

Mohammad El-Shahawi

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7571166/mohammad-el-shahawi-publications-by-year.pdf>

Version: 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

182
papers

3,455
citations

28
h-index

49
g-index

187
ext. papers

3,945
ext. citations

4.7
avg, IF

5.55
L-index

#	Paper	IF	Citations
182	Electrooxidation and Development of a Highly Sensitive Electrochemical Probe for Trace Determination of the Steroid 11-Desoxycorticosterone Drug Residues in Water. <i>International Journal of Electrochemistry</i> , 2022 , 2022, 1-11	2.4	
181	The effects of salinity, temperature, and UV irradiation on leaching and adsorption of phthalate esters from polyethylene in seawater.. <i>Science of the Total Environment</i> , 2022 , 155461	10.2	2
180	Square-Wave Adsorptive Cathodic Stripping Voltammetric Determination of Trace Palladium Using 4-(2-Thiazolylazo)-Resorcinol. <i>Journal of Analytical Chemistry</i> , 2021 , 76, 355-364	1.1	
179	Trace determination and speciation of elements in green tea. <i>Results in Chemistry</i> , 2021 , 3, 100081	2.1	0
178	Dual wave correction spectrophotometry for trace determination and chemical speciation of As(III)/As(V) in water. <i>Microchemical Journal</i> , 2021 , 162, 105856	4.8	0
177	A highly sensitive electrochemical probe for trace determination and chemical speciation of lead in water and foodstuffs using Thorin-I as a selective chelating agent. <i>Chemical Papers</i> , 2021 , 75, 2395-2406	1.9	2
176	A highly Sensitive Modified Glassy Carbon Electrode with Carboxylated Multi-walled Carbon Nanotubes/Nafion Nano composite for Efficient and Cheap Voltammetric Sensing of Dianabol Steroid in Biological Fluid. <i>Analytical Sciences</i> , 2021 ,	1.7	1
175	A Highly Sensitive Electrochemical Sensor Based on Electrocatalytic Reduction Effect of Cu ²⁺ on Trace Determination of Malathion in Soil and Other Complex Matrices. <i>International Journal of Electrochemistry</i> , 2021 , 2021, 1-13	2.4	2
174	Development of a highly sensitive voltametric sensor for trace determination of melamine residues in milk and water samples. <i>Microchemical Journal</i> , 2020 , 157, 105087	4.8	6
173	Pediatric glioblastoma target-specific efficient delivery of gemcitabine across the blood-brain barrier via carbon nitride dots. <i>Nanoscale</i> , 2020 , 12, 7927-7938	7.7	16
172	A highly selective electrochemical sensor for trace determination and speciation of antimony (III & V) in water and soil samples using 2-thenoyltrifluoroacetone. <i>Chemical Papers</i> , 2020 , 74, 2917-2927	1.9	5
171	Analysis of β -blocker timolol maleate drug residues in wastewater and biological fluids using differential pulse anodic stripping voltammetry. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-17	1.8	3
170	Clay Minerals Functionalized by Magnetite (Fe ₃ O ₄) Nanoparticles as Solid Platform for Removal of Chromium (VI) from Water: Characterization, Kinetics, Thermodynamics, Analytical Utility and Reusability Studies. <i>Analytical Chemistry Letters</i> , 2020 , 10, 636-653	1	0
169	Biogenic Amines Formation Mechanism and Determination Strategies: Future Challenges and Limitations. <i>Critical Reviews in Analytical Chemistry</i> , 2020 , 50, 485-500	5.2	8
168	Tyrosinase enzyme Langmuir monolayer: Surface chemistry and spectroscopic study. <i>Journal of Colloid and Interface Science</i> , 2020 , 564, 254-263	9.3	11
167	A quercetin based fluorescent chemical sensor for ultra-sensitive determination and speciation of tungsten species in water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020 , 229, 117929	4.4	8
166	Rapid and sensitive determination of Pb ²⁺ in water using chromogenic reagent patterned on nail polish modified filter paper. <i>Microchemical Journal</i> , 2020 , 153, 104448	4.8	9

