

Kate Grudpan

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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.

155 papers	2,567 citations	28 h-index	39 g-index
165 ext. papers	2,807 ext. citations	5 avg, IF	5 L-index

#	Paper	IF	Citations
155	Analysis of sudan I, sudan II, sudan III, and sudan IV in food by HPLC with electrochemical detection: Comparison of glassy carbon electrode with carbon nanotube-ionic liquid gel modified electrode. <i>Food Chemistry</i> , 2008 , 109, 876-82	8.5	111
154	Applications of everyday IT and communications devices in modern analytical chemistry: A review. <i>Talanta</i> , 2015 , 136, 84-94	6.2	74
153	Electroanalysis of sulfonamides by flow injection system/high-performance liquid chromatography coupled with amperometric detection using boron-doped diamond electrode. <i>Talanta</i> , 2006 , 68, 1726-31	6.2	62
152	Recent developments in automatic solid-phase extraction with renewable surfaces exploiting flow-based approaches. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 749-761	14.6	60
151	Simple flow-injection system for the simultaneous determination of nitrite and nitrate in water samples. <i>Talanta</i> , 2004 , 64, 1259-65	6.2	55
150	Flow based immuno/bioassay and trends in micro-immuno/biosensors. <i>Mikrochimica Acta</i> , 2010 , 169, 201-220	5.8	53
149	Sequential injection monosegmented flow voltammetric determination of cadmium and lead using a bismuth film working electrode. <i>Talanta</i> , 2009 , 79, 1118-24	6.2	51
148	Rhodamine B-based Turn-on Fluorescent and colorimetric chemosensors for highly sensitive and selective detection of mercury (II) ions. <i>Journal of Luminescence</i> , 2012 , 132, 35-40	3.8	50
147	Exploiting flow injection and sequential injection anodic stripping voltammetric systems for simultaneous determination of some metals. <i>Talanta</i> , 2002 , 58, 1235-42	6.2	50
146	Fast and simultaneous detection of heavy metals using a simple and reliable microchip-electrochemistry route: An alternative approach to food analysis. <i>Talanta</i> , 2008 , 74, 683-9	6.2	49
145	Flow injection in-valve-mini-column pretreatment combined with ion chromatography for cadmium, lead and zinc determination. <i>Talanta</i> , 2004 , 64, 1241-6	6.2	45
144	Flow injection amperometry for the determination of iodate in iodized table salt. <i>Analytica Chimica Acta</i> , 2001 , 438, 299-304	6.6	44
143	Room temperature imidazolium ionic liquid: a solvent for extraction of carbamates prior to liquid chromatographic analysis. <i>Talanta</i> , 2011 , 84, 1253-8	6.2	42
142	Dual optical detection of a novel selective mercury sensor based on 7-nitrobenzo-2-oxa-1,3-diazolyl subunits. <i>Tetrahedron Letters</i> , 2009 , 50, 1783-1786	2	42
141	Successive determination of urinary protein and glucose using spectrophotometric sequential injection method. <i>Analytica Chimica Acta</i> , 2007 , 604, 139-46	6.6	42
140	Flow injection spectrophotometric or conductometric determination of ascorbic acid in a vitamin C tablet using permanganate or ammonia. <i>Talanta</i> , 1999 , 49, 1023-6	6.2	42
139	Sequential injection redox or acid-base titration for determination of ascorbic acid or acetic acid. <i>Talanta</i> , 2002 , 58, 1139-44	6.2	41

138	Determination of linear alkylbenzene sulfonates in water samples by liquid chromatography-UV detection and confirmation by liquid chromatography-mass spectrometry. <i>Talanta</i> , 2005 , 67, 686-95	6.2	40
137	Determination of ethanol in liquor by near-infrared spectrophotometry with flow injection. <i>Talanta</i> , 2001 , 53, 1199-204	6.2	40
136	Webcam camera as a detector for a simple lab-on-chip time based approach. <i>Talanta</i> , 2010 , 81, 1137-41	6.2	38
135	Interaction of trace elements in acid mine drainage solution with humic acid. <i>Water Research</i> , 2006 , 40, 2044-54	12.5	38
