Raluca-Ioana Stefan-van Staden

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186 papers	1,203 citations	15 h-index	22 g-index
192 ext. papers	1,511 ext. citations	3.4 avg, IF	5.21 L-index

#	Paper	IF	Citations
186	Chiral selectors in CE: recent developments and applications. *Electrophoresis*, **2013**, 34, 178-204	3.6	86
185	Review Recent Progress in the Graphene-Based Electrochemical Sensors and Biosensors. *Journal of the Electrochemical Society*, **2020**, 167, 037528	3.9	50
184	Application of porphyrins in flow-injection analysis: a review. *Talanta*, **2010**, 80, 1598-605	6.2	36
183	Graphene-porphyrin composite synthesis through graphite exfoliation: The electrochemical sensing of catechol. *Sensors and Actuators B: Chemical*, **2018**, 256, 665-673	8.5	30
182	Graphene-based materials produced by graphite electrochemical exfoliation in acidic solutions: Application to Sunset Yellow voltammetric detection. *Microchemical Journal*, **2019**, 147, 112-120	4.8	21
181	Stochastic Microsensors Based on Nanostructured Materials Used in the Screening of Whole Blood for Hepatitis B. *Journal of the Electrochemical Society*, **2014**, 161, B3001-B3005	3.9	21
180	Amperometric biosensor based on diamond paste for the enantioanalysis of L-lysine. *Biosensors and Bioelectronics*, **2012**, 35, 439-442	11.8	20
179	Exfoliation of graphite rods via pulses of current for graphene synthesis: Sensitive detection of 8-hydroxy-2'-deoxyguanosine. *Talanta*, **2019**, 196, 182-190	6.2	20
178	The salivary levels of leptin and interleukin-6 as potential inflammatory markers in children obesity. *PLoS ONE*, **2019**, 14, e0210288	3.7	20
177	Electrochemical Determination of Bisphenol A in Saliva by a Novel Three-Dimensional (3D) Printed Gold-Reduced Graphene Oxide (rGO) Composite Paste Electrode. *Analytical Letters*, **2019**, 52, 2583-2606	2.2	18
176	Enantioselective, potentiometric membrane electrodes based on cyclodextrins: application for the determination of R-baclofen in its pharmaceutical formulation. *Talanta*, **2006**, 69, 1049-53	6.2	18
175	Molecular Recognition of Colon Cancer Biomarkers: P53, KRAS and CEA in Whole Blood Samples. *Journal of the Electrochemical Society*, **2017**, 164, B443-B447	3.9	16
174	Enantioselective, potentiometric membrane electrodes based on cyclodextrins for the determination of l-histidine. *Sensors and Actuators B: Chemical*, **2007**, 120, 399-402	8.5	16
173	Chiral separation of the clinically important compounds fucose and pipecolic acid using CE: determination of the most effective chiral selector. *Chirality*, **2013**, 25, 556-60	2.1	15
172	Carbon and diamond paste microelectrodes based on Mn(III) porphyrins for the determination of dopamine. *Analytica Chimica Acta*, **2010**, 668, 201-7	6.6	15
171	Simultaneous detection of creatine and creatinine using a sequential injection analysis/biosensor system. *Preparative Biochemistry and Biotechnology*, **2006**, 36, 287-96	2.4	15
170	Pattern recognition of neurotransmitters using multimode sensing. *Journal of Neuroscience Methods*, **2014**, 229, 1-7	3	14

169	Nanostructured Materials Detect Dopamine in Biological Fluids. *Journal of the Electrochemical Society*, **2017**, 164, B561-B566	3.9	14
168	Molecular Enantiorecognition of D- and L-Glucose in Urine and Whole Blood Samples. *Journal of the Electrochemical Society*, **2019**, 166, B3109-B3115	3.9	13
167	Enantioanalysis of glutamine-a key factor in establishing the metabolomics process in gastric cancer. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 3199-3207	4.4	13
166	Enantioanalysis of pipecolic acid with stochastic and potentiometric microsensors. *Chirality*, **2013**, 25, 114-8	2.1	13