165	A cost-effective solid platform based on nanosized Fe ₂ O ₃ chemically treated polyurethane foam for separation of chromium(VI) from water: characterization, kinetic, thermodynamic study and analytical utility. <i>International Journal of Environmental Analytical Chemistry</i> , 2020 , 1-20	1.8	0
164	Gold nanoparticle aptamer assay for the determination of histamine in foodstuffs. <i>Mikrochimica Acta</i> , 2020 , 187, 452	5.8	12
163	An innovative platform exploiting solid microcrystalline cellulose for selective separation of bromate species in drinking water: Preparation, characterization, kinetics and thermodynamic study. <i>Microchemical Journal</i> , 2020 , 159, 105510	4.8	1
162	A Novel Solid Platform Based Ag Nanoparticles Chemically Impregnated Activated Carbon for Selective Separation of Tungstate Species in Water: Kinetics and Thermodynamic Study. <i>Water, Air, and Soil Pollution</i> , 2020 , 231, 1	2.6	1
161	Yersinia pestis detection using biotinylated dNTPs for signal enhancement in lateral flow assays. <i>Analytica Chimica Acta</i> , 2020 , 1112, 54-61	6.6	11
160	Rapid and sensitive microassay for trace determination and speciation of Cu ²⁺ on commercial book-paper printed with nanolitre arrays of novel chromogenic reagent. <i>Microchemical Journal</i> , 2019 , 146, 434-443	4.8	9
159	Mineral processing: leaching process of chromium and recovery of platinum group elements from Northwestern Saudi Arabian Ophiolitic chromite. <i>SN Applied Sciences</i> , 2019 , 1, 1	1.8	1
158	A novel platform based on gold nanoparticles chemically impregnated polyurethane foam sorbent coupled ion chromatography for selective separation and trace determination of phosphate ions in water. <i>Microchemical Journal</i> , 2019 , 149, 103987	4.8	3
157	High Affinity Aptamer for the Detection of the Biogenic Amine Histamine. <i>Analytical Chemistry</i> , 2019 , 91, 7104-7111	7.8	28
156	Duplex PCR-ELONA for the detection of pork adulteration in meat products. <i>Food Chemistry</i> , 2019 , 287, 354-362	8.5	14
155	Nontoxic amphiphilic carbon dots as promising drug nanocarriers across the blood-brain barrier and inhibitors of β -Amyloid. <i>Nanoscale</i> , 2019 , 11, 22387-22397	7.7	43
154	One-Pot SELEX: Identification of Specific Aptamers against Diverse Steroid Targets in One Selection. <i>ACS Omega</i> , 2019 , 4, 20188-20196	3.9	10
153	An Ultrasensitive Detection Platform for Mercury Ions Speciation in Water Using Procaine Hydrochloride Ion Pair Coupled Extractive Spectrofluorimetry. <i>Journal of Fluorescence</i> , 2019 , 29, 211-219 ^{2,4}	2.4	1
152	Enhancing sensitivity by Triton X-100 in extractive spectrophotometric determination of chromium via transforming the formed binary complex ion associate between chromate and rhodamine 6G into an adduct. <i>Journal of Molecular Liquids</i> , 2018 , 261, 225-231	6	7
151	Quantification of Nucleic Acid Concentration in the Nanoparticle or Polymer Conjugates Using Circular Dichroism Spectroscopy. <i>Analytical Chemistry</i> , 2018 , 90, 2255-2262	7.8	3
150	Square Wave-Anodic Stripping Voltammetric Determination of Copper at a Bismuth Film/Glassy Carbon Electrode Using 3-[(2-Mercapto-Vinyl)-Hydrazono]- 1,3-Dihydro-Indol-2-One. <i>Electroanalysis</i> , 2018 , 30, 1837-1846	3	4
149	A promazine derivative-oriented chemical sensor for ultra-sensitive chromium determination. <i>New Journal of Chemistry</i> , 2018 , 42, 6498-6506	3.6	5
148	Effect of polymer coating composition on the aggregation rates of Ag nanoparticles in NaCl solutions and seawaters. <i>Science of the Total Environment</i> , 2018 , 631-632, 1153-1162	10.2	14