134	Exploiting guava leaf extract as an alternative natural reagent for flow injection determination of iron. <i>Talanta</i> , 2005 , 68, 262-7	6.2	35
133	Some recent developments on cost-effective flow-based analysis. <i>Talanta</i> , 2004 , 64, 1084-90	6.2	34
132	The case for the use of unrefined natural reagents in analytical chemistry: A green chemical perspective. <i>Analytical Methods</i> , 2010 , 2, 1651	3.2	33
131	Flow injection analysis of doxycycline or chlortetracycline in pharmaceutical formulations with pulsed amperometric detection. <i>Talanta</i> , 2004 , 64, 1247-52	6.2	32
130	Determination of dissolved inorganic carbon (DIC) and dissolved organic carbon (DOC) in freshwaters by sequential injection spectrophotometry with on-line UV photo-oxidation. <i>Analytica Chimica Acta</i> , 2005 , 554, 17-24	6.6	31
129	Sequential injection lab-on-valve simultaneous spectrophotometric determination of trace amounts of copper and iron. <i>Talanta</i> , 2006 , 68, 527-34	6.2	30
128	Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry. <i>Talanta</i> , 2005 , 68, 416-21	6.2	29
127	Synthesis of a novel fluorescent sensor bearing dansyl fluorophores for the highly selective detection of mercury (II) ions. <i>Molecules</i> , 2010 , 15, 1798-810	4.8	28
126	Exploiting sequential injection analysis with bead injection and lab-on-valve for determination of lead using electrothermal atomic absorption spectrometry. <i>Analytica Chimica Acta</i> , 2003 , 499, 167-172	6.6	26
125	Flow injection analysis of tetracycline in pharmaceutical formulation with pulsed amperometric detection. <i>Analytica Chimica Acta</i> , 2003 , 499, 191-197	6.6	26
124	Hg ²⁺ -induced self-assembly of a naphthalimide derivative by selective turn-on of monomer/excimer emissions. <i>Journal of Luminescence</i> , 2013 , 134, 686-690	3.8	25
123	Flow Injection/Sequential Injection Chromatography: A Review of Recent Developments in Low Pressure with High Performance Chemical Separation. <i>Analytical Letters</i> , 2013 , 46, 1640-1671	2.2	25
122	Flow injection spectrophotometric determination of uranium with in-valve ion-exchange column preconcentration and separation. <i>Analyst</i> , 1995 , 120, 2107	5	25
121	Review on screening and analysis techniques for hemoglobin variants and thalassemia. <i>Talanta</i> , 2005 , 65, 1149-61	6.2	24

120	Development of sequential injection-lab-at-valve (SI-LAV) micro-extraction instrumentation for the spectrophotometric determination of an anionic surfactant. <i>Analytical Sciences</i> , 2006 , 22, 137-40	1.7	24
119	Determination of lead in soil samples by in-valve solid-phase extraction flow injection flame atomic absorption spectrometry. <i>Analyst, The</i> , 1996 , 121, 1413-1417	5	24
118	A cost-effective assay for antioxidant using simple cotton thread combining paper based device with mobile phone detection. <i>Talanta</i> , 2018 , 177, 171-175	6.2	23
117	Sequential injection anodic stripping voltammetry with monosegmented flow and in-line UV digestion for determination of Zn(II), Cd(II), Pb(II) and Cu(II) in water samples. <i>Talanta</i> , 2011 , 84, 1366-73	6.2	23
116	Novel approach for mono-segmented flow micro-titration with sequential injection using a lab-on-valve system: a model study for the assay of acidity in fruit juices. <i>Analyst, The</i> , 2005 , 130, 299-303	5	23
115	Measurement of nitrophenols in rain and air by two-dimensional liquid chromatography-chemically active liquid core waveguide spectrometry. <i>Analytical Chemistry</i> , 2010 , 82, 5838-43	7.8	22
114	DRC trade mark ICP-MS coupled with automated flow injection system with anion exchange minicolumns for determination of selenium compounds in water samples. <i>Talanta</i> , 2007 , 73, 352-7	6.2	22
113	Sequential injection with lab-at-valve (LAV) approach for potentiometric determination of chloride. <i>Talanta</i> , 2005 , 65, 789-93	6.2	22
