

# Jaroon Jakmunee

## List of Publications by Citations

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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	Colorimetric analyzer based on mobile phone camera for determination of available phosphorus in soil. <i>Talanta</i> , <b>2015</b> , 136, 204-9	6.2	72
163	Recent developments in automatic solid-phase extraction with renewable surfaces exploiting flow-based approaches. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 749-761	14.6	60
162	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> , <b>2019</b> , 127, 125-135	5.6	52
161	Sequential injection monosegmented flow voltammetric determination of cadmium and lead using a bismuth film working electrode. <i>Talanta</i> , <b>2009</b> , 79, 1118-24	6.2	51
160	Exploiting flow injection and sequential injection anodic stripping voltammetric systems for simultaneous determination of some metals. <i>Talanta</i> , <b>2002</b> , 58, 1235-42	6.2	50
159	Evaluation of on-line preconcentration and flow-injection amperometry for phosphate determination in fresh and marine waters. <i>Talanta</i> , <b>2005</b> , 66, 461-6	6.2	45
158	Flow injection in-valve-mini-column pretreatment combined with ion chromatography for cadmium, lead and zinc determination. <i>Talanta</i> , <b>2004</b> , 64, 1241-6	6.2	45
157	Flow injection amperometry for the determination of iodate in iodized table salt. <i>Analytica Chimica Acta</i> , <b>2001</b> , 438, 299-304	6.6	44
156	Flow injection spectrophotometric or conductometric determination of ascorbic acid in a vitamin C tablet using permanganate or ammonia. <i>Talanta</i> , <b>1999</b> , 49, 1023-6	6.2	42
155	Sequential injection redox or acid-base titration for determination of ascorbic acid or acetic acid. <i>Talanta</i> , <b>2002</b> , 58, 1139-44	6.2	41
154	Determination of ethanol in liquor by near-infrared spectrophotometry with flow injection. <i>Talanta</i> , <b>2001</b> , 53, 1199-204	6.2	40
153	Determination of cadmium, lead, copper and zinc in the acetic acid extract of glazed ceramic surfaces by anodic stripping voltammetric method. <i>Talanta</i> , <b>2008</b> , 77, 172-5	6.2	39
152	Non-Enzymatic Amperometric Glucose Sensor Based on Carbon Nanodots and Copper Oxide Nanocomposites Electrode. <i>Sensors</i> , <b>2020</b> , 20,	3.8	36
151	Stopped-flow injection simultaneous determination of phosphate and silicate using molybdenum blue. <i>Talanta</i> , <b>2002</b> , 58, 1319-26	6.2	36
150	Exploiting guava leaf extract as an alternative natural reagent for flow injection determination of iron. <i>Talanta</i> , <b>2005</b> , 68, 262-7	6.2	35
149	Hybrid fluorometric flow analyzer for ammonia. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 1890-6	7.8	35
148	Novel FeVO <sub>4</sub> /Bi <sub>7</sub> O <sub>9</sub> I <sub>3</sub> nanocomposite with enhanced photocatalytic dye degradation and photoelectrochemical properties. <i>Applied Surface Science</i> , <b>2019</b> , 475, 175-184	6.7	35