147	A highly conductive thin film composite based on silver nanoparticles and malic acid for selective electrochemical sensing of trichloroacetic acid. <i>Analytica Chimica Acta</i> , 2018 , 1036, 33-48	6.6	10
146	Electrochemical sensor for trace determination of timolol maleate drug in real samples and drug residues using Nafion/carboxylated-MWCNTs nanocomposite modified glassy carbon electrode. <i>Microchemical Journal</i> , 2018 , 143, 474-483	4.8	12
145	Poly(methyl methacrylate)-modified cellulose fibers patterned with highly selective chromogenic reagent for rapid and trace determination of Co ²⁺ in water. <i>Analytical Methods</i> , 2018 , 10, 4454-4462	3.2	8
144	Hand drawn paper-based optical assay plate for rapid and trace level determination of Ag ⁺ in water. <i>Sensors and Actuators B: Chemical</i> , 2018 , 258, 321-330	8.5	16
143	Duplex Lateral Flow Assay for the Simultaneous Detection of Yersinia pestis and Francisella tularensis. <i>Analytical Chemistry</i> , 2018 , 90, 12745-12751	7.8	31
142	Synthesis, spectroscopic, thermal, antimicrobial and electrochemical characterization of some novel Ru(III), Pt(IV) and Ir(III) complexes of pipemidic acid.. <i>RSC Advances</i> , 2018 , 8, 22515-22529	3.7	3
141	Synthesis, Physicochemical and Thermal Analyses of Ru(III), Pt(IV), and Ir(III) Complexes with NO Bidentate Schiff Base Ligand. <i>Russian Journal of Physical Chemistry A</i> , 2018 , 92, 2227-2236	0.7	2
140	Development of Aptamer-Based Lateral Flow Assay <i>Methods</i> 2018 , 273-299		
139	Carbon dots and gold nanoparticles based immunoassay for detection of alpha-L-fucosidase. <i>Analytica Chimica Acta</i> , 2018 , 1041, 114-121	6.6	22
138	Synthesis, spectroscopic and electrochemical characterizations of new Schiff base chelator towards Ru ³⁺ , Pt ⁴⁺ and Ir ³⁺ metal ions. <i>Journal of Molecular Liquids</i> , 2018 , 266, 242-251	6	7
137	Adsorption characteristics of polycyclic aromatic hydrocarbons from non-aqueous media using activated carbon derived from phenol formaldehyde resin: kinetics and thermodynamic study. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 4228-4240	5.1	5
136	Selection and characterization of DNA aptamers against the steroid testosterone. <i>Mikrochimica Acta</i> , 2017 , 184, 1631-1639	5.8	22
135	Aptatope mapping of the binding site of a progesterone aptamer on the steroid ring structure. <i>Analytical Biochemistry</i> , 2017 , 531, 8-11	3.1	13
134	Impact and correlation of pKa and dn electrons of some selected thiosemicarbazone Schiff base metal Co, Ni, Cu complexes: a study of electrochemical behavior, excitation and optical energies. <i>New Journal of Chemistry</i> , 2017 , 41, 4853-4861	3.6	5
133	Carbon dots: Biomacromolecule interaction, bioimaging and nanomedicine. <i>Coordination Chemistry Reviews</i> , 2017 , 343, 256-277	23.2	205
132	Application of Error correction spectrophotometry for determination and speciation of bismuth (III) & (V) species in various water samples, soil, hair and drug formulations. <i>Journal of Molecular Liquids</i> , 2017 , 236, 241-248	6	6
131	A miniaturized assay for sensitive determination of Cu ²⁺ ions on nanolitre arrayed 4-(2-pyridylazo)resorcinol (PAR) spots on polyethersulfone membrane platform. <i>Journal of Molecular Liquids</i> , 2017 , 229, 574-582	6	9
130	Advances in aptamers-based lateral flow assays. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 97, 385-398	14.6	33

129	Mechanisms of silver nanoparticle toxicity to the coastal marine diatom <i>Chaetoceros curvisetus</i> . <i>Scientific Reports</i> , 2017 , 7, 10777	4.9	15
128	Alpha-L-Fucosidase Immunoassay for Early Detection of Hepatocellular Carcinoma. <i>Analytical Chemistry</i> , 2017 , 89, 9459-9466	7.8	12
127	A versatile optical assay plate fabricated from e-waste and its application towards rapid determination of Fe ³⁺ ions in water. <i>New Journal of Chemistry</i> , 2017 , 41, 9731-9740	3.6	4
126	A simple and low cost dual-wavelength correction spectrophotometric determination and speciation of mercury(II) in water using chromogenic reagent 4-(2-thiazolylazo) resorcinol. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 187, 174-180	4.4	3
125	Ultrasensitive and rapid detection of E-conglutinin combining aptamers and isothermal recombinase polymerase amplification. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 143-149	4.4	16
124	The characterization and validation of E-estradiol binding aptamers. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017 , 167, 14-22	5.1	24
123	Detection of silver nanoparticles in seawater at ppb levels using UV-visible spectrophotometry with long path cells. <i>Talanta</i> , 2017 , 164, 257-260	6.2	12
122	A Highly Structured 1,10-Phenanthroline Arrayed Hydrophobic Sulfone Membrane Platform for the Rapid Determination and Speciation of Fe/Fe Ions in Water. <i>Analytical Sciences</i> , 2017 , 33, 511-517	1.7	9
121	Preparation and Utilization of the Precursor Activated Carbon from Carbon Enriched Fuel Oil Fly Ash: Part II Removal and Speciation of Chromium(III and VI) from Wastewater. <i>Current World Environment Journal</i> , 2017 , 12, 553-566	0.7	1
120	Spectrochemical, Thermal, and Kinetic Thermodynamic Characterizations of 3-[(2-hydroxy-phenylimino)-methyl]-Benzene-1,2-Diol Schiff Base Ruthenium(III), Platinum(IV) and Iridium(III) Complexes in Nano Scale Size. <i>Journal of Computational and Theoretical Nanoscience</i> , 2017 , 14, 3747-3757	0.3	
119	Determination of the composition, encapsulation efficiency and loading capacity in protein drug delivery systems using circular dichroism spectroscopy. <i>Analytica Chimica Acta</i> , 2016 , 937, 113-8	6.6	37
118	Hexamethyldisilazane Modified Paper as an Ultra-sensitive Platform for Visual Detection of Hg(2+), Co(2+), Zn(2+) and the Application to Semi-quantitative Determination of Hg(2+) in Wastewater. <i>Analytical Sciences</i> , 2016 , 32, 491-7	1.7	27
117	Trace determination of Cr(III) and Cr(VI) species in water samples via dispersive liquid-liquid microextraction and microvolume UV-Vis spectrometry. Thermodynamics, speciation study. <i>Journal of Molecular Liquids</i> , 2016 , 224, 1242-1248	6	28
116	Aptamer Lateral Flow Assays for Ultrasensitive Detection of E-conglutinin Combining Recombinase Polymerase Amplification and Tailed Primers. <i>Analytical Chemistry</i> , 2016 , 88, 10701-10709	7.8	54
115	Retention profile and chromatographic separation of Y ³⁺ from Sr ²⁺ by Chelex-100 (cation ion exchanger) physically immobilized with ammonium ion. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016 , 310, 875-882	1.5	2
114	Headspace sorptive solid phase microextraction (HS-SPME) combined with a spectrophotometry system: A simple glass device for extraction and simultaneous determination of cyanide and thiocyanate in environmental and biological samples. <i>Talanta</i> , 2016 , 159, 137-142	6.2	16
113	Synthesis, Voltammetric and Analytical Applications of Some Fluorine Substituted Spirosteroidal thiazolidin-4-one Derivatives of Sulfa Drugs. <i>Journal of the Chinese Chemical Society</i> , 2016 , 63, 189-198	1.5	4
112	Redox behavior, chromatographic and spectroscopic characterization of some reactive E-conjugated 4?-tricyanovinylhydrazone dyes. <i>RSC Advances</i> , 2016 , 6, 5296-5304	3.7	1

