotential. *Journal of the Brazilian Chemical Society*, **2017**,	1.5	7
15	Nanoporous Gold Microelectrode: A Novel Sensing Platform for Highly Sensitive and Selective Determination of Arsenic (III) using Anodic Stripping Voltammetry. *Electroanalysis*, **2017**, 29, 2316-2322	3	18
14	Development of a tetraphenylporphyrin cobalt (II) modified glassy carbon electrode to monitor oxygen consumption in biological samples. *Journal of Electroanalytical Chemistry*, **2016**, 775, 72-76	4.1	10
13	CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. *Electrochimica Acta*, **2016**, 222, 1682-1690	6.7	15
12	Electrochemical detection of mercury using biosynthesized hydroxyapatite nanoparticles modified glassy carbon electrodes without preconcentration. *RSC Advances*, **2015**, 5, 68587-68594	3.7	44
11	Electrocatalytic oxidation of NADH at low overpotential using nanoporous poly(3,4)-ethylenedioxythiophene modified glassy carbon electrode. *Journal of Electroanalytical Chemistry*, **2015**, 746, 75-81	4.1	32
10	A facile electrochemical approach to fabricate a nanoporous gold film electrode and its electrocatalytic activity towards dissolved oxygen reduction. *Physical Chemistry Chemical Physics*, **2015**, 17, 28510-4	3.6	57

9	Unusual seedless approach to gold nanoparticle synthesis: application to selective rapid naked eye detection of mercury(II). *Analyst, The*, **2014**, 139, 3356-9	5	24
8	Non-enzymatic organophosphorus pesticide detection using gold atomic cluster modified electrode. *Electrochemistry Communications*, **2014**, 38, 15-18	5.1	33
7	Anodic stripping voltammetric determination of cadmium using a "mercury free" indium film electrode. *Analyst, The*, **2013**, 138, 5674-8	5	19
6	Detection of lead(II) using an glassy carbon electrode modified with Nafion, carbon nanotubes and benzo-18-crown-6. *Mikrochimica Acta*, **2013**, 180, 1065-1071	5.8	29
5	Anodic stripping voltammetric detection of mercury(II) using Au-PEDOT modified carbon paste electrode. *Analytical Methods*, **2012**, 4, 2486	3.2	33
4	Potentiometric glucose biosensing using camphor sulfonic acid doped polyaniline. *Analytical Methods*, **2012**, 4, 1838	3.2	7
3	Simultaneous Determination of Cadmium and Lead Using PEDOT/PSS Modified Glassy Carbon Electrode. *American Journal of Analytical Chemistry*, **2011**, 02, 470-474	0.7	20
2	Anodic oxidation of chlorophenols in micelles and microemulsions on glassy carbon electrode: the medium effect on electroanalysis and electrochemical detoxification. *Journal of Applied Electrochemistry*, **2010**, 40, 303-310	2.6	17
1	Electrocarboxylation and related radical coupling processes of aryl and benzyl halides in microemulsion. *Journal of Applied Electrochemistry*, **2009**, 39, 463-465	2.6	14