147	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> , <b>2011</b> , 84, 1342-9	6.2	34
146	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> , <b>2020</b> , 208, 120389	6.2	34
145	Flow injection spectrophotometry using natural reagent from <i>Morinda citrifolia</i> root for determination of aluminium in tea. <i>Food Chemistry</i> , <b>2012</b> , 132, 624-9	8.5	33
144	Flow injection amperometric sensor with a carbon nanotube modified screen printed electrode for determination of hydroquinone. <i>Talanta</i> , <b>2016</b> , 146, 766-71	6.2	32
143	Flow injection on-line dialysis coupled to high performance liquid chromatography for the determination of some organic acids in wine. <i>Talanta</i> , <b>2009</b> , 79, 1042-9	6.2	32
142	Microfluidic device for the selective chemical stimulation of neurons and characterization of peptide release with mass spectrometry. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 9446-52	7.8	31
141	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> , <b>2005</b> , 554, 17-24	6.6	31
140	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> , <b>2019</b> , 296, 126657	8.5	30
139	Flow injection conductometric system with gas diffusion separation for the determination of Kjeldahl nitrogen in milk and chicken meat. <i>Analytica Chimica Acta</i> , <b>2008</b> , 627, 232-8	6.6	29
138	Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry. <i>Talanta</i> , <b>2005</b> , 68, 416-21	6.2	29
137	Flow injection colorimetric method using acidic ceric nitrate as reagent for determination of ethanol. <i>Talanta</i> , <b>2011</b> , 84, 745-51	6.2	28
136	Electrocatalytic enhancement of platinum and palladium metal on polydopamine reduced graphene oxide support for alcohol oxidation. <i>Journal of Colloid and Interface Science</i> , <b>2018</b> , 530, 98-112	9.3	28
135	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> , <b>2003</b> , 499, 167-172	6.6	26
134	High-performance Electrochemical Energy Storage Electrodes Based on Nickel Oxide-coated Nickel Foam Prepared by Sparking Method. <i>Electrochimica Acta</i> , <b>2017</b> , 238, 298-309	6.7	25
133	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> , <b>2015</b> , 144, 868-74	6.2	25
132	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> , <b>2020</b> , 320, 128356	8.5	25
131	A Sensitive and Disposable Graphene Oxide Electrochemical Immunosensor for Label-free Detection of Human Immunoglobulin G. <i>Analytical Sciences</i> , <b>2016</b> , 32, 323-8	1.7	25
130	A simple flow injection system with bead injection for trace iron determination. <i>Talanta</i> , <b>2002</b> , 57, 187-9	6.2	25

129	Determination of trace iron in beer using flow injection systems with in-valve column and bead injection. <i>Talanta</i> , <b>2002</b> , 58, 1327-34	6.2	25
128	Determination of chloride in admixtures and aggregates for cement by a simple flow injection potentiometric system. <i>Talanta</i> , <b>2008</b> , 76, 365-8	6.2	24
127	Development of sequential injection-lab-at-valve (SI-LAV) micro-extraction instrumentation for the spectrophotometric determination of an anionic surfactant. <i>Analytical Sciences</i> , <b>2006</b> , 22, 137-40	1.7	24
126	Carbon nanotube-supported Pt-Alloyed metal anode catalysts for methanol and ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 30719-30731	6.7	23
125	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> , <b>2011</b> , 84, 1366-73	6.2	23
124	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> , <b>2005</b> , 130, 299-303	5	23
123	Gravitational field-flow fractionation in combination with flow injection analysis or electrothermal AAS for size based iron speciation of particles. <i>Talanta</i> , <b>2002</b> , 58, 1375-83	6.2	23
122	Sequential injection with lab-at-valve (LAV) approach for potentiometric determination of chloride. <i>Talanta</i> , <b>2005</b> , 65, 789-93	6.2	22
121	Determination of diphenhydramine hydrochloride in some single tertiary alkylamine pharmaceutical preparations by flow injection spectrophotometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 30, 105-12	3.5	22
120	Electrochemical energy-storage performances of nickel oxide films prepared by a sparking method. <i>RSC Advances</i> , <b>2015</b> , 5, 67795-67802	3.7	21
119	Flow injection determination of iron ions with green tea extracts as a natural chromogenic reagent. <i>Analytical Sciences</i> , <b>2010</b> , 26, 619-23	1.7	21
118	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> , <b>2017</b> , 170, 1-8	6.2	20
117	Simple flow injection colorimetric system for determination of paraquat in natural water. <i>Talanta</i> , <b>2015</b> , 144, 432-8	6.2	20
116	Greener liquid chromatography using a guard column with micellar mobile phase for separation of some pharmaceuticals and determination of parabens. <i>Talanta</i> , <b>2013</b> , 106, 350-9	6.2	20
115	Sequential injection titration with spectrophotometric detection for the assay of acidity in fruit juices. <i>Analytical Sciences</i> , <b>2006</b> , 22, 157-60	1.7	20
114	Sequential injection system with amperometric immunosensor for sensitive determination of human immunoglobulin G. <i>Talanta</i> , <b>2017</b> , 171, 53-60	6.2	19
113	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> , <b>2005</b> , 66, 453-60	6.2	19
112	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> , <b>2017</b> , 166, 369-374	6.2	18

