

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

1,130
citations

18
h-index

30
g-index

61
ext. papers

1,294
ext. citations

4
avg, IF

4.55
L-index

#	Paper	IF	Citations
60	Ultrasensitive, rapid and inexpensive detection of DNA using paper based lateral flow assay. <i>Scientific Reports</i> , 2016 , 6, 37732	4.9	94
59	DNA biosensors based on gold nanoparticles-modified graphene oxide for the detection of breast cancer biomarkers for early diagnosis. <i>Bioelectrochemistry</i> , 2017 , 118, 91-99	5.6	91
58	Determination of traces of nitrite and nitrate in water by solid phase spectrophotometry. <i>Analytica Chimica Acta</i> , 2000 , 410, 185-192	6.6	67
57	Hydrogen chromate PVC matrix membrane sensor for potentiometric determination of chromium(III) and chromium(VI) ions. <i>Talanta</i> , 1996 , 43, 797-804	6.2	53
56	A novel sensitive amperometric choline biosensor based on multiwalled carbon nanotubes and gold nanoparticles. <i>Talanta</i> , 2017 , 167, 462-469	6.2	46
55	A cysteine sensor based on a gold nanoparticle-iron phthalocyanine modified graphite paste electrode. <i>Analytical Methods</i> , 2015 , 7, 2529-2536	3.2	43
54	New triiodomercurate-modified carbon paste electrode for the potentiometric determination of mercury. <i>Analytica Chimica Acta</i> , 2003 , 478, 329-335	6.6	35
53	Catalase based hydrogen peroxide biosensor for mercury determination by inhibition measurements. <i>Journal of Hazardous Materials</i> , 2017 , 340, 344-350	12.8	32
52	Cetylpyridinium-iodomercurate PVC membrane ion selective electrode for the determination of cetylpyridinium cation in Ezafluor mouth wash and as a detector for some potentiometric titrations. <i>Talanta</i> , 2000 , 53, 425-32	6.2	30
51	Multicomponent analysis of some environmentally important gases using semiconductor tin oxide sensors. <i>Analytica Chimica Acta</i> , 2001 , 431, 181-194	6.6	27
50	PVC membrane ion selective electrode for the determination of pentachlorophenol in water, wood and soil using tetrazolium pentachlorophenolate. <i>Talanta</i> , 2001 , 55, 647-56	6.2	25
49	Silicon Nitride Capacitive Chemical Sensor for Phosphate Ion Detection Based on Copper Phthalocyanine Acrylate-polymer. <i>Electroanalysis</i> , 2017 , 29, 1586-1595	3	24
48	Electrocatalytic Nitrite Determination Using Iron Phthalocyanine Modified Gold Nanoparticles. <i>Electroanalysis</i> , 2015 , 27, 1086-1096	3	24
47	Spectrophotometric determination of traces of cobalt in water after preconcentration on reagent-loaded polyurethane foams. <i>Analytica Chimica Acta</i> , 1980 , 119, 113-119	6.6	24
46	Novel lipoate-selective membrane sensor for the flow injection determination of alpha-lipoic acid in pharmaceutical preparations and urine. <i>Talanta</i> , 2008 , 74, 1113-21	6.2	22
45	Novel solid-state cadmium ion-selective electrodes based on its tetraiodo- and tetrabromo-ion pairs with cetylpyridinium. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 576, 205-213	4.1	22
44	Development of a perchlorate sensor based on Co-phthalocyanine derivative by impedance spectroscopy measurements. <i>Organic Electronics</i> , 2015 , 16, 77-86	3.5	21