111	Styrofoam modified paper as a low-cost platform for qualitative and semi-quantitative determination of Ni ²⁺ ions in wastewater. <i>Analytical Methods</i> , 2016 , 8, 1496-1504	3.2	15
110	A critical overview on the chemistry, clean-up and recent advances in analysis of biogenic amines in foodstuffs. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 78, 84-94	14.6	68
109	Serum protein biomarkers relevant to hepatocellular carcinoma and their detection. <i>Analyst, The</i> , 2016 , 141, 36-44	5	49
108	Interactions between Carbon Nanomaterials and Biomolecules. <i>Journal of Oleo Science</i> , 2016 , 65, 1-7	1.6	44
107	An ultrasound-assisted ion association dispersive liquid-liquid microextraction coupled with micro-volume spectrofluorimetry for chromium speciation. <i>RSC Advances</i> , 2016 , 6, 69492-69500	3.7	11
106	Ultrasensitive, rapid and inexpensive detection of DNA using paper based lateral flow assay. <i>Scientific Reports</i> , 2016 , 6, 37732	4.9	94
105	Study of the Alpha-l-Fucosidase Langmuir Monolayer at the Air-Water Interface. <i>Journal of Physical Chemistry B</i> , 2016 , 120, 12843-12849	3.4	2
104	"Dark" carbon dots specifically "light-up" calcified zebrafish bones. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7398-7405	7.3	29
103	Polyethersulfone membrane printed with 1-(2-pyridylazo)-2-naphthol (PAN) sensor for sensitive enrichment and rapid determination of Zn ²⁺ in water. <i>RSC Advances</i> , 2016 , 6, 73731-73740	3.7	11
102	Recent advances in dispersive liquid-liquid microextraction for pesticide analysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 72, 181-192	14.6	114
101	Ion pairing based polyurethane foam sorbent packed column combined with inductively coupled plasma-optical emission spectrometry for sensitive determination and chemical speciation of bismuth(III & V) in water. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 28, 377-383	6.3	12
100	Extractive liquid-liquid spectrofluorometric determination of trace and ultra concentrations of bromate in water samples by the fluorescence quenching of tetraphenylphosphonium iodide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 138, 736-42	4.4	12
99	Kinetics and thermodynamic characteristics of cadmium(II) sorption from water using procaine hydrochloride physically impregnated polyurethane foam. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 28, 147-152	6.3	12
98	Redox behavior and adsorptive cathodic stripping voltammetric determination of nanomolar levels of palladium using a novel Schiff base reagent containing a squaric acid moiety. <i>Analytical Methods</i> , 2014 , 6, 6997-7005	3.2	3
97	Separation and determination of cadmium in water by foam column prior to inductively coupled plasma optical emission spectrometry. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 308-314	6.3	22
96	Retention profile and selective separation of ⁹⁰ Y from ⁸⁹ Sr using zirconium-vanadate gel packed column. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 295, 1873-1880	1.5	2
95	Analysis of spironolactone residues in industrial wastewater and in drug formulations by cathodic stripping voltammetry. <i>Journal of Pharmaceutical Analysis</i> , 2013 , 3, 137-143	14	4
94	Dispersive liquid-liquid microextraction for chemical speciation and determination of ultra-trace concentrations of metal ions. <i>TrAC - Trends in Analytical Chemistry</i> , 2013 , 44, 12-24	14.6	82

