

# Jaroon Jakmune

## List of Publications by Year in descending order

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170  
papers

3,575  
citations

126708

33  
h-index

233125

45  
g-index

173  
all docs

173  
docs citations

173  
times ranked

3459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Colorimetric analyzer based on mobile phone camera for determination of available phosphorus in soil. <i>Talanta</i> , 2015, 136, 204-209.	2.9	96
2	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.	2.4	86
3	Copper/reduced graphene oxide film modified electrode for non-enzymatic glucose sensing application. <i>Scientific Reports</i> , 2021, 11, 9302.	1.6	67
4	Novel FeVO <sub>4</sub> /Bi <sub>2</sub> O <sub>3</sub> nanocomposite with enhanced photocatalytic dye degradation and photoelectrochemical properties. <i>Applied Surface Science</i> , 2019, 475, 175-184.	3.1	66
5	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.	5.8	63
6	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.	2.9	61
7	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</i> , The, 2021, 146, 4000-4009.	1.7	60
8	Non-Enzymatic Amperometric Glucose Sensor Based on Carbon Nanodots and Copper Oxide Nanocomposites Electrode. <i>Sensors</i> , 2020, 20, 808.	2.1	59
9	Exploiting flow injection and sequential injection anodic stripping voltammetric systems for simultaneous determination of some metals. <i>Talanta</i> , 2002, 58, 1235-1242.	2.9	57
10	Sequential injection monosegmented flow voltammetric determination of cadmium and lead using a bismuth film working electrode. <i>Talanta</i> , 2009, 79, 1118-1124.	2.9	57
11	Evaluation of on-line preconcentration and flow-injection amperometry for phosphate determination in fresh and marine waters. <i>Talanta</i> , 2005, 66, 461-466.	2.9	55
12	Flow injection spectrophotometric or conductometric determination of ascorbic acid in a vitamin C tablet using permanganate or ammonia. <i>Talanta</i> , 1999, 49, 1023-1026.	2.9	54
13	Flow injection amperometry for the determination of iodate in iodized table salt. <i>Analytica Chimica Acta</i> , 2001, 438, 299-304.	2.6	54
14	Sequential injection redox or acid-base titration for determination of ascorbic acid or acetic acid. <i>Talanta</i> , 2002, 58, 1139-1144.	2.9	54
15	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.	4.0	54
16	Flow injection in-valve-mini-column pretreatment combined with ion chromatography for cadmium, lead and zinc determination. <i>Talanta</i> , 2004, 64, 1241-1246.	2.9	52
17	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</i> , The, 2021, 146, 2679-2688.	1.7	51
18	Determination of ethanol in liquor by near-infrared spectrophotometry with flow injection. <i>Talanta</i> , 2001, 53, 1199-1204.	2.9	50

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19	Stopped-flow injection simultaneous determination of phosphate and silicate using molybdenum blue. <i>Talanta</i> , 2002, 58, 1319-1326.	2.9	46
20	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.	4.0	46
21	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.	1.6	46
22	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, 172-175.	2.9	44
23	Exploiting guava leaf extract as an alternative natural reagent for flow injection determination of iron. <i>Talanta</i> , 2005, 68, 262-267.	2.9	43
24	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, 1042-1049.	2.9	41
25	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.	2.6	39
26	Hybrid Fluorometric Flow Analyzer for Ammonia. <i>Analytical Chemistry</i> , 2006, 78, 1890-1896.	3.2	39
27	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, 1342-1349.	2.9	38
28	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.	5.0	38
29	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.	2.9	38
30	A gold nanoparticle-dye/poly(3-aminobenzylamine)/two dimensional MoSe <sub>2</sub> /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> , 2022, 210, 112260.	2.5	38
31	Flow injection spectrophotometry using natural reagent from <i>Morinda citrifolia</i> root for determination of aluminium in tea. <i>Food Chemistry</i> , 2012, 132, 624-629.	4.2	37
32	Microfluidic Device for the Selective Chemical Stimulation of Neurons and Characterization of Peptide Release with Mass Spectrometry. <i>Analytical Chemistry</i> , 2012, 84, 9446-9452.	3.2	35
33	Flow injection amperometric sensor with a carbon nanotube modified screen printed electrode for determination of hydroquinone. <i>Talanta</i> , 2016, 146, 766-771.	2.9	35
34	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.	2.9	35
35	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.	2.6	33
36	A simple flow injection system with bead injection for trace iron determination. <i>Talanta</i> , 2002, 57, 187-192.	2.9	32