111	Flow injection conductimetric or spectrophotometric analysis for acidity in fruit juice. <i>Analytica Chimica Acta</i> , <b>1998</b> , 363, 199-202	6.6	18
110	Characterization and use of a Raman liquid-core waveguide sensor using preconcentration principles. <i>Talanta</i> , <b>2003</b> , 59, 809-16	6.2	18
109	Investigation of a gold quantum dot/plasmonic gold nanoparticle system for improvement of organic solar cells. <i>Nanoscale Advances</i> , <b>2019</b> , 1, 792-798	5.1	16
108	Sequential injection system with multi-parameter analysis capability for water quality measurement. <i>Talanta</i> , <b>2015</b> , 144, 755-62	6.2	16
107	Photocatalytic Mineralization of Organic Acids over Visible-Light-Driven Au/BiVO <sub>4</sub> Photocatalyst. <i>International Journal of Photoenergy</i> , <b>2013</b> , 2013, 1-7	2.1	16
106	Flow injection dialysis for the determination of anions using ion chromatography. <i>Talanta</i> , <b>1999</b> , 49, 215-23	6.2	16
105	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> , <b>2021</b> , 146, 2679-2688	5	16
104	Sequential injection-differential pulse voltammetric immunosensor for hepatitis B surface antigen using the modified screen-printed carbon electrode. <i>Electrochimica Acta</i> , <b>2020</b> , 349, 136335	6.7	15
103	Soap bubbles in analytical chemistry. Conductometric determination of sub-parts per million levels of sulfur dioxide with a soap bubble. <i>Analytical Chemistry</i> , <b>2006</b> , 78, 2786-93	7.8	15
102	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> , <b>2021</b> , 146, 4000-4009	5	15
101	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> , <b>2019</b> , 186, 305	5.8	14
100	Exploiting an automated microfluidic hydrodynamic sequential injection system for determination of phosphate. <i>Talanta</i> , <b>2018</b> , 177, 77-85	6.2	14
99	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> , <b>2011</b> , 2011, 742656		14
98	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> , <b>2021</b> , 11, 13969	4.9	14
97	Reliable Sensing Platform for Plasmonic Enzyme-Linked Immunosorbent Assays Based on Automatic Flow-Based Methodology. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 13260-13267	7.8	13
96	Determination of nitrite and nitrate in water samples by an automated hydrodynamic sequential injection method. <i>Analytical Sciences</i> , <b>2008</b> , 24, 1599-603	1.7	13
95	Flow-injection and sequential-injection determinations of paracetamol in pharmaceutical preparations using nitrosation reaction. <i>Analytical Sciences</i> , <b>2004</b> , 20, 837-40	1.7	12
94	A compact hydrodynamic sequential injection system for consecutive on-line determination of phosphate and ammonium. <i>Microchemical Journal</i> , <b>2019</b> , 147, 403-410	4.8	11

93	Structural properties of tungsten-doped cobalt molybdate and its application in electrochemical oxygen evolution reaction. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2018</b> , 29, 13103-13111	2.1	11
92	Determination of available phosphorus in soils by using a new extraction procedure and a flow injection amperometric system. <i>Talanta</i> , <b>2009</b> , 79, 1076-80	6.2	11
91	Cost-effective flow injection spectrophotometric assay of iron content in pharmaceutical preparations using salicylate reagent. <i>Talanta</i> , <b>2004</b> , 64, 1237-40	6.2	11
90	Copper/reduced graphene oxide film modified electrode for non-enzymatic glucose sensing application. <i>Scientific Reports</i> , <b>2021</b> , 11, 9302	4.9	11
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> , <b>2017</b> , 230, 572-577	8.5	10
88	Poly(3,4-ethylenedioxythiophene/permethylated $\beta$ -cyclodextrin) polypseudorotaxane and polyrotaxane: Synthesis, characterization and application as hole transporting materials in perovskite solar cells. <i>European Polymer Journal</i> , <b>2018</b> , 105, 250-256	5.2	10
87	Models and Their Limitations in the Voltammetric Parameterization of the Six-Electron Surface-Confined Reduction of $[PMo_{12}O_{40}]^{3-}$ at Glassy Carbon and Boron-Doped Diamond Electrodes. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5499-5510	4.3	10
86	Spectrophotometric determination of uranium by flow injection analysis using U/TEVA.Spec <sup>TM</sup> chromatographic resin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , <b>1998</b> , 229, 179-181	1.5	10
85	Flow-injection spectrophotometric determination of calcium using murexide as a color agent. <i>Talanta</i> , <b>1998</b> , 46, 1245-57	6.2	10
84	A novel stopped flow injection-amperometric procedure for the determination of chlorate. <i>Talanta</i> , <b>2005</b> , 68, 459-64	6.2	10
83	On-line Removal of Sulfide Interference in Phosphate Determination by Flow Injection Analysis. <i>Environmental Chemistry</i> , <b>2006</b> , 3, 19	3.2	10
82	Sequential injection analysis with dynamic surface tension detection High throughput analysis of the interfacial properties of surface-active samples. <i>Talanta</i> , <b>2003</b> , 59, 1153-63	6.2	10
81	Rice Grain Freshness Measurement Using Rapid Visco Analyzer and Chemometrics. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 613-623	3.4	10
80	Activity and stability improvement of platinum loaded on reduced graphene oxide and carbon nanotube composites for methanol oxidation. <i>Journal of Applied Electrochemistry</i> , <b>2020</b> , 50, 51-62	2.6	10
79	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> , <b>2021</b> , 146, 2203-2211	5	10
78	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> , <b>2018</b> , 46, 1042-1051	6.1	10
77	Flow injection with in-line reduction column and conductometric detection for determination of total inorganic nitrogen in soil. <i>Talanta</i> , <b>2015</b> , 144, 263-7	6.2	9
76	Doped soap membranes selectively permeate a chiral isomer. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 18045-7	16.4	9