93	Separation of Y from Sr by zirconium vanadate gel ion-exchanger sorbent: kinetics and thermodynamic study. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013 , 295, 15-22	1.5	7
92	Spectroscopic and electrochemical characterization of some Schiff base metal complexes containing benzoin moiety. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013 , 113, 459-65	4.4	19
91	A new method for analysis of sunset yellow in food samples based on cloud point extraction prior to spectrophotometric determination. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 529-535	6.3	63
90	Spectrofluorometric determination and chemical speciation of trace concentrations of tungsten species in water using the ion pairing reagent procaine hydrochloride. <i>Talanta</i> , 2012 , 88, 587-92	6.2	11
89	Synthesis and voltammetric study of some new macrocyclic sulfur compounds for use as chelating agents for separation of arsenic (III) in wastewater and as molluscicidal agents against <i>Biomphalaria Alexandrina</i> Snails. <i>Comptes Rendus Chimie</i> , 2012 , 15, 617-626	2.7	7
88	Analysis of some selected catechins and caffeine in green tea by high performance liquid chromatography. <i>Food Chemistry</i> , 2012 , 134, 2268-75	8.5	75
87	Multi-Walled Carbon Nanotubes Film Sensor for Carbon Mono-Oxide Gas. <i>Current Nanoscience</i> , 2012 , 8, 274-279	1.4	5
86	Spectrofluorometric determination and chemical speciation of trace concentrations of chromium (III & VI) species in water using the ion pairing reagent tetraphenyl-phosphonium bromide. <i>Talanta</i> , 2011 , 84, 175-9	6.2	27
85	Synthesis of New Bioactive Sulfur Compounds Bearing Heterocyclic Moiety and Their Analytical Applications. <i>International Journal of Chemistry</i> , 2011 , 3,	1.1	4
84	Chemical speciation of chromium(III) and (VI) using phosphonium cation impregnated polyurethane foams prior to their spectrometric determination. <i>Analytical Sciences</i> , 2011 , 27, 757	1.7	11
83	Solid phase preconcentration and determination of trace concentrations of total gold (I) and/or (III) in sea and wastewater by ion pairing impregnated polyurethane foam packed column prior flame atomic absorption spectrometry. <i>International Journal of Mineral Processing</i> , 2011 , 100, 110-115		13
82	Selective determination of thorium in water using dual-wavelength correction spectrophotometry and the reagent 4-(2-pyridylazo)-resorcinol. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2011 , 289, 345-351	1.5	4
81	Mineral processing and extraction of rare earth elements from the Wadi Khmal Nelsonite Ore, Northwestern Saudi Arabia. <i>Arabian Journal of Geosciences</i> , 2011 , 4, 353-363	1.8	9
80	Analysis of Some Selected Persistent Organic Chlorinated Pesticides in Marine Water and Food Stuffs by Differential Pulse-Cathodic Stripping Voltammetry. <i>Electroanalysis</i> , 2011 , 23, 1175-1185	3	11
79	Antioxidant and antibacterial characteristics of phenolic extracts of locally produced honey in Saudi Arabia. <i>International Journal of Food Sciences and Nutrition</i> , 2011 , 62, 513-7	3.7	10
78	Thiazolidinone Steroids Impregnated Polyurethane Foams as a Solid Phase Extractant for the Extraction and Preconcentration of Cadmium(II) from Industrial Wastewater. <i>E-Journal of Chemistry</i> , 2011 , 8, 887-895		6
77	An overview on the accumulation, distribution, transformations, toxicity and analytical methods for the monitoring of persistent organic pollutants. <i>Talanta</i> , 2010 , 80, 1587-97	6.2	385
76	Separation of Cadmium(II), Iron(III), Nickel(II) and Copper(II) in Aqueous Solutions Using Adogen-Foam Columns. <i>Bulletin Des Sociétés Chimiques Belges</i> , 2010 , 94, 631-633		2