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37	Exploiting sequential injection analysis with lab-at-valve (LAV) approach for on-line liquid-liquid micro-extraction spectrophotometry. <i>Talanta</i> , 2005, 68, 416-421.	2.9	32
38	Flow injection colorimetric method using acidic ceric nitrate as reagent for determination of ethanol. <i>Talanta</i> , 2011, 84, 745-751.	2.9	32
39	Determination of trace iron in beer using flow injection systems with in-valve column and bead injection. <i>Talanta</i> , 2002, 58, 1327-1334.	2.9	31
40	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, 105-112.	1.4	31
41	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.	2.6	30
42	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</i> , 2005, 130, 299.	1.7	30
43	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, 232-238.	2.6	30
44	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.	2.5	30
45	Flow Injection Determination of Iron Ions with Green Tea Extracts as a Natural Chromogenic Reagent. <i>Analytical Sciences</i> , 2010, 26, 619-623.	0.8	29
46	Electrochemical energy-storage performances of nickel oxide films prepared by a sparking method. <i>RSC Advances</i> , 2015, 5, 67795-67802.	1.7	29
47	A Sensitive and Disposable Graphene Oxide Electrochemical Immunosensor for Label-free Detection of Human Immunoglobulin G. <i>Analytical Sciences</i> , 2016, 32, 323-328.	0.8	29
48	Carbon nanotube-supported Pt-Alloyed metal anode catalysts for methanol and ethanol oxidation. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 30719-30731.	3.8	29
49	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.	2.8	29
50	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, 1375-1383.	2.9	28
51	Determination of chloride in admixtures and aggregates for cement by a simple flow injection potentiometric system. <i>Talanta</i> , 2008, 76, 365-368.	2.9	28
52	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, 868-874.	2.9	28
53	Simple flow injection colorimetric system for determination of paraquat in natural water. <i>Talanta</i> , 2015, 144, 432-438.	2.9	28
54	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.	1.1	28

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55	Sequential injection with lab-at-valve (LAV) approach for potentiometric determination of chloride. <i>Talanta</i> , 2005, 65, 789-793.	2.9	27
56	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, 1366-1373.	2.9	26
57	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, 350-359.	2.9	26
58	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, 453-460.	2.9	25
59	Reliable Sensing Platform for Plasmonic Enzyme-Linked Immunosorbent Assays Based on Automatic Flow-Based Methodology. <i>Analytical Chemistry</i> , 2019, 91, 13260-13267.	3.2	25
60	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, 137-140.	0.8	24
61	Investigation of a gold quantum dot/plasmonic gold nanoparticle system for improvement of organic solar cells. <i>Nanoscale Advances</i> , 2019, 1, 792-798.	2.2	24
62	Flow injection conductimetric or spectrophotometric analysis for acidity in fruit juice. <i>Analytica Chimica Acta</i> , 1998, 363, 199-202.	2.6	23
63	Flow injection dialysis for the determination of anions using ion chromatography. <i>Talanta</i> , 1999, 49, 215-223.	2.9	23
64	Sequential Injection Titration with Spectrophotometric Detection for the Assay of Acidity in Fruit Juices. <i>Analytical Sciences</i> , 2006, 22, 157-160.	0.8	23
65	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.	2.9	22
66	Sequential injection system with amperometric immunosensor for sensitive determination of human immunoglobulin G. <i>Talanta</i> , 2017, 171, 53-60.	2.9	21
67	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.	1.5	21
68	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.	2.9	21
69	Characterization and use of a Raman liquid-core waveguide sensor using preconcentration principles. <i>Talanta</i> , 2003, 59, 809-816.	2.9	20
70	Electrochemical detection of matrix metalloproteinase-7 using an immunoassay on a methylene blue/2D MoS <sub>2</sub> /graphene oxide electrode. <i>Bioelectrochemistry</i> , 2021, 142, 107944.	2.4	20
71	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, 2786-2793.	3.2	19
72	Sequential injection system with multi-parameter analysis capability for water quality measurement. <i>Talanta</i> , 2015, 144, 755-762.	2.9	19