112	Determination of diphenhydramine hydrochloride in some single tertiary alkylamine pharmaceutical preparations by flow injection spectrophotometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 30, 105-12	3.5	22
111	A rapid and sensitive spectrophotometric method for the determination of benzoyl peroxide in wheat flour samples. <i>Journal of Food and Drug Analysis</i> , 2015 , 23, 652-659	7	21
110	Exploiting green analytical procedures for acidity and iron assays employing flow analysis with simple natural reagent extracts. <i>Talanta</i> , 2011 , 84, 1396-400	6.2	21
109	Flow injection determination of iron ions with green tea extracts as a natural chromogenic reagent. <i>Analytical Sciences</i> , 2010 , 26, 619-23	1.7	21
108	Pulsed Amperometry for Anti-fouling of Boron-doped Diamond in Electroanalysis of Agonists: Application to Flow Injection for Pharmaceutical Analysis. <i>Sensors</i> , 2006 , 6, 1837-1850	3.8	21
107	Simple flow injection system for colorimetric determination of iodate in iodized salt. <i>Talanta</i> , 2002 , 58, 1195-201	6.2	21
106	Simple colorimetric ammonium assay employing well microplate with gas pervaporation and diffusion for natural indicator immobilized paper sensor via smartphone detection. <i>Microchemical Journal</i> , 2020 , 152, 104283	4.8	21
105	Sequential injection titration with spectrophotometric detection for the assay of acidity in fruit juices. <i>Analytical Sciences</i> , 2006 , 22, 157-60	1.7	20
104	Flow injection spectrophotometry coupled with a crushed barium sulfate reactor column for the determination of sulfate ion in water samples. <i>Talanta</i> , 2004 , 64, 1147-50	6.2	20
103	A new fluorescent sensor bearing three dansyl fluorophores for highly sensitive and selective detection of mercury(II) ions. <i>Tetrahedron Letters</i> , 2011 , 52, 6133-6136	2	19

102	Online assay of bone specific alkaline phosphatase with a flow injection-bead injection system. <i>Analytica Chimica Acta</i> , 2007 , 600, 188-93	6.6	19
101	Determination of dissolved reactive phosphorus (DRP) and dissolved organic phosphorus (DOP) in natural waters by the use of rapid sequenced reagent injection flow analysis. <i>Talanta</i> , 2005 , 66, 453-60	6.2	19
100	A green analytical method for benzoyl peroxide determination by a sequential injection spectrophotometry using natural reagent extracts from pumpkin. <i>Talanta</i> , 2017 , 171, 236-241	6.2	18
99	Flow injection conductimetric or spectrophotometric analysis for acidity in fruit juice. <i>Analytica Chimica Acta</i> , 1998 , 363, 199-202	6.6	18
98	Characterization and use of a Raman liquid-core waveguide sensor using preconcentration principles. <i>Talanta</i> , 2003 , 59, 809-16	6.2	18
97	Continuous and stopped flow injection for catalytic determination of total iodine in urine. <i>Analyst, The</i> , 2001 , 126, 121-6	5	18
96	Successive determination of urinary bilirubin and creatinine employing simultaneous injection effective mixing flow analysis. <i>Talanta</i> , 2015 , 133, 71-6	6.2	16
95	Field-amplified sample injection and in-capillary derivatization for capillary electrophoretic analysis of metal ions in local wines. <i>Microchemical Journal</i> , 2007 , 86, 209-215	4.8	15
94	Soap bubbles in analytical chemistry. Conductometric determination of sub-parts per million levels of sulfur dioxide with a soap bubble. <i>Analytical Chemistry</i> , 2006 , 78, 2786-93	7.8	15
93	Flow injection system with in-line Winkler's procedure using 16-way valve and spectrofluorimetric determination of dissolved oxygen in environmental waters. <i>Talanta</i> , 2004 , 63, 893-8	6.2	14
92	Radiometric detectors for flow-injection analysis. <i>Analytica Chimica Acta</i> , 1991 , 246, 325-328	6.6	14
