

Jaroon Jakmunee

List of Publications by Year in Descending Order

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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.

164
papers

2,420
citations

28
h-index

36
g-index

173
ext. papers

2,896
ext. citations

4.7
avg, IF

5.51
L-index

#	Paper	IF	Citations
164	Open tubular capillary ion chromatography with online dilution for small ions determination in drinks.. <i>Food Chemistry</i> , 2022 , 382, 132055	8.5	0
163	Nafion mixed carbon nanotube modified screen-printed carbon electrode as a disposable electrochemical sensor for quantification of Amitraz in honey and longan samples. <i>Electrochimica Acta</i> , 2022 , 410, 140050	6.7	0
162	A novel and portable electrochemical sensor for 5-hydroxymethylfurfural detection using silver microdendrite electrodeposited paper-based electrode.. <i>Analyst, The</i> , 2022 ,	5	2
161	Catalyst Composites of Palladium and N-Doped Carbon Quantum Dots-Decorated Silica and Reduced Graphene Oxide for Enhancement of Direct Formic Acid Fuel Cells. <i>ACS Omega</i> , 2022 , 7, 17741-17755	3.9	0
160	The effect of sequentially electrodeposited Pd and Pt metal-supported graphene oxide on enhanced oxidation of mixed acids from biomass production. <i>International Journal of Hydrogen Energy</i> , 2021 , 47, 4075-4075	6.7	0
159	A gold nanoparticle-dye/poly(3-aminobenzylamine)/two dimensional MoSe/graphene oxide electrode towards label-free electrochemical biosensor for simultaneous dual-mode detection of cancer antigen 15-3 and microRNA-21. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 210, 112260	6	4
158	The effect of gold quantum dots/grating-coupled surface plasmons in inverted organic solar cells. <i>Royal Society Open Science</i> , 2021 , 8, 210022	3.3	2
157	A Bifunctional Nanosilver-Reduced Graphene Oxide Nanocomposite for Label-Free Electrochemical Immunosensing. <i>Frontiers in Chemistry</i> , 2021 , 9, 631571	5	3
156	Investigation into the predictive performance of colorimetric sensor strips using RGB, CMYK, HSV, and CIELAB coupled with various data preprocessing methods: a case study on an analysis of water quality parameters. <i>Journal of Analytical Science and Technology</i> , 2021 , 12,	3.4	4
155	Copper/reduced graphene oxide film modified electrode for non-enzymatic glucose sensing application. <i>Scientific Reports</i> , 2021 , 11, 9302	4.9	11
154	An Environmentally Friendly Flow Injection-Gas Diffusion System Using Roselle (L.) Extract as Natural Reagent for the Photometric Determination of Sulfite in Wines. <i>Journal of Analytical Methods in Chemistry</i> , 2021 , 2021, 6665848	2	0
153	A Redox Cu(II)-Graphene Oxide Modified Screen Printed Carbon Electrode as a Cost-Effective and Versatile Sensing Platform for Electrochemical Label-Free Immunosensor and Non-enzymatic Glucose Sensor. <i>Frontiers in Chemistry</i> , 2021 , 9, 671173	5	3
152	The effect of CuO on a PtBased catalyst for oxidation in a low-temperature fuel cell. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 5999-6013	6.7	8
151	A label-free immunosensor for the detection of a new lung cancer biomarker, GM2 activator protein, using a phosphomolybdic acid/polyethyleneimine coated gold nanoparticle composite. <i>Analyst, The</i> , 2021 , 146, 2203-2211	5	10
150	An electrochemical biosensor for simultaneous detection of breast cancer clinically related microRNAs based on a gold nanoparticles/graphene quantum dots/graphene oxide film. <i>Analyst, The</i> , 2021 , 146, 4000-4009	5	15
149	A facile colorimetric aptasensor for low-cost chlorpyrifos detection utilizing gold nanoparticle aggregation induced by polyethyleneimine. <i>Analyst, The</i> , 2021 , 146, 4848-4857	5	6
148	Oxidative biotransformation of stemofoline alkaloids. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021 , 49, 166-172	6.1	1