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73	Exploiting an automated microfluidic hydrodynamic sequential injection system for determination of phosphate. <i>Talanta</i> , 2018, 177, 77-85.	2.9	19
74	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.	2.6	19
75	A facile colorimetric aptasensor for low-cost chlorpyrifos detection utilizing gold nanoparticle aggregation induced by polyethyleneimine. <i>Analyst, The</i> , 2021, 146, 4848-4857.	1.7	19
76	Photocatalytic Mineralization of Organic Acids over Visible-Light-Driven Au/BiVO <sub>4</sub> Photocatalyst. <i>International Journal of Photoenergy</i> , 2013, 2013, 1-7.	1.4	18
77	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, .	1.0	18
78	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, 1-9.	0.5	17
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> , 2021, 146, 2203-2211.	1.7	17
80	A compact hydrodynamic sequential injection system for consecutive on-line determination of phosphate and ammonium. <i>Microchemical Journal</i> , 2019, 147, 403-410.	2.3	16
81	Determination of Nitrite and Nitrate and Nitrate in Water Samples by an Automated Hydrodynamic Sequential Injection Method. <i>Analytical Sciences</i> , 2008, 24, 1599-1603.	0.8	15
82	Electrowetting on conductors: anatomy of the phenomenon. <i>Faraday Discussions</i> , 2017, 199, 49-61.	1.6	15
83	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.	1.9	15
84	Antioxidant and Moisturizing Effect of Camellia assamica Seed Oil and Its Development into Microemulsion. <i>Cosmetics</i> , 2018, 5, 40.	1.5	15
85	The effect of CuO on a Pt <sup>~</sup> -Based catalyst for oxidation in a low-temperature fuel cell. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 5999-6013.	3.8	15
86	A Simple Colorimetric Procedure for the Determination of Iodine Value of Vegetable Oils Using a Smartphone Camera. <i>Journal of Analysis and Testing</i> , 2021, 5, 379-386.	2.5	15
87	Flow-Injection and Sequential-Injection Determinations of Paracetamol in Pharmaceutical Preparations Using Nitrosation Reaction. <i>Analytical Sciences</i> , 2004, 20, 837-840.	0.8	14
88	Determination of available phosphorus in soils by using a new extraction procedure and a flow injection amperometric system. <i>Talanta</i> , 2009, 79, 1076-1080.	2.9	14
89	Flow-injection spectrophotometric determination of calcium using murexide as a color agent. <i>Talanta</i> , 1998, 46, 1245-1257.	2.9	13
90	A reverse-flow injection analysis method for the determination of dissolved oxygen in fresh and marine waters. <i>Talanta</i> , 2002, 58, 1285-1291.	2.9	13

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91	Sequential injection analysis with dynamic surface tension detection High throughput analysis of the interfacial properties of surface-active samples. <i>Talanta</i> , 2003, 59, 1153-1163.	2.9	13
92	Cost-effective flow injection spectrophotometric assay of iron content in pharmaceutical preparations using salicylate reagent*1. <i>Talanta</i> , 2004, 64, 1237-1240.	2.9	13
93	Flow injection with in-line reduction column and conductometric detection for determination of total inorganic nitrogen in soil. <i>Talanta</i> , 2015, 144, 263-267.	2.9	13
94	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.	4.2	13
95	Mobile-phone-based colourimetric analysis for determining nitrite content in water. <i>Environmental Chemistry</i> , 2018, 15, 403.	0.7	13
96	Integration of Heuristic and Automated Parametrization of Three Unresolved Twoâ€Electron Surfaceâ€Confined Polyoxometalate Reduction Processes by AC Voltammetry. <i>ChemElectroChem</i> , 2018, 5, 3771-3785.	1.7	13
97	Poly(3,4-ethylenedioxythiophene/permethylated Î²-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.	2.6	13
98	Optimization of waste quail eggshells as biocomposites for polyaniline in ammonia gas detection. <i>Polymer Engineering and Science</i> , 2020, 60, 3170-3182.	1.5	13
99	Doped Soap Membranes Selectively Permeate a Chiral Isomer. <i>Journal of the American Chemical Society</i> , 2010, 132, 18045-18047.	6.6	12
100	Models and Their Limitations in the Voltammetric Parameterization of the Sixâ€Electron Surfaceâ€Confined Reduction of [PMo<sub>12</sub>O<sub>40</sub>]<sup>3â€</sup> at Glassy Carbon and Boronâ€Doped Diamond Electrodes. <i>ChemElectroChem</i> , 2019, 6, 5499-5510.	1.7	12
101	A Bifunctional Nanosilver-Reduced Graphene Oxide Nanocomposite for Label-Free Electrochemical Immunosensing. <i>Frontiers in Chemistry</i> , 2021, 9, 631571.	1.8	12
102	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.	1.9	12
103	Spectrophotometric determination of uranium by flow injection analysis using U/TEVA.SpectTM chromatographic resin. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1998, 229, 179-181.	0.7	11
104	Sequential injection-ELISA based system for online determination of hyaluronan. <i>Talanta</i> , 2005, 66, 521-527.	2.9	11
105	On-line Removal of Sulfide Interference in Phosphate Determination by Flow Injection Analysis. <i>Environmental Chemistry</i> , 2006, 3, 19.	0.7	11
106	An Investigation of a Polydopamine-Graphene Oxide Composite as a Support for an Anode Fuel Cell Catalyst. <i>Electrocatalysis</i> , 2017, 8, 36-45.	1.5	11
107	Enhancement of organic solar cell performance by incorporating gold quantum dots (AuQDs) on a plasmonic grating. <i>Nanoscale Advances</i> , 2020, 2, 2950-2957.	2.2	11
108	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.	1.8	11