165	Pattern recognition of estradiol, testosterone and dihydrotestosterone in children's saliva samples using stochastic microsensors. *Scientific Reports*, **2014**, 4, 5579	4.9	13
164	Determination of baclofen enantiomers in pharmaceutical formulations using maltodextrin-based enantioselective, potentiometric membrane electrodes. *Il Farmaco*, **2004**, 59, 993-7		13
163	Nanostructured materials detect epidermal growth factor receptor, neuron specific enolase and carcinoembryonic antigen. *Nanoscale*, **2015**, 7, 15689-94	7.7	12
162	Pattern recognition of 8-hydroxy-2'-deoxyguanosine in biological fluids. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 115-121	4.4	12
161	Diamond paste-based electrodes for the determination of sildenafil citrate (Viagra). *Journal of Solid State Electrochemistry*, **2010**, 14, 997-1000	2.6	12
160	Molecular Screening of Blood Samples for the Simultaneous Detection of CEA, HER-1, NSE, CYFRA 21-1 Using Stochastic Sensors. *Journal of the Electrochemical Society*, **2017**, 164, B267-B273	3.9	11
159	New stochastic microsensors based on oleamides. *Electrochemistry Communications*, **2015**, 51, 98-102	5.1	11
158	Nanostructured Materials Used for Pattern Recognition of Bisphenols in Waste Water Samples. *Journal of the Electrochemical Society*, **2019**, 166, B903-B907	3.9	11
157	Influence of Physical Immobilization of dsDNA on Carbon Based Matrices of Electrochemical Sensors. *Current Pharmaceutical Analysis*, **2014**, 10, 20-29	0.6	11
156	A Genetic Screening Test for Obesity Based on Stochastic Sensing. *Journal of the Electrochemical Society*, **2014**, 161, B167-B170	3.9	11
155	Amperometric dot-sensors based on zinc porphyrins for sildenafil citrate determination. *Electrochimica Acta*, **2011**, 58, 290-295	6.7	11
154	Needle stochastic sensors for on-site fast recognition and quantification of biomarkers for gastric cancer in biological samples. *New Journal of Chemistry*, **2020**, 44, 20203-20211	3.6	11
153	Graphene/TiO2-Ag Based Composites Used as Sensitive Electrode Materials for Amaranth Electrochemical Detection and Degradation. *Journal of the Electrochemical Society*, **2018**, 165, B3054-B3059	3.9	10
152	Pattern recognition of neuron specific enolase and carcinoembryonic antigen in whole blood samples. *Journal of Molecular Recognition*, **2015**, 28, 103-7	2.6	10

151	Wireless Electrochemical Sensors: A Tool for Process Control Past, Present and the Future. *Critical Reviews in Analytical Chemistry*, **2010**, 40, 226-233	5.2	10
150	Enantioselective, Potentiometric Carbon Paste Electrodes Based on C60 Derivatives as Chiral Selectors for the Enantioanalysis of S-Clenbuterol. *Analytical Letters*, **2006**, 39, 1311-1319	2.2	10
149	Enantioanalysis of tryptophan in whole blood samples using stochastic sensors-A screening test for gastric cancer. *Chirality*, **2020**, 32, 215-222	2.1	10
148	Molecular recognition of IL-8, IL-10, IL-12, and IL-15 in biological fluids using phthalocyanine-based stochastic sensors. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 7723-7737	4.4	10
147	Salivary biomarkers of inflammation in systemic lupus erythematosus. *Annals of Anatomy*, **2018**, 219, 89-93	2.9	9
146	Molecular Recognition of Nitrites and Nitrates in Water Samples Using Graphene-Based Stochastic Microsensors. *Analytical Chemistry*, **2018**, 90, 9997-10000	7.8	9
145	Graphene-based stochastic sensors for pattern recognition of gastric cancer biomarkers in biological fluids. *Journal of Porphyrins and Phthalocyanines*, **2019**, 23, 1365-1370	1.8	9
144	Engineered nanoporous gold microspheres for stochastic sensing. *RSC Advances*, **2014**, 4, 54140-54143	3.7	9
143	Graphene Based Dot Microsensors Used for the Screening of Urine for Adenine, Guanine and Epinephrine. *Journal of the Electrochemical Society*, **2014**, 161, B3014-B3022	3.9	9
