List of Publications by Year in descending order

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M N ARRAS

#	Article	lF	CITATIONS
1	Development of optical sensor for determination of perchlorate ions. , 2022, , .		Ο
2	Development of highly sensitive and selective bisphenol A sensor based on a cobalt phthalocyanine-modified carbon paste electrode: application in dairy analysis. Analytical Methods, 2021, 13, 4674-4682.	2.7	3
3	Simultaneous determination of ascorbic acid, uric acid and dopamine using silver nanoparticles and copper monoamino-phthalocyanine functionalised acrylate polymer. Analytical Methods, 2020, 12, 3883-3891.	2.7	30
4	Picomolar-sensitive impedimetric sensor for salivary calcium analysis at POC based on SAM of Schiff base–modified gold electrode. Journal of Solid State Electrochemistry, 2020, 24, 723-737.	2.5	21
5	Yersinia pestis detection using biotinylated dNTPs for signal enhancement in lateral flow assays. Analytica Chimica Acta, 2020, 1112, 54-61.	5.4	17
6	Biosensor for the oxidative stress biomarker glutathione based on SAM of cobalt phthalocyanine on a thioctic acid modified gold electrode. Journal of Solid State Electrochemistry, 2019, 23, 1129-1144.	2.5	17
7	Cellulose nanocrystals decorated with gold nanoparticles immobilizing GOx enzyme for non-invasive biosensing of human salivary glucose. Analytical Methods, 2019, 11, 6073-6083.	2.7	24
8	Determination of prostate cancer biomarker acid phosphatase at a copper phthalocyanine-modified screen printed gold transducer. Analytica Chimica Acta, 2019, 1057, 98-105.	5.4	21
9	A Highly Sensitive Miniaturized Impedimetric Perchlorate Chemical Sensor. IEEE Sensors Journal, 2018, 18, 1343-1350.	4.7	9
10	Development of a Perchlorate Chemical Sensor Based on Magnetic Nanoparticles and Silicon Nitride Capacitive Transducer. Electroanalysis, 2018, 30, 901-909.	2.9	9
11	Novel Sensitive Impedimetric Microsensor for Phosphate Detection Based on a Novel Copper Phthalocyanine Derivative. Analytical Letters, 2018, 51, 371-386.	1.8	22
12	Highly sensitive and selective solid-contact calcium sensor based on Schiff base of benzil with 3-aminosalycilic acid covalently attached to polyacrylic acid amide for health care. Journal of Solid State Electrochemistry, 2018, 22, 181-192.	2.5	17
13	A novel sensitive amperometric choline biosensor based on multiwalled carbon nanotubes and gold nanoparticles. Talanta, 2017, 167, 462-469.	5.5	64
14	Highly Sensitive Choline Oxidase Enzyme Inhibition Biosensor for Lead Ions Based on Multiwalled Carbon Nanotube Modified Glassy Carbon Electrodes. Electroanalysis, 2017, 29, 1741-1748.	2.9	25
15	Silicon Nitride Capacitive Chemical Sensor for Phosphate Ion Detection Based on Copper Phthalocyanine – Acrylateâ€polymer. Electroanalysis, 2017, 29, 1586-1595.	2.9	32
16	DNA biosensors based on gold nanoparticles-modified graphene oxide for the detection of breast cancer biomarkers for early diagnosis. Bioelectrochemistry, 2017, 118, 91-99.	4.6	128
17	Catalase based hydrogen peroxide biosensor for mercury determination by inhibition measurements. Journal of Hazardous Materials, 2017, 340, 344-350.	12.4	46
18	Optical, Electrical and Perchlorate Sensing Properties of a New CoPc Derivative. Sensor Letters, 2016, 14, 928-937.	0.4	7