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109	Rice Grain Freshness Measurement Using Rapid Visco Analyzer and Chemometrics. <i>Food Analytical Methods</i> , 2018, 11, 613-623.	1.3	11
110	A Low-Cost Light-Scattering Detector for the Flow-Injection Nephelometric Determination of Sulfate. <i>Analytical Sciences</i> , 2003, 19, 1495-1498.	0.8	10
111	A novel stopped flow injection amperometric procedure for the determination of chlorate. <i>Talanta</i> , 2005, 68, 459-464.	2.9	10
112	Sequential injection spectrophotometric system for evaluation of mushroom tyrosinase-inhibitory activity. <i>Talanta</i> , 2012, 101, 233-239.	2.9	10
113	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, 655-659.	0.8	10
114	A novel and portable electrochemical sensor for 5-hydroxymethylfurfural detection using silver microdendrite electrodeposited paper-based electrode. <i>Analyst</i> , The, 2022, 147, 2170-2179.	1.7	10
115	A simple flow injection-reduced volume column system for hemoglobin typing. <i>Talanta</i> , 2003, 60, 1163-1170.	2.9	9
116	Hydrodynamic Sequential Injection Spectrophotometric System for Determination of Manganese in Soil. <i>Spectroscopy Letters</i> , 2008, 41, 221-227.	0.5	9
117	A Simple Microfluidic Integrated with an Optical Sensor for Micro Flow Injection Colorimetric Determination of Glutathione. <i>Analytical Sciences</i> , 2012, 28, 651-656.	0.8	9
118	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.	0.7	9
119	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.	1.3	9
120	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.	1.3	9
121	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.	0.7	8
122	Electrochemical Detection of Human Interleukin-15 using a Graphene Oxide-Modified Screen-Printed Carbon Electrode. <i>Analytical Letters</i> , 2017, 50, 1112-1125.	1.0	8
123	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.	0.8	8
124	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.	1.0	8
125	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.	2.0	8
126	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, 819-824.	0.8	7

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127	An exploiting of cost-effective direct current conductivity detector in gas diffusion flow injection system. <i>Talanta</i> , 2017, 170, 298-305.	2.9	7
128	Successive electrodeposition of polydopamine and PtPd metal on a graphene oxide support for use as anode fuel cell catalyts. <i>Composite Interfaces</i> , 2018, 25, 317-333.	1.3	7
129	Inducing Crystallinity of Metal Thin Films with Weak Magnetic Fields without Thermal Annealing. <i>Crystals</i> , 2018, 8, 362.	1.0	7
130	Catalytic electrooxidation of formic acid by noble metal nanoparticle catalyts on reduced graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 830-845.	1.0	7
131	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.	1.6	7
132	Cost-effective flow injection analysis systems for acetic acid. <i>Laboratory Robotics and Automation</i> , 2000, 12, 129-132.	0.3	6
133	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, 153-155.	0.8	6
134	Enhancing chemical analysis with signal derivatization using simple available software packages. <i>Microchemical Journal</i> , 2007, 86, 195-203.	2.3	6
135	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.	1.4	6
136	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.	0.8	6
137	Flow Injection Amperometric System Coupled with a Well-Plate for Fast Screening of Total Antioxidant Capacity. <i>Analytical Letters</i> , 2018, 51, 1854-1873.	1.0	6
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.	1.1	6
139	Surface Plasmon Resonance Field-Enhanced Fluorescence Properties of Gold Quantum Dots on Polyelectrolyte Multilayers and Their H <sub>2</sub> O <sub>2</sub> Sensor Application. <i>Plasmonics</i> , 2021, 16, 1195-1202.	1.8	6
140	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.	2.0	6
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