91	Spectrophotometric method for determination of aluminium content in water and beverage samples employing flow-batch sequential injection system. <i>Journal of Food Composition and Analysis</i> , 2015 , 41, 45-53	4.1	13
90	A Green Sequential Injection Spectrophotometric Approach Using Natural Reagent Extracts from Heartwood of Ceasalpinia sappan Linn. for Determination of Aluminium. <i>Analytical Sciences</i> , 2016 , 32, 329-36	1.7	13
89	Underway determination of dissolved inorganic carbon in estuarine waters by gas-diffusion flow analysis with C4D detection. <i>Analytical Methods</i> , 2012 , 4, 1278	3.2	13
88	Determination of nitrite and nitrate in water samples by an automated hydrodynamic sequential injection method. <i>Analytical Sciences</i> , 2008 , 24, 1599-603	1.7	13
87	Determination of uranium in tin tailings using 4-(2-pyridylazo) resorcinol by flow-injection analysis. <i>Analytica Chimica Acta</i> , 1995 , 314, 51-55	6.6	13
86	Employing natural reagents from turmeric and lime for acetic acid determination in vinegar sample. <i>Journal of Food and Drug Analysis</i> , 2018 , 26, 583-590	7	12
85	Sequential Injection Chromatography as Alternative Procedure for the Determination of Some Food Preservatives. <i>Food Analytical Methods</i> , 2012 , 5, 631-636	3.4	12

84	Flow-injection and sequential-injection determinations of paracetamol in pharmaceutical preparations using nitrosation reaction. <i>Analytical Sciences</i> , 2004 , 20, 837-40	1.7	12
83	Simple simultaneous determination of iron and manganese by sequential injection spectrophotometry using astilbin extracted from Smilax china L. root. <i>Talanta</i> , 2019 , 191, 307-312	6.2	12
82	Conductometric determination of ammonium ion with a mobile drop. <i>Talanta</i> , 2015 , 132, 884-8	6.2	11
81	Flow injection analysis using an aquarium air pump. <i>Fresenius Journal of Analytical Chemistry</i> , 1993 , 346, 882-884		11
80	Use of Aliquat-336 for the extraction of cadmium from aqueous solutions. <i>Analyst, The</i> , 1984 , 109, 585	5	11
79	A multiple processing hybrid flow system for analysis of formaldehyde contamination in food. <i>Analytical Sciences</i> , 2010 , 26, 629-33	1.7	10
78	Flow-injection spectrophotometric determination of calcium using murexide as a color agent. <i>Talanta</i> , 1998 , 46, 1245-57	6.2	10
77	A novel stopped flow injection-amperometric procedure for the determination of chlorate. <i>Talanta</i> , 2005 , 68, 459-64	6.2	10
76	Sequential injection analysis with dynamic surface tension detection High throughput analysis of the interfacial properties of surface-active samples. <i>Talanta</i> , 2003 , 59, 1153-63	6.2	10
75	Dynamic surface tension analysis of dodecyl sulfate association complexes. <i>Talanta</i> , 2001 , 55, 551-60	6.2	10
74	Flow-injection radiorelease analysis for vanadium. <i>Analytica Chimica Acta</i> , 1991 , 246, 329-331	6.6	10
73	In-Line Seawater Phosphate Detection with Ion-Exchange Membrane Reagent Delivery. <i>ACS Sensors</i> , 2018 , 3, 2455-2462	9.2	10
72	Microwave synthesis of ZnO nanoparticles using longan seeds biowaste and their efficiencies in photocatalytic decolorization of organic dyes. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 17548-17554	5.1	9
71	Prediction of liquid chromatographic retention behavior based on quantum chemical parameters using supervised self organizing maps. <i>Talanta</i> , 2013 , 106, 229-36	6.2	9
70	Simultaneous injection effective mixing analysis system for the determination of direct bilirubin in urinary samples. <i>Talanta</i> , 2011 , 87, 113-7	6.2	9
69	Doped soap membranes selectively permeate a chiral isomer. <i>Journal of the American Chemical Society</i> , 2010 , 132, 18045-7	16.4	9
68	Sequential injection-capillary immunoassay system for determination of sialoglycoconjugates. <i>Talanta</i> , 2009 , 79, 1209-15	6.2	9
67	Sequential injection-ELISA based system for online determination of hyaluronan. <i>Talanta</i> , 2005 , 66, 521-7.2	6.2	9