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19	Evaluation of Bismuth Modified Carbon Thread Electrode for Simultaneous and Highly Sensitive Cd (II) and Pb (II) Determination. Electroanalysis, 2016, 28, 2205-2213.	2.9	22
20	Ultrasensitive, rapid and inexpensive detection of DNA using paper based lateral flow assay. Scientific Reports, 2016, 6, 37732.	3.3	128
21	Novel iron (III) phthalocyanine derivative functionalized semiconductor based transducers for the detection of citrate. Organic Electronics, 2016, 34, 200-207.	2.6	24
22	Citrate-selective electrochemical μ-sensor for early stage detection of prostate cancer. Sensors and Actuators B: Chemical, 2016, 228, 335-346.	7.8	19
23	Selective phosphate sensing using copper monoamino-phthalocyanine functionalized acrylate polymer-based solid-state electrode for FIA of environmental waters. Journal of Solid State Electrochemistry, 2016, 20, 1599-1612.	2.5	22
24	Electrocatalytic Nitrite Determination Using Iron Phthalocyanine Modified Gold Nanoparticles. Electroanalysis, 2015, 27, 1086-1096.	2.9	28
25	A cysteine sensor based on a gold nanoparticle–iron phthalocyanine modified graphite paste electrode. Analytical Methods, 2015, 7, 2529-2536.	2.7	50
26	Investigation of structural, optical and electrical properties of a new cobalt phthalocyanine thin films with potential applications in perchlorate sensor. Synthetic Metals, 2015, 209, 135-142.	3.9	17
27	Graphene oxide with covalently attached zinc monoamino-phthalocyanine coated graphite electrode as a potentiometric platform for citrate sensing in pharmaceutical preparations. Journal of Solid State Electrochemistry, 2015, 19, 2141-2154.	2.5	14
28	A durable solid contact sulfide sensor based on a ceric acrylohydrazide ionophore attached to polyacrylamide with a nanomolar detection limit. Analytical Methods, 2015, 7, 930-942.	2.7	11
29	Development of a perchlorate sensor based on Co-phthalocyanine derivative by impedance spectroscopy measurements. Organic Electronics, 2015, 16, 77-86.	2.6	26
30	Development of a capacitive chemical sensor based on Co(II)-phthalocyanine acrylate-polymer/HfO ₂ /SiO _{2for detection of perchlorate. Journal of Sensors and Sensor Systems, 2015, 4, 17-23.}	gt øS Ø	12
31	A Solid-Contact Indium(III) Sensor based on a Thiosulfinate Ionophore Derived from Omeprazole. Bulletin of the Korean Chemical Society, 2013, 34, 1153-1159.	1.9	13
32	Potentiometric Electronic Tongue to Resolve Mixtures of Sulfide and Perchlorate Anions. Sensors, 2011, 11, 3214-3226.	3.8	23
33	Novel lipoate-selective membrane sensor for the flow injection determination of \hat{I}_{\pm} -lipoic acid in pharmaceutical preparations and urine. Talanta, 2008, 74, 1113-1121.	5.5	25
34	PVC Membrane Sensor for Potentiometric Determination of Atropine in Some Pharmaceutical Formulations. Instrumentation Science and Technology, 2008, 36, 209-221.	1.8	8
35	A Novel Solid-Contact Sensor for Flow Injection Determination of Verapamil in Pharmaceutical Formulations and Urine. Current Pharmaceutical Analysis, 2008, 4, 90-100.	0.6	12
36	Papaverine PVC Membrane Ionâ€Selective Electrodes Based on its Ionâ€Exchangers with Tetraphenylborate and Tetrathiocyanate Anions. Annali Di Chimica, 2007, 97, 771-780.	0.6	4