75	Part 1. Spectrophotometric determination of trace mercury (II) in dental-unit wastewater and fertilizer samples using the novel reagent 6-hydroxy-3-(2-oxoindolin-3-ylideneamino)-2-thioxo-2H-1,3-thiazin-4(3H)-one and the dual-wavelength beta-correction spectrophotometry. <i>Journal of Hazardous Materials</i> , 2010 , 179, 287-92	12.8	40
74	Dual-wavelength beta-correction spectrophotometric determination of trace concentrations of cyanide ions based on the nucleophilic addition of cyanide to imine group of the new reagent 4-hydroxy-3-(2-oxoindolin-3-ylideneamino)-2-thioxo-2H-1,3-thiazin-6(3H)-one. <i>Analytica Chimica Acta</i> , 2010 , 657, 69-74	6.6	26
73	Spectrofluorimetric method for measuring the activity of the enzyme alpha-L-fucosidase using the ion associate of 2-chloro-4-nitro phenol-rhodamine-B. <i>Talanta</i> , 2009 , 80, 19-23	6.2	12
72	Development of an analytical method for trace gold in aqueous solution using polyurethane foam sorbents: kinetic and thermodynamic characteristic of gold(III) sorption. <i>Analytical Sciences</i> , 2009 , 25, 413-8	1.7	20
71	Sorption profile and chromatographic separation of uranium (VI) ions from aqueous solutions onto date pits solid sorbent. <i>Talanta</i> , 2008 , 76, 1041-6	6.2	41
70	Retention profile and subsequent chemical speciation of chromium (III) and (VI) in industrial wastewater samples employing some onium cations loaded polyurethane foams. <i>Microchemical Journal</i> , 2008 , 89, 13-19	4.8	26
69	Extractive liquid-liquid spectrophotometric procedure for the determination of thiocyanate ions employing the ion pair reagent amiloride monohydrochloride. <i>Analytica Chimica Acta</i> , 2007 , 592, 16-23	6.6	10
68	Sorption characteristics and chromatographic separation of gold (I and III) from silver and base metal ions using polyurethane foams. <i>Analytica Chimica Acta</i> , 2007 , 601, 218-29	6.6	36
67	Analysis of domperidone in pharmaceutical formulations and wastewater by differential pulse voltammetry at a glassy-carbon electrode. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 719-25	4.4	19
66	Chemical speciation and recovery of gold(I, III) from wastewater and silver by liquid-liquid extraction with the ion-pair reagent amiloride mono hydrochloride and AAS determination. <i>Talanta</i> , 2007 , 72, 1494-9	6.2	66
65	Synthesis and spectroscopic characterization of cobalt(II) thiosemicarbazone complexes. <i>Journal of Coordination Chemistry</i> , 2006 , 59, 845-859	1.6	26
64	Chemical equilibria and sequential extractive spectrophotometric determination of selenium(IV) and (VI) using the chromogenic reagent 4,4'-dichlorodithizone. <i>International Journal of Environmental Analytical Chemistry</i> , 2006 , 86, 941-954	1.8	7
63	Determination of trace levels of diosmin in a pharmaceutical preparation by adsorptive stripping voltammetry at a glassy carbon electrode. <i>Analytical Sciences</i> , 2006 , 22, 1351-4	1.7	22
62	A novel barium polymeric membrane sensor for selective determination of barium and sulphate ions based on the complex ion associate barium(II)Rose Bengal as neutral ionophore. <i>Analytica Chimica Acta</i> , 2006 , 555, 322-328	6.6	14
61	Spectrophotometric determination of copper(II) in natural waters, vitamins and certified steel scrap samples using acetophenone-p-chlorophenylthiosemicarbazone. <i>Journal of the Iranian Chemical Society</i> , 2006 , 3, 140-150	2	10
60	Retention profile, kinetics and sequential determination of selenium(IV) and (VI) employing 4,4'-dichlorodithizone immobilized-polyurethane foams. <i>Talanta</i> , 2005 , 67, 806-15	6.2	26
59	A potentiometric rhodamine-B based membrane sensor for the selective determination of chromium ions in wastewater. <i>Analytical Sciences</i> , 2005 , 21, 673-8	1.7	31
58	Spectroscopic, thermal and electrochemical studies on some nickel(II) thiosemicarbazone complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005 , 61, 243-52	4.4	69