147	A label-free multiplex electrochemical biosensor for the detection of three breast cancer biomarker proteins employing dye/metal ion-loaded and antibody-conjugated polyethyleneimine-gold nanoparticles. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 6576-6585	7.3	7
146	Surface Plasmon Resonance Field-Enhanced Fluorescence Properties of Gold Quantum Dots on Polyelectrolyte Multilayers and Their H ₂ O ₂ Sensor Application. <i>Plasmonics</i> , 2021 , 16, 1195-1202	2.4	2
145	A simple label-free electrochemical sensor for sensitive detection of alpha-fetoprotein based on specific aptamer immobilized platinum nanoparticles/carboxylated-graphene oxide. <i>Scientific Reports</i> , 2021 , 11, 13969	4.9	14
144	A novel flow injection amperometric sensor based on carbon black and graphene oxide modified screen-printed carbon electrode for highly sensitive determination of uric acid. <i>Talanta</i> , 2021 , 232, 122493	6.2	6
143	Reliable colorimetric aptasensor exploiting 72-Mers ssDNA and gold nanoprobe for highly sensitive detection of aflatoxin M1 in milk. <i>Journal of Food Composition and Analysis</i> , 2021 , 102, 103992	4.1	2
142	Electrochemical detection of matrix metalloproteinase-7 using an immunoassay on a methylene blue/2D MoS ₂ /graphene oxide electrode. <i>Bioelectrochemistry</i> , 2021 , 142, 107944	5.6	3
141	Development of a colorimetric aptasensor for aflatoxin B1 detection based on silver nanoparticle aggregation induced by positively charged perylene diimide. <i>Food Control</i> , 2021 , 130, 108323	6.2	3
140	Smartphone digital image colorimetric determination of the total monomeric anthocyanin content in black rice via the pH differential method. <i>Analytical Methods</i> , 2021 , 13, 3348-3358	3.2	1
139	A highly sensitive electrochemical microRNA-21 biosensor based on intercalating methylene blue signal amplification and a highly dispersed gold nanoparticles/graphene/polypyrrole composite. <i>Analyst, The</i> , 2021 , 146, 2679-2688	5	16
138	Anodic Stripping Voltammetry with a Dynamic Flow-through Sequential Extraction Method for Fractionation Study of Cadmium and Lead in Soil. <i>Soil and Sediment Contamination</i> , 2020 , 29, 650-664	3.2	5
137	Label-free colorimetric aptasensor for rapid detection of aflatoxin B1 by utilizing cationic perylene probe and localized surface plasmon resonance of gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2020 , 320, 128356	8.5	25
136	Development of Colorimetric Sensor Array for Instant Determination of Sodium Metabisulfite in Dried Longan. <i>Food Analytical Methods</i> , 2020 , 13, 1717-1725	3.4	1
135	A Simple Colorimetric Procedure using a Smartphone Camera for Determination of Copper in Copper Supported Silica Catalysts. <i>Journal of Analytical Chemistry</i> , 2020 , 75, 200-207	1.1	2
134	Non-Enzymatic Amperometric Glucose Sensor Based on Carbon Nanodots and Copper Oxide Nanocomposites Electrode. <i>Sensors</i> , 2020 , 20,	3.8	36
133	Influence of the magnetic field on bandgap and chemical composition of zinc thin films prepared by sparking discharge process. <i>Scientific Reports</i> , 2020 , 10, 1388	4.9	3
132	Sequential injection-differential pulse voltammetric immunosensor for hepatitis B surface antigen using the modified screen-printed carbon electrode. <i>Electrochimica Acta</i> , 2020 , 349, 136335	6.7	15
131	Hybrid Electrocatalytic Nanocomposites Based on Carbon Nanotubes/Nickel Oxide/Nafion toward an Individual and Simultaneous Determination of Serotonin and Dopamine in Human Serum. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1393-1400	5.1	4
130	Colorimetric Determination of Sulfide in Turbid Water with a Cost-effective Flow-batch Porous Membrane-based Diffusion Scrubber System. <i>Analytical Sciences</i> , 2020 , 36, 1353-1358	1.7	2