75	Sequential injection-ELISA based system for online determination of hyaluronan. <i>Talanta</i> , <b>2005</b> , 66, 521-526	7.2	9
74	Enhancement of organic solar cell performance by incorporating gold quantum dots (AuQDs) on a plasmonic grating. <i>Nanoscale Advances</i> , <b>2020</b> , 2, 2950-2957	5.1	9
73	Mobile-phone-based colourimetric analysis for determining nitrite content in water. <i>Environmental Chemistry</i> , <b>2018</b> , 15, 403	3.2	9
72	Integration of Heuristic and Automated Parametrization of Three Unresolved Two-Electron Surface-Confined Polyoxometalate Reduction Processes by AC Voltammetry. <i>ChemElectroChem</i> , <b>2018</b> , 5, 3771-3785	4.3	9
71	Antioxidant and Moisturizing Effect of Camellia assamica Seed Oil and Its Development into Microemulsion. <i>Cosmetics</i> , <b>2018</b> , 5, 40	2.7	9
70	An Investigation of a Polydopamine-Graphene Oxide Composite as a Support for an Anode Fuel Cell Catalyst. <i>Electrocatalysis</i> , <b>2017</b> , 8, 36-45	2.7	8
69	A Disposable and Flexible Graphene Electrode Fabricated by Inkjet Printing of an Aqueous Surfactant-free Graphene Oxide Dispersion. <i>Chemistry Letters</i> , <b>2015</b> , 44, 800-802	1.7	8
68	A reverse-flow injection analysis method for the determination of dissolved oxygen in fresh and marine waters. <i>Talanta</i> , <b>2002</b> , 58, 1285-91	6.2	8
67	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> , <b>2019</b> , 371, 238-247	4.7	8
66	The effect of CuO on a PtBased catalyst for oxidation in a low-temperature fuel cell. <i>International Journal of Hydrogen Energy</i> , <b>2021</b> , 46, 5999-6013	6.7	8
65	Electrowetting on conductors: anatomy of the phenomenon. <i>Faraday Discussions</i> , <b>2017</b> , 199, 49-61	3.6	7
64	Evaluation of tyrosinase inhibitory activity in Salak ( <i>Salacca zalacca</i> ) extracts using the digital image-based colorimetric method. <i>Chemical Papers</i> , <b>2018</b> , 72, 2729-2736	1.9	7
63	Electrochemical Detection of Human Interleukin-15 using a Graphene Oxide-Modified Screen-Printed Carbon Electrode. <i>Analytical Letters</i> , <b>2017</b> , 50, 1112-1125	2.2	7
62	A simple microfluidic integrated with an optical sensor for micro flow injection colorimetric determination of glutathione. <i>Analytical Sciences</i> , <b>2012</b> , 28, 651-6	1.7	7
61	Sequential injection spectrophotometric system for evaluation of mushroom tyrosinase-inhibitory activity. <i>Talanta</i> , <b>2012</b> , 101, 233-9	6.2	7
60	Hydrodynamic Sequential Injection Spectrophotometric System for Determination of Manganese in Soil. <i>Spectroscopy Letters</i> , <b>2008</b> , 41, 221-227	1.1	7
59	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> , <b>2021</b> , 9, 6576-6585	7.3	7
58	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> , <b>2013</b> , 29, 655-6	1.7	6