142	Evaluation of Amperometric Dot Microsensors for the Analysis of Serotonin in Urine Samples. *Journal of the Electrochemical Society*, **2014**, 161, B49-B54	3.9	9
141	Stochastic Dot Microsensors for the Assay of Dopamine in Pharmaceutical Samples and Biological Fluids. *Journal of the Electrochemical Society*, **2012**, 159, B839-B844	3.9	9
140	Enantioselective assay of S(+)-ibuprofen using enantioselective, potentiometric membrane electrodes based on maltodextrins. *Sensors and Actuators B: Chemical*, **2006**, 120, 295-297	8.5	9
139	Pattern recognition of Cu(II), Pb(II), Hg(II), and Cd(II) in waste waters. *Microsystem Technologies*, **2017**, 23, 1141-1145	1.7	8
138	New nanocomposite-graphene pastes based stochastic microsensors. *RSC Advances*, **2015**, 5, 66185-66191	3.7	8
137	Multimode sensors as new tools for molecular recognition of testosterone, dihydrotestosterone and estradiol in children's saliva. *Journal of Molecular Recognition*, **2015**, 28, 10-9	2.6	8
136	Screening of children saliva samples for bisphenol A using stochastic, amperometric and multimode microsensors. *Analytical Chemistry Research*, **2014**, 1, 1-7		8
135	Disposable Stochastic Dot Sensors for the Assay of Ascorbic Acid in Pharmaceutical Samples, Beverages, and Biological Fluids. *Analytical Letters*, **2011**, 44, 2280-2286	2.2	8
134	Enantioselective potentiometric membrane electrodes based on C(60) fullerene and its derivatives for the assay of l-Histidine. *Talanta*, **2007**, 71, 1434-7	6.2	8

133	Novel textile material based disposable sensors for biomedical analysis. *RSC Advances*, **2015**, 5, 45545-45550	3.7	7
132	Porphyrins-as Active Materials in the Design of Sensors. An Overview. *ECS Journal of Solid State Science and Technology*, **2020**, 9, 051005	2	7
131	Stone Paper as a New Substrate to Fabricate Flexible Screen-Printed Electrodes for the Electrochemical Detection of Dopamine. *Sensors*, **2020**, 20,	3.8	7
130	Fast Screening of Whole Blood and Tumor Tissue for Bladder Cancer Biomarkers Using Stochastic Needle Sensors. *Sensors*, **2020**, 20,	3.8	7
129	Phthalocyanine-BODIPY dye: synthesis, characterization, and utilization for pattern recognition of CYFRA 21-1 in whole blood samples. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 6195-6203	4.4	7
128	Determination of L- and D-fucose using amperometric electrodes based on diamond paste. *Analyst, The*, **2012**, 137, 903-9	5	7
127	Inulins as Electroactive Materials for Enantioanalysis of Chiral Drugs. *Journal of the Electrochemical Society*, **2013**, 160, B192-B195	3.9	7
126	Cyclodextrins-based enantioselective, potentiometric membrane electrodes for l-vesamicol assay in serum samples. *Sensors and Actuators B: Chemical*, **2006**, 117, 123-127	8.5	7
125	Enantioselective, Potentiometric Memberane Electrodes Based on Different Cyclodextrins as Chiral Selectors for the Assay of S-Flurbiprofen. *Electroanalysis*, **2006**, 18, 1718-1721	3	7
124	Review□Enzymatic and Non-Enzymatic (bio)sensors Based on Phthalocyanines. A Minireview. *ECS Journal of Solid State Science and Technology*, **2020**, 9, 051012	2	7
123	Pattern Recognition of p53 and KRAS in Whole Blood Samples. *Journal of the Electrochemical Society*, **2019**, 166, B183-B186	3.9	7
122	Multimode microsensors based on Ag□TiO2□graphene materials used for the molecular recognition of carcinoembryonic antigen in whole blood samples. *RSC Advances*, **2017**, 7, 28419-28426	3.7	6
121	Molecular Recognition of C-Reactive Protein, Adiponectin and Zn2+in Serum Samples. *Journal of the Electrochemical Society*, **2019**, 166, B3051-B3055	3.9	6
120	Evaluation of amperometric dot microsensors for the analysis of folic acid in pharmaceutical tablets and urine samples. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 679-687	1.8	6