43	Potentiometric electronic tongue to resolve mixtures of sulfide and perchlorate anions. <i>Sensors</i> , 2011 , 11, 3214-26	3.8	21
42	Selective phosphate sensing using copper monoamino-phthalocyanine functionalized acrylate polymer-based solid-state electrode for FIA of environmental waters. <i>Journal of Solid State Electrochemistry</i> , 2016 , 20, 1599-1612	2.6	18
41	First derivative spectrophotometric determination of uranium(VI) and vanadium(V) in natural and saline waters and some synthetic matrices using PAR and cetylpyridinium chloride. <i>Analytica Chimica Acta</i> , 2001 , 436, 223-231	6.6	18
40	Simultaneous determination of ascorbic acid, uric acid and dopamine using silver nanoparticles and copper monoamino-phthalocyanine functionalised acrylate polymer. <i>Analytical Methods</i> , 2020 , 12, 3883-3891	3.3	18
39	Gallamine-tetraphenylborate-modified carbon paste electrode for the potentiometric determination of gallamine triethiodide (flaxedil). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 31, 819-26	3.5	17
38	A novel membrane sensor for histamine H1-receptor antagonist "fexofenadine". <i>Analytical Sciences</i> , 2004 , 20, 1137-42	1.7	17
37	Preconcentration of phenylmercury, methylmercury and inorganic mercury from natural waters with diethylammonium diethyldithiocarbamate-loaded polyurethane foam. <i>Analytica Chimica Acta</i> , 1981 , 131, 311-314	6.6	17
36	Novel iron (III) phthalocyanine derivative functionalized semiconductor based transducers for the detection of citrate. <i>Organic Electronics</i> , 2016 , 34, 200-207	3.5	17
35	Determination of prostate cancer biomarker acid phosphatase at a copper phthalocyanine-modified screen printed gold transducer. <i>Analytica Chimica Acta</i> , 2019 , 1057, 98-105	6.6	17
34	Multicomponent gas analysis of a mixture of chloroform, octane and toluene using a piezoelectric quartz crystal sensor array. <i>Analytica Chimica Acta</i> , 1999 , 393, 67-76	6.6	16
33	Radioisotope-induced x-ray fluorescence termination of phenylmercury, methylmercury and inorganic mercury in water after preconcentration on diethylammonium diethyldithiocarbamate-loaded polyurethane foam discs. <i>Analytica Chimica Acta</i> , 1984 , 160, 277-282	6.6	15
32	Evaluation of Bismuth Modified Carbon Thread Electrode for Simultaneous and Highly Sensitive Cd (II) and Pb (II) Determination. <i>Electroanalysis</i> , 2016 , 28, 2205-2213	3	15
31	Solid Phase Spectrophotometric Determination of Traces of Arsenate and Phosphate in Water Using Polyurethane Foam Sorbent. <i>Analytical Letters</i> , 2003 , 36, 1231-1244	2.2	14
30	Cellulose nanocrystals decorated with gold nanoparticles immobilizing GOx enzyme for non-invasive biosensing of human salivary glucose. <i>Analytical Methods</i> , 2019 , 11, 6073-6083	3.2	14
29	Investigation of structural, optical and electrical properties of a new cobalt phthalocyanine thin films with potential applications in perchlorate sensor. <i>Synthetic Metals</i> , 2015 , 209, 135-142	3.6	13
28	Highly Sensitive Choline Oxidase Enzyme Inhibition Biosensor for Lead Ions Based on Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. <i>Electroanalysis</i> , 2017 , 29, 1741-1748	3	12
27	Citrate-selective electrochemical sensor for early stage detection of prostate cancer. <i>Sensors and Actuators B: Chemical</i> , 2016 , 228, 335-346	8.5	12
26	Unloaded polyurethane foams as solid extractants for some metal thiocyanate complexes from aqueous solution. <i>Analytica Chimica Acta</i> , 1982 , 134, 321-326	6.6	12