129	A compact multi-parameter detection system based on hydrodynamic sequential injection for sensitive determination of phosphate, nitrite, and nitrate in water samples. <i>Analytical Methods</i> , 2020 , 12, 855-864	3.2	6
128	Activity and stability improvement of platinum loaded on reduced graphene oxide and carbon nanotube composites for methanol oxidation. <i>Journal of Applied Electrochemistry</i> , 2020 , 50, 51-62	2.6	10
127	Optimization of waste quail eggshells as biocomposites for polyaniline in ammonia gas detection. <i>Polymer Engineering and Science</i> , 2020 , 60, 3170-3182	2.3	0
126	Enhancement of organic solar cell performance by incorporating gold quantum dots (AuQDs) on a plasmonic grating. <i>Nanoscale Advances</i> , 2020 , 2, 2950-2957	5.1	9
125	Environmentally friendly liquid medium for a cost-effective long-path absorption liquid core waveguide with a gas diffusion flow analysis system. <i>Microchemical Journal</i> , 2020 , 159, 105555	4.8	1
124	Highly sensitive voltammetric immunosensor for the detection of prostate specific antigen based on silver nanoprobe assisted graphene oxide modified screen printed carbon electrode. <i>Talanta</i> , 2020 , 208, 120389	6.2	34
123	Reliable Sensing Platform for Plasmonic Enzyme-Linked Immunosorbent Assays Based on Automatic Flow-Based Methodology. <i>Analytical Chemistry</i> , 2019 , 91, 13260-13267	7.8	13
122	Investigation of a gold quantum dot/plasmonic gold nanoparticle system for improvement of organic solar cells. <i>Nanoscale Advances</i> , 2019 , 1, 792-798	5.1	16
121	Highly sensitive biosensor based on graphene/poly (3-aminobenzoic acid) modified electrodes and porous-hollowed-silver-gold nanoparticle labelling for prostate cancer detection. <i>Sensors and Actuators B: Chemical</i> , 2019 , 296, 126657	8.5	30
120	Dually functional polyethylenimine-coated gold nanoparticles: a versatile material for electrode modification and highly sensitive simultaneous determination of four tumor markers. <i>Mikrochimica Acta</i> , 2019 , 186, 305	5.8	14
119	A compact hydrodynamic sequential injection system for consecutive on-line determination of phosphate and ammonium. <i>Microchemical Journal</i> , 2019 , 147, 403-410	4.8	11
118	Sensitive amperometric biosensors for detection of glucose and cholesterol using a platinum/reduced graphene oxide/poly(3-aminobenzoic acid) film-modified screen-printed carbon electrode. <i>Bioelectrochemistry</i> , 2019 , 127, 125-135	5.6	52
117	Carbon nanotube-supported Pt-Alloyed metal anode catalysts for methanol and ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 30719-30731	6.7	23
116	Catalytic electrooxidation of formic acid by noble metal nanoparticle catalysts on reduced graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019 , 27, 830-845	1.8	4
115	Models and Their Limitations in the Voltammetric Parameterization of the Six-Electron Surface-Confined Reduction of [PMo12O40]3- at Glassy Carbon and Boron-Doped Diamond Electrodes. <i>ChemElectroChem</i> , 2019 , 6, 5499-5510	4.3	10
114	Effect of Micro/Nanostructured P3HT:PCBM Surfaces on the Performance of Organic Photovoltaic Devices. <i>Molecular Crystals and Liquid Crystals</i> , 2019 , 688, 89-97	0.5	0
113	Novel FeVO4/Bi7O9I3 nanocomposite with enhanced photocatalytic dye degradation and photoelectrochemical properties. <i>Applied Surface Science</i> , 2019 , 475, 175-184	6.7	35
112	Role of cyano substituents on thiophene vinylene benzothiadiazole conjugated polymers and application as hole transporting materials in perovskite solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 371, 238-247	4.7	8