119	Pattern recognition of HER-1 in biological fluids using stochastic sensing. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2015**, 30, 283-5	5.6	6
118	Myoglobin-silver reduced graphene oxide nanocomposite stochastic biosensor for the determination of luteinizing hormone and follicle-stimulating hormone from saliva samples. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 5191-5202	4.4	6
117	Molecular Recognition and Determination of Interleukins 1□6, 12, and 17 in Whole Blood from Diabetic Patients. *Analytical Letters*, **2020**, 53, 2021-2033	2.2	6
116	Molecular enantiorecognition of l-glucose and d-glucose in whole blood samples. *Chirality*, **2018**, 30, 680-685	2.1	6

115	Stochastic microsensors as screening tools for neuron specific enolase. *RSC Advances*, **2014**, 4, 26383-26388	3.9	6
114	Fast screening of biological fluids for cytokines and adipokines using stochastic sensing. *Microelectronic Engineering*, **2015**, 148, 64-69	2.5	6
113	Utilization of Maltodextrin-Based Enantioselective, Potentiometric Membrane Electrodes for the Enantioselective Assay of S-Flurbiprofen. *Analytical Letters*, **2006**, 39, 1065-1073	2.2	6
112	Simultaneous Determination of Carcinoembryonic Antigen (CEA), Carbohydrate Antigen 19-9 (CA19-9), and Serum Protein p53 in Biological Samples with Protoporphyrin IX (PIX) Used for Recognition by Stochastic Microsensors. *Analytical Letters*, **2020**, 53, 2545-2558	2.2	6
111	Fast screening method for molecular recognition of islet amyloid polypeptide from whole blood samples collected from diabetic patients with disposable stochastic sensors obtained by nanolayer, and nanolayer by nanolayer deposition using cold plasma. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 4135-4141	4.4	6
110	Electrochemical Determination of the KRAS Genetic Marker for Colon Cancer with Modified Graphete and Graphene Paste Electrodes. *Analytical Letters*, **2018**, 51, 2822-2834	2.2	6
109	Detection of 8-Hydroxy-2'-Deoxyguanosine Biomarker with a Screen-Printed Electrode Modified with Graphene. *Sensors*, **2019**, 19,	3.8	5
108	Pattern recognition of melatonin using stochastic sensors. *New Journal of Chemistry*, **2019**, 43, 5196-5201	3.6	5
107	Pattern recognition of monocyte chemoattractant protein-1 (MCP-1) in whole blood samples using new platforms based on nanostructured materials. *Nanoscale*, **2015**, 7, 14848-53	7.7	5
106	Immunosensors in Clinical and Environmental Analysis. *Critical Reviews in Analytical Chemistry*, **2015**, 45, 2-31	5.2	5
105	Determination of p53 Using Graphite Based Amperometric Sensors. *Journal of the Electrochemical Society*, **2017**, 164, B502-B505	3.9	5
104	Enantioanalysis of ketoprofen based on its interaction with C60 fullerene and its derivatives. *Analytical Methods*, **2012**, 4, 1492	3.2	5
103	Micro- and Nanosensors, Recent Developments and Features: A Minireview. *Analytical Letters*, **2010**, 43, 1111-1118	2.2	5
102	Determination of (S)-(+)-Ibuprofen Using Enantioselective, Potentiometric Membrane Electrodes Based on Macrocyclic Antibiotics. *Instrumentation Science and Technology*, **2009**, 37, 197-203	1.4	5
101	Macrocyclic antibiotics as chiral selectors in the design of enantioselective, potentiometric membrane electrodes for the determination of S-flurbiprofen. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 821-6	4.4	5
100	Sochastic Sensors for the Assay of Biogenic Amines in Wines. *Journal of the Electrochemical Society*, **2016**, 163, B252-B255	3.9	5
99	Advanced Methods for the Analysis of Testosterone. *Current Medicinal Chemistry*, **2018**, 25, 4037-4049	4.3	5
98	Molecular Recognition of Pyruvic Acid and L-Lactate in Early-Diabetic 1-Type Stage. *Journal of the Electrochemical Society*, **2018**, 165, B659-B664	3.9	5