66	Terbium metal organic framework: Microwave synthesis and selective sensing of nitrite. <i>Inorganic Chemistry Communication</i> , 2020 , 111, 107627	3.1	9
65	A new method for spectrophotometric determination of carbaryl based on rubber tree bark peroxidase enzymatic reaction. <i>Microchemical Journal</i> , 2019 , 144, 56-63	4.8	9
64	Application of a webcam camera as a cost-effective sensor with image processing for dual electrochemical - colorimetric detection system. <i>Talanta</i> , 2018 , 185, 160-165	6.2	8
63	Sequential injection-immunoassay system with a plain glass capillary reactor for the assay of hyaluronan. <i>Analytical Sciences</i> , 2010 , 26, 69-74	1.7	8
62	2-[3-(2-Aminoethylsulfanyl)propylsulfanyl]ethanamine Bearing Dansyl Subunits: An Efficient, Simple, and Rapid Fluorometric Sensor for the Detection of Mercury(II) Ions. <i>Chemistry Letters</i> , 2010 , 39, 1099-1101	1.7	8
61	A reverse-flow injection analysis method for the determination of dissolved oxygen in fresh and marine waters. <i>Talanta</i> , 2002 , 58, 1285-91	6.2	8
60	Noodle based analytical devices for cost effective green chemical analysis. <i>Talanta</i> , 2018 , 181, 1-5	6.2	7
59	Simultaneous injection effective mixing flow analysis of urinary albumin using dye-binding reaction. <i>Talanta</i> , 2012 , 96, 50-4	6.2	7
58	Flow injection and sequential injection on-line pre-column derivatization for liquid chromatography. <i>Journal of Chromatographic Science</i> , 2009 , 47, 631-5	1.4	7
57	Hydrodynamic Sequential Injection Spectrophotometric System for Determination of Manganese in Soil. <i>Spectroscopy Letters</i> , 2008 , 41, 221-227	1.1	7
56	Flow-injection in-line complexation for ion-pair reversed phase high performance liquid chromatography of some metal-4-(2-pyridylazo) resorcinol chelates. <i>Talanta</i> , 2006 , 68, 1720-5	6.2	7
55	Selective synthesis of zeolitic phillipsite and hibschite hydrogarnet from lignite ash employing calcium hydroxide under mild conditions. <i>Journal of Physics and Chemistry of Solids</i> , 2005 , 66, 1085-1090	3.9	7
54	Colorimetric ionophore-based coextraction titrimetry of potassium ions. <i>Analytica Chimica Acta</i> , 2018 , 1029, 37-43	6.6	6
53	Micro coulometric titration in a liquid drop. <i>Talanta</i> , 2013 , 115, 258-62	6.2	6
52	Green analytical methodology using Indian almond (<i>Terminalia catappa</i> L.) leaf extract for determination of aluminum ion in waste water from ceramic factories. <i>Analytical Sciences</i> , 2013 , 29, 655-9	1.7	6
51	Sequential injection Lab-at-valve (SI-LAV) segmented flow system for kinetic study of an enzyme. <i>Talanta</i> , 2011 , 85, 804-8	6.2	6
50	Flow Injection and Related Techniques in Blood Studies for Clinical Screening and Analysis: A Review. <i>Analytical Letters</i> , 2011 , 44, 483-502	2.2	6
49	Exploiting flow injection system with mini-immunoaffinity chromatographic column for chondroitin sulfate proteoglycans assay. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 1839-46	4.4	6

48	Simple spectrophotometric flow injection system with an in-valve minicolumn for enhancement during the determination of chromium(III) using EDTA. <i>Analytical Sciences</i> , 2006 , 22, 153-5	1.7	6
47	An absorbance-based micro-fluidic sensor for diffusion coefficient and molar mass determinations. <i>Analytica Chimica Acta</i> , 2006 , 575, 151-8	6.6	6
46	A Cost-Effective Spectrophotometric Method Based on Enzymatic Analysis of Jackfruit Latex Peroxidase for the Determination of Carbaryl and Its Metabolite 1-Naphthol Residues in Organic and Chemical-Free Vegetables. <i>Food Analytical Methods</i> , 2020 , 13, 433-444	3.4	6
45	A stopped flow system with hydrodynamic injection for red blood cells osmotic fragility test: possibility for automatic screening of beta-thalassemia trait. <i>Analytical Sciences</i> , 2009 , 25, 819-24	1.7	5