57	Differential pulse voltammetric determination of the dopaminergic agonist bromocriptine at glassy carbon electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005 , 37, 195-8	3.5	12
56	Chemical speciation of chromium(III,VI) employing extractive spectrophotometry and tetraphenylarsonium chloride or tetraphenylphosphonium bromide as ion-pair reagent. <i>Analytica Chimica Acta</i> , 2005 , 534, 319-326	6.6	39
55	An investigation into the retention profile and kinetics of sorption of the ternary complex ion associate of uranyl ions with crown ether and picric acid by the polyurethane foams. <i>Analytica Chimica Acta</i> , 2005 , 536, 227-235	6.6	11
54	Kinetics, thermodynamic and chromatographic behaviour of the uranyl ions sorption from aqueous thiocyanate media onto polyurethane foams. <i>Analytica Chimica Acta</i> , 2005 , 546, 221-228	6.6	25
53	Spectral, magnetic, thermal and electrochemical studies on new copper(II) thiosemicarbazone complexes. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 713-733	1.6	61
52	Ligand influence on the electrochemical behavior of some copper(II) thiosemicarbazone complexes. <i>Transition Metal Chemistry</i> , 2005 , 30, 464-470	2.1	17
51	Synthesis, spectroscopic characterization, redox properties and catalytic activity of some ruthenium(II) complexes containing aromatic aldehyde and triphenylphosphine or triphenylarsine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004 , 60, 121-7	4.4	61
50	Polymer membrane sensors for sildenafil citrate (Viagra) determination in pharmaceutical preparations. <i>Analytica Chimica Acta</i> , 2004 , 515, 303-309	6.6	33
49	Potentiometric determination of dopamine in pharmaceutical preparations by crown ether-PVC membrane sensors. <i>Analytical Sciences</i> , 2004 , 20, 651-5	1.7	19
48	Chemical and thermodynamic characteristics of the isotopic exchange reaction between radioiodine and iodohippuric acid isomers. <i>Analytical Sciences</i> , 2003 , 19, 1331-4	1.7	5
47	Use of open-cell resilient polyurethane foam loaded with crown ether for the preconcentration of uranium from aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2003 , 258, 619-625	1.5	6
46	Retention and thermodynamic characteristics of mercury(II) complexes onto polyurethane foams. <i>Analytica Chimica Acta</i> , 2003 , 481, 29-39	6.6	29
45	Kinetics and retention characteristics of some nitrophenols onto polyurethane foams. <i>Analytica Chimica Acta</i> , 2003 , 487, 249-259	6.6	15
44	Extraction and recovery of Au, Sb and Sn from electrorefined solid waste. <i>Analytica Chimica Acta</i> , 2001 , 436, 69-77	6.6	19
43	Ruthenium(II) 2-hydroxybenzophenone N(4)-substituted thiosemicarbazone complexes. <i>Transition Metal Chemistry</i> , 2000 , 25, 470-473	2.1	34
42	Differential Pulse Polarographic Analysis of Chlorpyrifos Insecticide. <i>Electroanalysis</i> , 1998 , 10, 784-786	3	18
41	Determination of the pesticide Chlorpyrifos by cathodic adsorptive stripping voltammetry. <i>Fresenius Journal of Analytical Chemistry</i> , 1998 , 362, 344-347		13
40	Sequential Titrimetric and Spectrophotometric Determinations of Trace Amounts of Tin(II) and Tin(IV) by Amplification Reactions. <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 597-601	5.1	4

39	Heavy metal (Ni, Co, Cr and Pb) contamination in liver and skin tissues of lethrinus lentjan fish family: lethrinidae (toelost) from the Arabian Gulf. <i>International Journal of Food Sciences and Nutrition</i> , 1998 , 49, 447-451	3.7	7
38	Retention and Separation Behavior of Some Organophosphorus and Pyrethroid Insecticides on Polyurethane Foams.. <i>Analytical Sciences</i> , 1997 , 13, 633-638	1.7	3
37	Detection and semiquantitative determination of bismuth(III) in water on immobilized and plasticized polyurethane foams with some chromogenic reagents. <i>Talanta</i> , 1997 , 44, 483-9	6.2	12
36	Sensitive detection and semiquantitative determination of mercury(II) and lead(II) in aqueous media using polyurethane foam immobilized 1,5-di-(2-fluorophenyl)-3-mercaptoformazan. <i>Talanta</i> , 1997 , 45, 203-11	6.2	19
35	Retention profiles of some commercial pesticides, pyrethroid and acaricide residues and their application to tomato and parsley plants. <i>Journal of Chromatography A</i> , 1997 , 760, 179-92	4.5	15
34	Extraction equilibrium of the ion-associate of periodate with amiloride hydrochloride and simultaneous spectrophotometric determination of periodate and iodate by liquid-liquid extraction. <i>Analytica Chimica Acta</i> , 1997 , 356, 85-91	6.6	15
33	Spectrophotometric determination of periodate or iodate ions by liquid-liquid extraction as an ion-pair using tetramethylammonium iodide. <i>Talanta</i> , 1996 , 43, 2037-43	6.2	28
32	Spectrophotometric determination of bismuth(III and V) in water after ion-pair liquid-liquid extraction using tetramethylammonium cation as counter ion. <i>Fresenius Journal of Analytical Chemistry</i> , 1996 , 354, 200-203		8
31	Preconcentration and separation of acaricides by polyether based polyurethane foam. <i>Analytica Chimica Acta</i> , 1996 , 320, 277-287	6.6	15
30	Spectrophotometric determination of rhenium as perrhenate by extraction with amiloride hydrochloride. <i>Analytica Chimica Acta</i> , 1996 , 322, 107-109	6.6	5
29	Bacterial, nutrients and heavy metal ions pollution assessment along the eastern coastal area of the United Arab Emirates. <i>Journal of Aquatic Ecosystem Health</i> , 1996 , 5, 73-81		6
28	Qualitative, semi-quantitative and spectrophotometric determination of ruthenium(III) by solid-phase extraction with 3-hydroxy-2-methyl-1,4-naphthoquinone-4-oxime-loaded polyurethane foam columns. <i>Journal of Chromatography A</i> , 1995 , 697, 185-190	4.5	11
27	The retention behaviour and separation of some water-soluble organophosphorus insecticides on polyester-based polyurethane foams. <i>Talanta</i> , 1995 , 42, 1471-8	6.2	6
26	Chemical amplification methods for the sequential determination of trace amounts of ruthenium by titrimetric and spectrophotometric procedures. <i>Talanta</i> , 1995 , 42, 1641-9	6.2	7
25	Microgram Determination of Bismuth by Sequential High-Fold Chemical-Amplification Reactions.. <i>Analytical Sciences</i> , 1995 , 11, 323-326	1.7	3
24	Iodometric determination of gold and platinum by 168- and 126-fold chemical amplification reactions. <i>Analytica Chimica Acta</i> , 1995 , 307, 139-144	6.6	15
23	Preconcentration and Separation of Phenols from Water by Polyurethane Foams. <i>Separation Science and Technology</i> , 1994 , 29, 289-299	2.5	9
22	Spectrophotometric and Polarographic Studies of Di-2-pyridyl ketone 2-thienoylhydrazone.. <i>Analytical Letters</i> , 1994 , 27, 1907-1919	2.2	7