97	Pattern recognition of adipokines in whole blood samples using stochastic sensing. *Microsystem Technologies*, **2016**, 22, 11-16	1.7	4
96	Stochastic sensors based on maltodextrins for screening of whole blood for neuron specific enolase, carcinoembryonic antigen and epidermal growth factor receptor. *Microsystem Technologies*, **2016**, 22, 25-29	1.7	4
95	Diamond Paste-Based Stochastic Sensor for Screening of Children's Cerebrospinal Fluid. *Journal of the Electrochemical Society*, **2015**, 162, B351-B353	3.9	4
94	Multimode Sensors Based on Nanostructured Materials for Simultaneous Screening of Biological Fluids for Specific Breast Cancer and Hepatitis B Biomarkers. *Journal of the Electrochemical Society*, **2014**, 161, B45-B48	3.9	4
93	Microelectrodes based on porphyrins for the determination of ascorbic acid in pharmaceutical samples and beverages. *Journal of Porphyrins and Phthalocyanines*, **2012**, 16, 809-816	1.8	4
92	Quinine, Quinidine and Their Tert-butyl Carbomylated Derivatives as Chiral Selectors in the Enantioselective, Potentiometric Membrane Electrodes Design: Their Application for the Assay of (S) and (R) Enantiomers of 3,5-dinitrobenzoyl Leucine. *Journal of the Electrochemical Society*, **2013**, 160, B196-B200	3.9	4
91	Enantioanalysis of S-Ketoprofen Using Enantioselective, Potentiometric Membrane Electrodes. *Analytical Letters*, **2009**, 42, 764-774	2.2	4
90	Determination of (+)-3,3',5,5'-Tetraiodo-L-thyronine (L-T4) in Serum and pharmaceutical formulations using a sequential injection analysis/immunosensor system. *Journal of Immunoassay and Immunochemistry*, **2008**, 29, 348-55	1.8	4
89	Pattern Recognition of Amino Acids in Wines. *Electroanalysis*, **2020**, 32, 7-10	3	4
88	Disposable Stochastic Sensors Based on Nanolayer Deposition(s) of Silver and AgC Composite on Plastic for the Assay of □amylase in Whole Blood and Saliva. *Nanomaterials*, **2020**, 10,	5.4	4
87	Disposable Stochastic Sensor Based on Deposition of a Nanolayer of Silver on Silk for Molecular Recognition of Specific Biomarkers. *Journal of the Electrochemical Society*, **2021**, 168, 037515	3.9	4
86	Nitrogen and Sulfur Co-Doped Graphene as Efficient Electrode Material for L-Cysteine Detection. *Chemosensors*, **2021**, 9, 146	4	4
85	Stochastic sensors designed for assessment of biomarkers specific to obesity. *Journal of Pharmaceutical and Biomedical Analysis*, **2016**, 128, 280-285	3.5	4
84	3D stochastic microsensors for molecular recognition and determination of heregulin-□in biological samples. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 3487-3492	4.4	4
83	A Graphene Stochastic Sensor for the Molecular Screening of TNF-□*Journal of the Electrochemical Society*, **2015**, 162, B245-B247	3.9	3
82	Carbon Modified Paper Based Sensors. *Journal of the Electrochemical Society*, **2015**, 162, B360-B362	3.9	3
81	Dot Microsensors Based on Zinc Porphyrins and Zinc Phthalocyanine for the Determination of Indigo Carmine. *ECS Journal of Solid State Science and Technology*, **2020**, 9, 041015	2	3
80	Molecular recognition of HER-1 in whole-blood samples. *Journal of Molecular Recognition*, **2014**, 27, 653-8	2.6	3

79	Fast screening of whole blood samples for early detection and monitoring of thyroid diseases. *RSC Advances*, **2017**, 7, 43567-43573	3.7	3
78	Pattern Recognition of HER-2 in Whole Blood Samples Using Stochastic Microsensors. *ECS Journal of Solid State Science and Technology*, **2015**, 4, S3067-S3070	2	3
77	A new hypothesis of aging. *Medical Hypotheses*, **2015**, 84, 252-7	3.8	3
76	Resolution of Ternary Mixture of Aspirin, Atorvastatin, and Clopidogrel by Chemometric-Assisted UV Spectroscopic and Liquid Chromatography Methods. *International Journal of Spectroscopy*, **2013**, 2013, 1-8		3