111	Successive electrodeposition of polydopamine and PtPd metal on a graphene oxide support for use as anode fuel cell catalysts. <i>Composite Interfaces</i> , 2018 , 25, 317-333	2.3	4
110	A novel strategy for longevity prolongation of iron-based nanoparticle thin films by applied magnetic force. <i>New Journal of Chemistry</i> , 2018 , 42, 4807-4810	3.6	5
109	Development of graphene oxide/poly(3,4-ethylenedioxythiophene)/poly(styrene sulfonate) thin film-based electrochemical surface plasmon resonance immunosensor for detection of human immunoglobulin G. <i>Japanese Journal of Applied Physics</i> , 2018 , 57, 02CA07	1.4	5
108	Flow Injection Amperometric System Coupled with a Well-Plate for Fast Screening of Total Antioxidant Capacity. <i>Analytical Letters</i> , 2018 , 51, 1854-1873	2.2	4
107	Exploiting an automated microfluidic hydrodynamic sequential injection system for determination of phosphate. <i>Talanta</i> , 2018 , 177, 77-85	6.2	14
106	Structural properties of tungsten-doped cobalt molybdate and its application in electrochemical oxygen evolution reaction. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 13103-13111	2.1	11
105	Evaluation of tyrosinase inhibitory activity in Salak (<i>Salacca zalacca</i>) extracts using the digital image-based colorimetric method. <i>Chemical Papers</i> , 2018 , 72, 2729-2736	1.9	7
104	Poly(3,4-ethylenedioxythiophene/permethylated β -cyclodextrin) polypseudorotaxane and polyrotaxane: Synthesis, characterization and application as hole transporting materials in perovskite solar cells. <i>European Polymer Journal</i> , 2018 , 105, 250-256	5.2	10
103	Rice Grain Freshness Measurement Using Rapid Visco Analyzer and Chemometrics. <i>Food Analytical Methods</i> , 2018 , 11, 613-623	3.4	10
102	A sensitive electrochemical immunosensor based on poly(2-aminobenzylamine) film modified screen-printed carbon electrode for label-free detection of human immunoglobulin G. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018 , 46, 1042-1051	6.1	10
101	Mobile-phone-based colourimetric analysis for determining nitrite content in water. <i>Environmental Chemistry</i> , 2018 , 15, 403	3.2	9
100	Inducing Crystallinity of Metal Thin Films with Weak Magnetic Fields without Thermal Annealing. <i>Crystals</i> , 2018 , 8, 362	2.3	6
99	Catalytic investigation of PtPd and titanium oxide-loaded reduced graphene oxide for enhanced formic acid electrooxidation. <i>Journal of Nanoparticle Research</i> , 2018 , 20, 1	2.3	5
98	Integration of Heuristic and Automated Parametrization of Three Unresolved Two-Electron Surface-Confined Polyoxometalate Reduction Processes by AC Voltammetry. <i>ChemElectroChem</i> , 2018 , 5, 3771-3785	4.3	9
97	Antioxidant and Moisturizing Effect of <i>Camellia assamica</i> Seed Oil and Its Development into Microemulsion. <i>Cosmetics</i> , 2018 , 5, 40	2.7	9
96	Electrocatalytic enhancement of platinum and palladium metal on polydopamine reduced graphene oxide support for alcohol oxidation. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 98-112	9.3	28
95	Multi-reverse flow injection analysis integrated with multi-optical sensor for simultaneous determination of Mn(II), Fe(II), Cu(II) and Fe(III) in natural waters. <i>Talanta</i> , 2017 , 166, 369-374	6.2	18
94	Electrowetting on conductors: anatomy of the phenomenon. <i>Faraday Discussions</i> , 2017 , 199, 49-61	3.6	7