25	Biosensor for the oxidative stress biomarker glutathione based on SAM of cobalt phthalocyanine on a thioctic acid modified gold electrode. <i>Journal of Solid State Electrochemistry</i> , 2019 , 23, 1129-1144	2.6	11
24	Novel Sensitive Impedimetric Microsensor for Phosphate Detection Based on a Novel Copper Phthalocyanine Derivative. <i>Analytical Letters</i> , 2018 , 51, 371-386	2.2	11
23	Flow Injection Potentiometric Determination of Atrazine in Herbicide Formulations. <i>Analytical Letters</i> , 1998 , 31, 777-791	2.2	11
22	<i>Yersinia pestis</i> detection using biotinylated dNTPs for signal enhancement in lateral flow assays. <i>Analytica Chimica Acta</i> , 2020 , 1112, 54-61	6.6	11
21	A durable solid contact sulfide sensor based on a ceric acrylohydrazide ionophore attached to polyacrylamide with a nanomolar detection limit. <i>Analytical Methods</i> , 2015 , 7, 930-942	3.2	10
20	Development of a capacitive chemical sensor based on Co(II)-phthalocyanine acrylate-polymer/HfO ₂ /SiO ₂ /Si for detection of perchlorate. <i>Journal of Sensors and Sensor Systems</i> , 2015 , 4, 17-23	1.6	10
19	Graphene oxide with covalently attached zinc monoamino-phthalocyanine coated graphite electrode as a potentiometric platform for citrate sensing in pharmaceutical preparations. <i>Journal of Solid State Electrochemistry</i> , 2015 , 19, 2141-2154	2.6	9
18	Highly sensitive and selective solid-contact calcium sensor based on Schiff base of benzil with 3-aminosalicylic acid covalently attached to polyacrylic acid amide for health care. <i>Journal of Solid State Electrochemistry</i> , 2018 , 22, 181-192	2.6	9
17	Reagent-loaded and unloaded polyurethane foam as preconcentration matrix in neutron activation analysis. <i>Journal of Radioanalytical Chemistry</i> , 1981 , 67, 359-366		9
16	Picomolar-sensitive impedimetric sensor for salivary calcium analysis at POC based on SAM of Schiff base modified gold electrode. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 723-737	2.6	8
15	Chemically modified carbon paste electrode for iodide determination on the basis of cetyltrimethylammonium iodide ion-pair. <i>Analytical Sciences</i> , 2003 , 19, 229-33	1.7	8
14	Diffuse reflectance spectroscopic determination of phosphate with applications of chromaticity coordinates and color temperature. <i>Analytical Sciences</i> , 2003 , 19, 1303-8	1.7	7
13	Determination of Traces Of Bismuth in Water with Polyurethane Foak Thin-Layer Spectrophotometry. <i>Analytical Letters</i> , 1988 , 21, 1477-1486	2.2	7
12	Development of a Perchlorate Chemical Sensor Based on Magnetic Nanoparticles and Silicon Nitride Capacitive Transducer. <i>Electroanalysis</i> , 2018 , 30, 901-909	3	6
11	A Novel Solid-Contact Sensor for Flow Injection Determination of Verapamil in Pharmaceutical Formulations and Urine. <i>Current Pharmaceutical Analysis</i> , 2008 , 4, 90-100	0.6	6
10	A Solid-Contact Indium(III) Sensor based on a Thiosulfinate Ionophore Derived from Omeprazole. <i>Bulletin of the Korean Chemical Society</i> , 2013 , 34, 1153-1159	1.2	5
9	A Highly Sensitive Miniaturized Impedimetric Perchlorate Chemical Sensor. <i>IEEE Sensors Journal</i> , 2018 , 18, 1343-1350	4	4
8	PVC Membrane Sensor for Potentiometric Determination of Atropine in Some Pharmaceutical Formulations. <i>Instrumentation Science and Technology</i> , 2008 , 36, 209-221	1.4	4

7	A NOVEL PVC MEMBRANE SELECTIVE ELECTRODE FOR THE DETERMINATION OF SODIUM NITROPRUSSIDE IN PHARMACEUTICAL PREPARATIONS. <i>Analytical Letters</i> , 2002 , 35, 813-823	2.2	4
6	Microdetermination of Trace Cobalt In Water By Direct Polyurethane From Thin-Layer Spectrophotometry. <i>Analytical Letters</i> , 1989 , 22, 1555-1565	2.2	4
5	Optical, Electrical and Perchlorate Sensing Properties of a New CoPc Derivative. <i>Sensor Letters</i> , 2016 , 14, 928-937	0.9	4
4	Papaverine PVC membrane ion-selective electrodes based on its ion-exchangers with tetraphenylborate and tetrathiocyanate anions. <i>Annali Di Chimica</i> , 2007 , 97, 771-80		3
3	Determination of Traces of Mercury (II) and Phenylmercury by Direct Polyurethane foam Thin-Layer Spectrophotometry. <i>Analytical Letters</i> , 1989 , 22, 2575-2585	2.2	3
2	Semiquantitative and Quantitative Determination of Trace Amount of Phosphate Ion in Water Using Polyurethane Foam Thin -Layer Colorimetry. <i>Analytical Letters</i> , 1989 , 22, 1765-1777	2.2	3
1	Development of highly sensitive and selective bisphenol A sensor based on a cobalt phthalocyanine-modified carbon paste electrode: application in dairy analysis. <i>Analytical Methods</i> , 2021 , 13, 4674-4682	3.2	0