44	Enhancing chemical analysis with signal derivatization using simple available software packages. <i>Microchemical Journal</i> , 2007 , 86, 195-203	4.8	5
43	A low-cost light-scattering detector for the flow-injection nephelometric determination of sulfate. <i>Analytical Sciences</i> , 2003 , 19, 1495-8	1.7	5
42	A simple flow injection-reduced volume column system for hemoglobin typing. <i>Talanta</i> , 2003 , 60, 1163-70	0.2	5
41	Size-based speciation of iron in clay mineral particles by gravitational field-flow fractionation with electrothermal atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2005 , 60, 109-116	3.1	5
40	Some azo-dye reagents for the spectrophotometric determination of cadmium. <i>Talanta</i> , 1989 , 36, 1005-8	0.2	5
39	A simple platform with moving drops for downscaling chemical analysis incorporating smartphone detection. <i>Talanta</i> , 2019 , 201, 226-229	6.2	4
38	Employing peroxidase from Thai indigenous plants for the application of hydrogen peroxide assay. <i>Journal of the Iranian Chemical Society</i> , 2016 , 13, 1307-1313	2	4
37	Flow-Batch Method with a Sequential Injection System for Spectrophotometric Determination of Selenium(IV) in Selenium-Enriched Yeast Using o-Phenylenediamine. <i>Analytical Letters</i> , 2013 , 46, 1779-1792	1.2	4
36	Flow-injection in-valve solid-phase extraction spectrophotometric determination of uranium in geological samples. <i>Laboratory Robotics and Automation</i> , 1998 , 10, 25-31		4
35	Cost-effective flow injection analysis systems for acetic acid. <i>Laboratory Robotics and Automation</i> , 2000 , 12, 129-132		4
34	Analytical viewpoint. Overhead projector flow injection analysis. <i>Analytical Proceedings</i> , 1993 , 30, 10		4
33	Sustainable Education with Local-Wisdom Based Natural Reagent for Green Chemical Analysis with a Smart Device: Experiences in Thailand. <i>Sustainability</i> , 2021 , 13, 11147	3.6	4
32	Hydrodynamic sequential injection system for a rapid dichlorophenol indophenol precipitation test for hemoglobin E. <i>Mikrochimica Acta</i> , 2009 , 167, 201-209	5.8	3
31	Naphthazarin modified carbon paste electrode for determination of copper(II). <i>Mikrochimica Acta</i> , 2008 , 162, 181-188	5.8	3

30	Simple bead injection-flow injection system for the determination of copper. <i>Analytical Sciences</i> , 2005 , 21, 437-9	1.7	3
29	Liquid handling employing a moving drop for electrokinetic sample introduction system for capillary zone electrophoresis. <i>Talanta</i> , 2020 , 218, 121118	6.2	2
28	Determination of Albumin, Glucose, and Creatinine Employing a Single Sequential Injection Lab-at-Valve with Mono-Segmented Flow System Enabling In-Line Dilution, In-Line Single-Standard Calibration, and In-Line Standard Addition. <i>Molecules</i> , 2020 , 25,	4.8	2
27	Ion-exchange Microemulsions for Eliminating Dilute Interferences in Potentiometric Determinations. <i>Electroanalysis</i> , 2018 , 30, 2462-2466	3	2
26	Sequential Injection Ion Chromatography with Flow Injection Post Column Derivatization Capable of Using the Unstable Reagent Murexide to Determine Calcium and Magnesium in a Mixture. <i>Chromatographia</i> , 2018 , 81, 1269-1276	2.1	2
25	How did flow injection analysis, and its related techniques, develop in various parts of the globe? Reflections of prominent FIA practitioners. <i>Talanta</i> , 2011 , 84, 1200-4	6.2	2
24	Sequential injection-cation exchange micro-column system for hemoglobin typing to differentiate HbE carriers. <i>Analytical Sciences</i> , 2010 , 26, 361-5	1.7	2
23	A dynamic liquid-liquid interfacial pressure detector for the rapid analysis of surfactants in a flowing organic liquid. <i>Talanta</i> , 2005 , 65, 722-9	6.2	2
22	Simple sequential injection analysis systems with a dynamic surface tension detector. <i>Analytical Sciences</i> , 2006 , 22, 147-51	1.7	2