93	An exploiting of cost-effective direct current conductivity detector in gas diffusion flow injection system. <i>Talanta</i> , 2017 , 170, 298-305	6.2	5
92	Sequential injection system with amperometric immunosensor for sensitive determination of human immunoglobulin G. <i>Talanta</i> , 2017 , 171, 53-60	6.2	19
91	Sequential injection differential pulse voltammetric method based on screen printed carbon electrode modified with carbon nanotube/Nafion for sensitive determination of paraquat. <i>Talanta</i> , 2017 , 170, 1-8	6.2	20
90	High-performance Electrochemical Energy Storage Electrodes Based on Nickel Oxide-coated Nickel Foam Prepared by Sparking Method. <i>Electrochimica Acta</i> , 2017 , 238, 298-309	6.7	25
89	Down scaled Kjeldahl digestion and flow injection conductometric system for determination of protein content in some traditional northern Thai foods. <i>Food Chemistry</i> , 2017 , 230, 572-577	8.5	10
88	Application of multiple self-organizing maps for classification of soil samples in Thailand according to their geographic origins. <i>Journal of Chemometrics</i> , 2017 , 31, e2871	1.6	3
87	An Investigation of a Polydopamine-Graphene Oxide Composite as a Support for an Anode Fuel Cell Catalyst. <i>Electrocatalysis</i> , 2017 , 8, 36-45	2.7	8
86	Electrochemical Detection of Human Interleukin-15 using a Graphene Oxide-Modified Screen-Printed Carbon Electrode. <i>Analytical Letters</i> , 2017 , 50, 1112-1125	2.2	7
85	Flow injection amperometric sensor with a carbon nanotube modified screen printed electrode for determination of hydroquinone. <i>Talanta</i> , 2016 , 146, 766-71	6.2	32
84	A Sensitive and Disposable Graphene Oxide Electrochemical Immunosensor for Label-free Detection of Human Immunoglobulin G. <i>Analytical Sciences</i> , 2016 , 32, 323-8	1.7	25
83	Electroanalytical Application of Screen-printed Carbon Electrode Modified with Conductive Graphene Oxide/Poly(acrylic acid) Film for Label-free Detection of Human Immunoglobulin G. <i>Chemistry Letters</i> , 2016 , 45, 1444-1446	1.7	3
82	Sequential injection system with multi-parameter analysis capability for water quality measurement. <i>Talanta</i> , 2015 , 144, 755-62	6.2	16
81	Electrochemical energy-storage performances of nickel oxide films prepared by a sparking method. <i>RSC Advances</i> , 2015 , 5, 67795-67802	3.7	21
80	Cost-effective flow injection amperometric system with metal nanoparticle loaded carbon nanotube modified screen printed carbon electrode for sensitive determination of hydrogen peroxide. <i>Talanta</i> , 2015 , 144, 868-74	6.2	25
79	Simple flow injection colorimetric system for determination of paraquat in natural water. <i>Talanta</i> , 2015 , 144, 432-8	6.2	20
78	Flow injection with in-line reduction column and conductometric detection for determination of total inorganic nitrogen in soil. <i>Talanta</i> , 2015 , 144, 263-7	6.2	9
77	A Disposable and Flexible Graphene Electrode Fabricated by Inkjet Printing of an Aqueous Surfactant-free Graphene Oxide Dispersion. <i>Chemistry Letters</i> , 2015 , 44, 800-802	1.7	8
76	Colorimetric analyzer based on mobile phone camera for determination of available phosphorus in soil. <i>Talanta</i> , 2015 , 136, 204-9	6.2	72