21	Adsorptive stripping voltammetric measurements of trace amounts of platinum(II) and ruthenium(III) in the presence of 1-(2-pyridylazo)-2-naphthol. <i>Fresenius Journal of Analytical Chemistry</i> , 1994 , 348, 730-735		14
20	Spectroelectrochemistry of nickel(II) complexes of N,N'-bis(salicylaldehyde)- β -phenylenediamine and N,N-bis(2-hydroxy-1-naphthaldehyde)- β -phenylenediamine using an optically transparent thin-layer electrode. <i>Analyst, The</i> , 1994 , 119, 327-331	5	17
19	The sorption behaviour and separation of some metal thiocyanate complexes on polyether-based polyurethane foam. <i>Talanta</i> , 1994 , 41, 617-23	6.2	5
18	Retention and separation of some organic water pollutants with unloaded and tri-n-octylamine loaded polyester-based polyurethane foams. <i>Talanta</i> , 1994 , 41, 1481-8	6.2	12
17	Chromium(III) Complexes with Some Optically Active β -Hydroxy Acids. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993 , 48, 282-286	1	3
16	Iodometric microdetermination of arsenic and antimony in organic compounds by use of amplification reactions. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 346, 455-455		9
15	Preconcentration and separation of some organic water pollutants with polyurethane foam and activated carbon. <i>Chromatographia</i> , 1993 , 36, 318-322	2.1	6
14	Chromium(III) complexes of d,l-tartaric and d,l-mandelic acids. <i>Transition Metal Chemistry</i> , 1992 , 17, 543-546	1	7
13	Flow-injection extraction-spectrophotometric determination of manganese(VII) with benzyltributylammonium cations. <i>Analytica Chimica Acta</i> , 1992 , 270, 213-215	6.6	9
12	Spectrophotometric Determination of Nickel(II) with Some Schiff Base Ligands.. <i>Analytical Sciences</i> , 1991 , 7, 443-446	1.7	7
11	Removal of organic pollutants from aqueous solution. V. Comparative study of the extraction, recovery and chromatographic separation of some organic insecticides using unloaded polyurethane foam columns. <i>Journal of Chromatography A</i> , 1991 , 552, 371-9	4.5	16
10	Iodometric microdetermination of thallium in aqueous media and in organic compounds by chemical amplification reactions. <i>Fresenius Journal of Analytical Chemistry</i> , 1990 , 337, 886-886		2
9	Phase separation and physical properties of sodium borosilicate glasses with intermediate silica content. <i>Journal Physics D: Applied Physics</i> , 1990 , 23, 1441-1446	3	7
8	Trace Analysis by Direct Spectrophotometric Measurements on Polyurethane Foam. Determination of Chromium (VI) as Blue Perchromic Acid with Unloaded & Tri-n-Butylphosphate Loaded Foam. <i>Analytical Letters</i> , 1990 , 23, 703-717	2.2	5
7	Iodometric microgram determination of Mn(II) in aqueous media by an indirect chemical amplification reaction. <i>Talanta</i> , 1989 , 36, 783-5	6.2	8
6	Extraction and recovery of some organic insecticides on polyurethane foam columns.. <i>Analytical Sciences</i> , 1989 , 5, 415-417	1.7	4
5	Chromium(III) complexes with sugars. <i>Inorganica Chimica Acta</i> , 1986 , 124, L25-L26	2.7	15
4	Collection and separation of some organic insecticides on polyurethane foam columns. <i>Fresenius Zeitschrift Für Analytische Chemie</i> , 1986 , 324, 59-60		12

3	Detection and semiquantitative determination of nickel with dimethylglyoxime-loaded foam. <i>Talanta</i> , 1982 , 29, 789-90	6.2	3
2	Qualitative and semi-quantitative determination of chromium(VI) in aqueous solution using 1,5-diphenylcarbazide-loaded foam. <i>Analyst, The</i> , 1981 , 106, 809	5	12
1	Varnish polish functionalized paper as a new solid platform for colorimetric determination of copper (II) in water. <i>International Journal of Environmental Analytical Chemistry</i> , 1-20	1.8	