75	Enantioanalysis of R-deprenyl based on its molecular interaction with C(70) fullerenes. *Talanta*, **2010**, 81, 865-70	6.2	3
74	Enantioanalysis of D-histidine based on its interaction with [5,6]fullerene-C70 and diethyl (1,2-methanofullerene-C70)-71,71-dicarboxylate. *New Journal of Chemistry*, **2010**, 34, 1141	3.6	3
73	Enantioanalysis of S-Ibuprofen using [5] fullerene-C70 and diethyl (1,2-methanofullerene C70)-71-71-dicarboxylate. *Analytical Methods*, **2010**, 2, 37-40	3.2	3
72	A Novel Ciprofloxacin Selective Membrane Electrode. *Current Pharmaceutical Analysis*, **2012**, 8, 334-338	0.6	3
71	Enantioanalysis of S-deprenyl using enantioselective, potentiometric membrane electrodes based on C60 derivatives. *Electrochimica Acta*, **2010**, 55, 1772-1777	6.7	3
70	Determination of L-Vesamicol in Serum Samples Using Enantioselective, Potentiometric Membrane Electrodes Based on Antibiotics. *Analytical Letters*, **2006**, 39, 675-682	2.2	3
69	Determination of L- and D-Enantiomers of Leucine Using Amperometric Biosensors Based on Diamond Paste. *Instrumentation Science and Technology*, **2006**, 34, 475-481	1.4	3
68	2D disposable stochastic sensors for molecular recognition and quantification of maspin in biological samples.. *Mikrochimica Acta*, **2022**, 189, 101	5.8	3
67	Enantioselective, Potentiometric Membrane Electrodes (EPME) Based on Maltodextrins for the Determination of L-Vesamicol in Serum Samples. *Current Pharmaceutical Analysis*, **2011**, 7, 253-257	0.6	3
66	Sensing and Interaction of His-Tagged CA19-9 Antigen with Graphene-Modified Electrodes. *Chemosensors*, **2020**, 8, 112	4	3
65	Sulphur Doped Graphenes Based 3D-Needle Stochastic Sensors as New Tools for Biomedical Analysis. *Journal of the Electrochemical Society*, **2021**, 168, 037509	3.9	3
64	Pattern Recognition of Diabetes Related Biomarkers. *Electroanalysis*, **2018**, 30, 2628-2634	3	3
63	Stochastic biosensors based on N- and S-doped graphene for the enantioanalysis of aspartic acid in biological samples.. *RSC Advances*, **2021**, 11, 23301-23309	3.7	3
62	Ionic liquids for the molecular enantiorecognition of free L-T3, L-T4 and D-T4. *RSC Advances*, **2015**, 5, 75451-75457	3.7	2

61	New Platforms for Fast Assessment of Levels of Testosterone, Dihydrotestosterone, and Estradiol in Children Saliva. *Analytical Letters*, **2016**, 49, 335-341	2.2	2
60	Determination of carotene in soft drinks using a stochastic sensor based on a graphene porphyrin composite. *Electrochemistry Communications*, **2019**, 109, 106581	5.1	2
59	Chitosan Based Diamond Paste Stochastic Microsensors Modified with Gold Nanoparticles Detect Hepatitis C Virus Core Antigen. *Electroanalysis*, **2015**, 27, 1842-1846	3	2
58	Enantioselective surface plasmon resonance sensor based on C60 fullerene-glutathione self-assembled monolayer (SAM). *Chirality*, **2014**, 26, 129-31	2.1	2
57	Diamond paste based electrodes for the determination of Ag(I). *Analytical Methods*, **2010**, 2, 650	3.2	2
56	Amperometric Immunosensor for the Determination of 2?,3?-dideoxyinosine. *Analytical Letters*, **2009**, 42, 758-763	2.2	2
55	Enantioanalysis of L-Histidine Using Enantioselective, Potentiometric Membrane Electrodes Based on Maltodextrins. *Analytical Letters*, **2011**, 44, 968-975	2.2	2
54	Enantioanalysis of (-)butaclamol using vancomycin and teicoplanin as chiral selectors. *Combinatorial Chemistry and High Throughput Screening*, **2010**, 13, 690-3	1.3	2
53	Chapter 3 Enantioselective, potentiometric membrane electrodes: design, mechanism of potential development and applications for pharmaceutical and biomedical analysis.. *Comprehensive Analytical Chemistry*, **2007**, 49, 53-71	1.9	2