57	Simple spectrophotometric flow injection system with an in-valve minicolumn for enhancement during the determination of chromium(III) using EDTA. <i>Analytical Sciences</i> , <b>2006</b> , 22, 153-5	1.7	6
56	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> , <b>2020</b> , 12, 855-864	3.2	6
55	A facile colorimetric aptasensor for low-cost chlorpyrifos detection utilizing gold nanoparticle aggregation induced by polyethyleneimine. <i>Analyst, The</i> , <b>2021</b> , 146, 4848-4857	5	6
54	Inducing Crystallinity of Metal Thin Films with Weak Magnetic Fields without Thermal Annealing. <i>Crystals</i> , <b>2018</b> , 8, 362	2.3	6
53	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> , <b>2021</b> , 232, 122493	6.2	6
52	An exploiting of cost-effective direct current conductivity detector in gas diffusion flow injection system. <i>Talanta</i> , <b>2017</b> , 170, 298-305	6.2	5
51	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> , <b>2020</b> , 29, 650-664	3.2	5
50	A novel strategy for longevity prolongation of iron-based nanoparticle thin films by applied magnetic force. <i>New Journal of Chemistry</i> , <b>2018</b> , 42, 4807-4810	3.6	5
49	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> , <b>2018</b> , 57, 02CA07	1.4	5
48	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> , <b>2009</b> , 25, 819-24	1.7	5
47	Enhancing chemical analysis with signal derivatization using simple available software packages. <i>Microchemical Journal</i> , <b>2007</b> , 86, 195-203	4.8	5
46	A low-cost light-scattering detector for the flow-injection nephelometric determination of sulfate. <i>Analytical Sciences</i> , <b>2003</b> , 19, 1495-8	1.7	5
45	A simple flow injection-reduced volume column system for hemoglobin typing. <i>Talanta</i> , <b>2003</b> , 60, 1163-70	2.2	5
44	Catalytic investigation of PtPd and titanium oxide-loaded reduced graphene oxide for enhanced formic acid electrooxidation. <i>Journal of Nanoparticle Research</i> , <b>2018</b> , 20, 1	2.3	5
43	Successive electrodeposition of polydopamine and PtPd metal on a graphene oxide support for use as anode fuel cell catalysts. <i>Composite Interfaces</i> , <b>2018</b> , 25, 317-333	2.3	4
42	Flow Injection Amperometric System Coupled with a Well-Plate for Fast Screening of Total Antioxidant Capacity. <i>Analytical Letters</i> , <b>2018</b> , 51, 1854-1873	2.2	4
41	Catalytic electrooxidation of formic acid by noble metal nanoparticle catalysts on reduced graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , <b>2019</b> , 27, 830-845	1.8	4
40	Flow-injection in-valve solid-phase extraction spectrophotometric determination of uranium in geological samples. <i>Laboratory Robotics and Automation</i> , <b>1998</b> , 10, 25-31		4



39	Cost-effective flow injection analysis systems for acetic acid. <i>Laboratory Robotics and Automation</i> , <b>2000</b> , 12, 129-132		4
38	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> , <b>2020</b> , 93, 1393-1400	5.1	4
37	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> , <b>2021</b> , 210, 112260	6	4
36	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> , <b>2021</b> , 12,	3.4	4
35	Application of multiple self-organizing maps for classification of soil samples in Thailand according to their geographic origins. <i>Journal of Chemometrics</i> , <b>2017</b> , 31, e2871	1.6	3
34	Influence of the magnetic field on bandgap and chemical composition of zinc thin films prepared by sparking discharge process. <i>Scientific Reports</i> , <b>2020</b> , 10, 1388	4.9	3
33	Hydrodynamic sequential injection system for a rapid dichlorophenol indophenol precipitation test for hemoglobin E. <i>Mikrochimica Acta</i> , <b>2009</b> , 167, 201-209	5.8	3
32	Simple bead injection-flow injection system for the determination of copper. <i>Analytical Sciences</i> , <b>2005</b> , 21, 437-9	1.7	3
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- 1 Catalyst Composites of Palladium and N-Doped Carbon Quantum Dots-Decorated Silica and Reduced Graphene Oxide for Enhancement of Direct Formic Acid Fuel Cells. *ACS Omega*, **2022**, 7, 17741-17755 3.9 ○