75	An automated sequential injection spectrophotometric method for evaluation of tyramine oxidase inhibitory activity of some flavonoids. <i>Talanta</i> , 2014 , 122, 257-63	6.2	2
74	Greener liquid chromatography using a guard column with micellar mobile phase for separation of some pharmaceuticals and determination of parabens. <i>Talanta</i> , 2013 , 106, 350-9	6.2	20
73	Photocatalytic Mineralization of Organic Acids over Visible-Light-Driven Au/BiVO ₄ Photocatalyst. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-7	2.1	16
72	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
71	Uptake of Nutrients in Vegetables Grown on FGD-Gypsum-Amended Soils. <i>Oriental Journal of Chemistry</i> , 2013 , 29, 1027-1032	0.8	2
70	A simple microfluidic integrated with an optical sensor for micro flow injection colorimetric determination of glutathione. <i>Analytical Sciences</i> , 2012 , 28, 651-6	1.7	7
69	Microfluidic device for the selective chemical stimulation of neurons and characterization of peptide release with mass spectrometry. <i>Analytical Chemistry</i> , 2012 , 84, 9446-52	7.8	31
68	Sequential injection spectrophotometric system for evaluation of mushroom tyrosinase-inhibitory activity. <i>Talanta</i> , 2012 , 101, 233-9	6.2	7
67	Flow injection spectrophotometry using natural reagent from <i>Morinda citrifolia</i> root for determination of aluminium in tea. <i>Food Chemistry</i> , 2012 , 132, 624-9	8.5	33
66	Flow injection colorimetric method using acidic ceric nitrate as reagent for determination of ethanol. <i>Talanta</i> , 2011 , 84, 745-51	6.2	28
65	Simultaneous determination of some food additives in soft drinks and other liquid foods by flow injection on-line dialysis coupled to high performance liquid chromatography. <i>Talanta</i> , 2011 , 84, 1342-9	6.2	34
64	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
63	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
62	Determination of potassium, sodium, and total alkalies in portland cement, fly ash, admixtures, and water of concrete by a simple flow injection flame photometric system. <i>Journal of Automated Methods and Management in Chemistry</i> , 2011 , 2011, 742656		14
61	Doped soap membranes selectively permeate a chiral isomer. <i>Journal of the American Chemical Society</i> , 2010 , 132, 18045-7	16.4	9
60	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
59	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
58	Determination of available phosphorus in soils by using a new extraction procedure and a flow injection amperometric system. <i>Talanta</i> , 2009 , 79, 1076-80	6.2	11

57	Flow injection on-line dialysis coupled to high performance liquid chromatography for the determination of some organic acids in wine. <i>Talanta</i> , 2009 , 79, 1042-9	6.2	32
56	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
55	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
54	Determination of chloride in admixtures and aggregates for cement by a simple flow injection potentiometric system. <i>Talanta</i> , 2008 , 76, 365-8	6.2	24
53	Determination of cadmium, lead, copper and zinc in the acetic acid extract of glazed ceramic surfaces by anodic stripping voltammetric method. <i>Talanta</i> , 2008 , 77, 172-5	6.2	39
52	Hydrodynamic Sequential Injection Spectrophotometric System for Determination of Manganese in Soil. <i>Spectroscopy Letters</i> , 2008 , 41, 221-227	1.1	7
51	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
50	Miscellaneous Detection Systems. <i>Comprehensive Analytical Chemistry</i> , 2008 , 54, 461-509	1.9	1
49	Flow injection conductometric system with gas diffusion separation for the determination of Kjeldahl nitrogen in milk and chicken meat. <i>Analytica Chimica Acta</i> , 2008 , 627, 232-8	6.6	29
48	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
47	Illustrating Some Principles of Separation Science through Gravitational Field-Flow Fractionation. <i>Journal of Chemical Education</i> , 2007 , 84, 1955	2.4	1
46	Enhancing chemical analysis with signal derivatization using simple available software packages. <i>Microchemical Journal</i> , 2007 , 86, 195-203	4.8	5
45	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
44	Hybrid fluorometric flow analyzer for ammonia. <i>Analytical Chemistry</i> , 2006 , 78, 1890-6	7.8	35
43	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
42	Simple sequential injection analysis systems with a dynamic surface tension detector. <i>Analytical Sciences</i> , 2006 , 22, 147-51	1.7	2
41	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
40	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