52	Disposable stochastic sensors obtained by nanolayer deposition of copper, graphene, and copper-graphene composite on silk for the determination of isocitrate dehydrogenases 1 and 2.. *Analytical and Bioanalytical Chemistry*, **2022**, 414, 1797	4.4	2
51	Hydrothermal Synthesis of Nitrogen, Boron Co-Doped Graphene with Enhanced Electro-Catalytic Activity for Cymoxanil Detection. *Sensors*, **2021**, 21,	3.8	2
50	No Association between 25-Hydroxyvitamin D and Insulin Resistance or Thyroid Hormone Concentrations in a Romanian Observational Study. *Medicina (Lithuania)*, **2020**, 57,	3.1	2
49	A Screening Test for Early Diagnosis of Microcellular Bronchopulmonary Cancer-Pilot Study. *Journal of Clinical Medicine*, **2019**, 9,	5.1	2
48	Stochastic microsensors for the assessment of DNA damage in cancer. *Analytical Biochemistry*, **2020**, 605, 113839	3.1	2
47	Review Trends in Recent Developments in Electrochemical Sensors for the Determination of Polycyclic Aromatic Hydrocarbons from Water Resources and Catchment Areas. *Journal of the Electrochemical Society*, **2021**, 168, 047504	3.9	2
46	Review Recent Trends in Supramolecular Recognition of Dopamine, Tyrosine, and Tryptophan, Using Electrochemical Sensors. *Journal of the Electrochemical Society*, **2021**, 168, 067517	3.9	2
45	Determination of Cadmium(ii), Copper(ii), Mercury(ii), and Lead(ii) in Water Using Stochastic Sensors Based on Graphite and Diamond Paste Modified with 1H-Pyrrole-1-Hexanoic Acid. *Analytical Letters*, **2019**, 52, 803-812	2.2	2
44	Subclinical hypothyroidism has no association with insulin resistance indices in adult females: A case-control study. *Experimental and Therapeutic Medicine*, **2021**, 22, 1033	2.1	2

43	Sensitive Detection of Heregulin-β from Biological Samples Using a Disposable Stochastic Sensor Based on Plasma Deposition of GNPs-AgPs' Nanofilms on Silk. *Life*, **2021**, 11,	3	2
42	Fast screening test for molecular recognition of levodopa and dopamine in biological samples using 3D printed stochastic microsensors. *Journal of Pharmaceutical and Biomedical Analysis*, **2021**, 205, 114292	3.5	2
41	Perspective: Challenges in Biomedical Analysis: From Classical Sensors to Stochastic Sensors		2
40	Fast Screening of Tissue Samples for Glycogen. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 135, 16-19	3.5	1
39	Electroanalysis of Bisphenols A, F, and Z Using Graphene Based Stochastic Microsensors. *Electroanalysis*, **2019**, 31, 1342-1347	3	1
38	Nanocarbon Materials Modified with the Zinc Complex of Protoporphyrin IX, Recognized Antibiotics in Water Samples. *Electroanalysis*, **2020**, 32, 1060-1064	3	1
37	Disposable Stochastic Sensors for the Simultaneous Assay of Acetylcholine and Dopamine in Whole Blood Samples. *Analytical Letters*, **2018**, 51, 1927-1934	2.2	1
36	Azulene Based Stochastic Microsensor. *Journal of the Electrochemical Society*, **2016**, 163, B563-B566	3.9	1
35	Comparative study of three modified numerical spectrophotometric methods: an application on pharmaceutical ternary mixture of aspirin, atorvastatin and clopedogrel. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2014**, 128, 514-21	4.4	1
34	Molecular recognition of pyruvic acid and folic acid in whole blood. *RSC Advances*, **2017**, 7, 50072-50078	3.7	1
33	Fast Screening of Whole Blood Samples and Pharmaceutical Compounds for Enantiorecognition of Free L-T3 , L-T4 , and D-T4. *Chirality*, **2015**, 27, 973-8	2.1	1
32	Multimode Microsensors Based on Carbon Matrices Used for the Assay of IL-6 in Whole Blood Samples. *ECS Journal of Solid State Science and Technology*, **2015**, 4, S3006-S3010	2	1
31	Determination of Free L-T4 and Free L-T3 from Blood Using the Immunosensors/Sequential Injection Analysis System. *Analytical Letters*, **2010**, 43, 1119-1125	2.2	1
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