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37	Novel solid-state cadmium ion-selective electrodes based on its tetraiodo- and tetrabromo-ion pairs with cetylpyridinium. Journal of Electroanalytical Chemistry, 2005, 576, 205-213.	3.8	29
38	A Novel Membrane Sensor for Histamine H1-Receptor Antagonist "Fexofenadine". Analytical Sciences, 2004, 20, 1137-1142.	1.6	23
39	New triiodomercurate-modified carbon paste electrode for the potentiometric determination of mercury. Analytica Chimica Acta, 2003, 478, 329-335.	5.4	44
40	Gallamine–tetraphenylborate-modified carbon paste electrode for the potentiometric determination of gallamine triethiodide (Flaxedil). Journal of Pharmaceutical and Biomedical Analysis, 2003, 31, 819-826.	2.8	21
41	Solid Phase Spectrophotometric Determination of Traces of Arsenate and Phosphate in Water Using Polyurethane Foam Sorbent. Analytical Letters, 2003, 36, 1231-1244.	1.8	14
42	Diffuse Reflectance Spectroscopic Determination of Phosphate with Applications of Chromaticity Coordinates and Color Temperature. Analytical Sciences, 2003, 19, 1303-1308.	1.6	10
43	Chemically Modified Carbon Paste Electrode for Iodide Determination on the Basis of Cetyltrimethylammonium Iodide Ion-Pair Analytical Sciences, 2003, 19, 229-233.	1.6	11
44	A NOVEL PVC MEMBRANE SELECTIVE ELECTRODE FOR THE DETERMINATION OF SODIUM NITROPRUSSIDE IN PHARMACEUTICAL PREPARATIONS. Analytical Letters, 2002, 35, 813-823.	1.8	5
45	PVC membrane ion selective electrode for the determination of pentachlorophenol in water, wood and soil using tetrazolium pentachlorophenolate. Talanta, 2001, 55, 647-656.	5.5	28
46	Multicomponent analysis of some environmentally important gases using semiconductor tin oxide sensors. Analytica Chimica Acta, 2001, 431, 181-194.	5.4	32
47	First derivative spectrophotometric determination of uranium(VI) and vanadium(V) in natural and saline waters and some synthetic matrices using PAR and cetylpyridinum chloride. Analytica Chimica Acta, 2001, 436, 223-231.	5.4	21
48	Determination of traces of nitrite and nitrate in water by solid phase spectrophotometry. Analytica Chimica Acta, 2000, 410, 185-192.	5.4	83
49	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. Talanta, 2000, 53, 425-432.	5.5	41
50	Multicomponent gas analysis of a mixture of chloroform, octane and toluene using a piezoelectric quartz crystal sensor array. Analytica Chimica Acta, 1999, 393, 67-76.	5.4	20
51	Flow Injection Potentiometric Determination of Atrazine in Herbicide Formulations. Analytical Letters, 1998, 31, 777-791.	1.8	14
52	Hydrogen chromate PVC matrix membrane sensor for potentiometric determination of chromium(III) and chromium(VI) ions. Talanta, 1996, 43, 797-804.	5.5	57
53	Determination of Traces of Mercury (II) and Phenylmercury by Direct Polyurethane foam Thin-Layer Spectrophotometry. Analytical Letters, 1989, 22, 2575-2585.	1.8	5
54	Semiquantitative and Quantitative Determination of Trace Amount of Phosphate Ion in Water Using Polyurethane Foam Thin -Layer Colorimetry. Analytical Letters, 1989, 22, 1765-1777.	1.8	3

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55	Microdetermination of Trace Cobalt In Water By Direct Polyurethane From Thin-Layer Spectrophotometry. Analytical Letters, 1989, 22, 1555-1565.	1.8	5
56	Determination of Traces Of Bismuth in Water with Polyurethane Foak Thin-Layer Spectrophotometry. Analytical Letters, 1988, 21, 1477-1486.	1.8	8
57	Radioisotope-induced x-ray fluorescence termination of phenylmercury, methylmercury and inorganic mercury in water after preconcentration on diethylammonium diethyldithiocarbamate-loaded polyurethane foam discs. Analytica Chimica Acta, 1984, 160, 277-282.	5.4	18
58	Unloaded polyurethane foams as solid extractants for some metal thiocyanate complexes from aqueous solution. Analytica Chimica Acta, 1982, 134, 321-326.	5.4	18
59	Preconcentration of phenlymercury, methylmercury and inorganic mercury from natural waters with diethylammonium diethyldithiocarbamate-loaded polyurethane foam. Analytica Chimica Acta, 1981, 131, 311-314.	5.4	21
60	Reagent-loaded and unloaded polyurethane foam as preconcentration matrix in neutron activation analysis. Journal of Radioanalytical Chemistry, 1981, 67, 359-366.	0.5	10
61	Spectrophotometric determination of traces of cobalt in water after preconcentration on reagent-loaded polyurethane foams. Analytica Chimica Acta, 1980, 119, 113-119	5.4	37