21	Flow-injection spectrophotometric determination of yttrium with Arsenazo III. <i>Laboratory Robotics and Automation</i> , 1999 , 11, 279-283		2
20	Renewable magnetic ion-selective colorimetric microsensors based on surface modified polystyrene beads. <i>Analytica Chimica Acta</i> , 2020 , 1094, 136-141	6.6	2
19	Experiences with the uniqueness of Talanta. <i>Talanta</i> , 2019 , 203, 287-289	6.2	1
18	A new spectrophotometric method based on peroxidase enzymatic reaction to determine tetracycline in pharmaceutical and water samples. <i>Journal of the Iranian Chemical Society</i> , 2020 , 17, 2385 ² -2395 ¹		
17	Green assay of anionic surfactant via ion-association with methylene blue sorbed on polyurethane foam monolithic rod and using a smartphone. <i>Talanta</i> , 2018 , 190, 85-88	6.2	1
16	Sequential Injection System with Modified Glass Capillary for Automation in Immunoassay of Chondroitin Sulfate. <i>Analytical Letters</i> , 2011 , 44, 327-339	2.2	1
15	Miscellaneous Detection Systems. <i>Comprehensive Analytical Chemistry</i> , 2008 , 54, 461-509	1.9	1
14	Illustrating Some Principles of Separation Science through Gravitational Field-Flow Fractionation. <i>Journal of Chemical Education</i> , 2007 , 84, 1955	2.4	1
13	Editorial notes: Flow injection analysis in the Pacific Rims: Examples with various degrees of automation. <i>Laboratory Robotics and Automation</i> , 2000 , 12, 127-128		1

12	Automated monitoring system for quality of treated wastewater from a power plant by incorporating flow injection analysis. <i>Laboratory Robotics and Automation</i> , 2000 , 12, 164-170		1
11	A newly designed sticker-plastic sheet platform and smartphone-based digital imaging for protein assay in food samples with downscaling Kjeldahl digestion.. <i>RSC Advances</i> , 2021 , 11, 36494-36501	3.7	1
10	High sensitivity spectrophotometric determination of tetracycline with zirconium chelation by employing simultaneous injection effective mixing analysis (SIEMA): Tetracycline residue in honey. <i>Journal of Food Composition and Analysis</i> , 2022 , 105, 104215	4.1	1
9	Small-Scale Ultrasound-Assisted Extraction of Phenolics from Pomegranate Peels and Their Application as a Natural Reagent for the Colorimetric Assay of Iron. <i>Analytical Letters</i> , 2020 , 53, 887-904 ^{2,2}		1
8	Towards Green Titration: Batchwise Titration with Reusable Solid Sorbed Indicators. <i>Analytical Sciences</i> , 2019 , 35, 347-350	1.7	1
7	A simple extract of <i>Leucaena leucocephala</i> (Lam.) de Wit leaf containing mimosine as a natural color reagent for iron determination. <i>Microchemical Journal</i> , 2021 , 162, 105860	4.8	1
6	New designs of paper based analytical devices (PADs) for completing replication analysis of a sample within a single run by employing smartphone. <i>Talanta</i> , 2022 , 236, 122848	6.2	1
5	Silver-miang nanocomposites: A green, rapid and simple approach for selective determination of nitrite in water and meat samples. <i>Microchemical Journal</i> , 2021 , 162, 105879	4.8	0
4	Exploiting crude betel nut (<i>Areca catechu</i> Linn.) extracted solution as a natural reagent with sequential injection spectrophotometry for iron analysis in rice samples. <i>Journal of the Iranian Chemical Society</i> , ¹	2	0
3	Lab-at-Home: Hands-On Green Analytical Chemistry Laboratory for New Normal Experimentation. <i>Sustainability</i> , 2022 , 14, 3314	3.6	0
2	A Simple and Reliable Dispersive Liquid-Liquid Microextraction with Smartphone-Based Digital Images for Determination of Carbaryl Residues in <i>Andrographis paniculata</i> Herbal Medicines Using Simple Peroxidase Extract from <i>Senna siamea</i> Lam. Bark. <i>Molecules</i> , 2022 , 27, 3261	4.8	0
1	Continuing studies of radioactive caesium in British Mushrooms. <i>Botanical Journal of Scotland</i> , 2003 , 55, 241-243		