39	On-line Removal of Sulfide Interference in Phosphate Determination by Flow Injection Analysis. <i>Environmental Chemistry</i> , 2006 , 3, 19	3.2	10
38	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
37	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
36	Sequential injection with lab-at-valve (LAV) approach for potentiometric determination of chloride. <i>Talanta</i> , 2005 , 65, 789-93	6.2	22
35	Sequential injection-ELISA based system for online determination of hyaluronan. <i>Talanta</i> , 2005 , 66, 521-7.2		9
34	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
33	Evaluation of on-line preconcentration and flow-injection amperometry for phosphate determination in fresh and marine waters. <i>Talanta</i> , 2005 , 66, 461-6	6.2	45
32	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
31	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
30	A novel stopped flow injection-amperometric procedure for the determination of chlorate. <i>Talanta</i> , 2005 , 68, 459-64	6.2	10
29	Simple bead injection-flow injection system for the determination of copper. <i>Analytical Sciences</i> , 2005 , 21, 437-9	1.7	3
28	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
27	Cost-effective flow injection spectrophotometric assay of iron content in pharmaceutical preparations using salicylate reagent. <i>Talanta</i> , 2004 , 64, 1237-40	6.2	11
26	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
25	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
24	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
23	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
22	Characterization and use of a Raman liquid-core waveguide sensor using preconcentration principles. <i>Talanta</i> , 2003 , 59, 809-16	6.2	18

21	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
20	A simple flow injection-reduced volume column system for hemoglobin typing. <i>Talanta</i> , 2003 , 60, 1163-70	6.2	5
19	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
18	A simple flow injection system with bead injection for trace iron determination. <i>Talanta</i> , 2002 , 57, 187-92	6.2	25
17	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
16	Gravitational field-flow fractionation in combination with flow injection analysis or electrothermal AAS for size based iron speciation of particles. <i>Talanta</i> , 2002 , 58, 1375-83	6.2	23
15	Stopped-flow injection simultaneous determination of phosphate and silicate using molybdenum blue. <i>Talanta</i> , 2002 , 58, 1319-26	6.2	36
14	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
13	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
12	Determination of trace iron in beer using flow injection systems with in-valve column and bead injection. <i>Talanta</i> , 2002 , 58, 1327-34	6.2	25
11	Flow injection amperometry for the determination of iodate in iodized table salt. <i>Analytica Chimica Acta</i> , 2001 , 438, 299-304	6.6	44
10	Determination of ethanol in liquor by near-infrared spectrophotometry with flow injection. <i>Talanta</i> , 2001 , 53, 1199-204	6.2	40
9	Cost-effective flow injection analysis systems for acetic acid. <i>Laboratory Robotics and Automation</i> , 2000 , 12, 129-132		4
8	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
7	Flow injection dialysis for the determination of anions using ion chromatography. <i>Talanta</i> , 1999 , 49, 215-23	6.2	16
6	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
5	Flow injection conductimetric or spectrophotometric analysis for acidity in fruit juice. <i>Analytica Chimica Acta</i> , 1998 , 363, 199-202	6.6	18
4	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

3	Spectrophotometric determination of uranium by flow injection analysis using U/TEVA.SpecTM chromatographic resin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998 , 229, 179-181	1.5	10
2	Flow-injection spectrophotometric determination of calcium using murexide as a color agent. <i>Talanta</i> , 1998 , 46, 1245-57	6.2	10
1	A Simple Colorimetric Procedure for the Determination of Iodine Value of Vegetable Oils Using a Smartphone Camera. <i>Journal of Analysis and Testing</i> ,1	3.2	3