

# Atsushi Shoji

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

191  
citations

1163117

8  
h-index

1125743

13  
g-index

23  
all docs

23  
docs citations

23  
times ranked

283  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fluorinated Carbanionic Substituent for Improving Water Solubility and Lipophilicity of Fluorescent Dyes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 5168-5172.	13.8	26
2	High-throughput determination of octanol/water partition coefficients using a shake-flask method and novel two-phase solvent system. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 117, 338-344.	2.8	24
3	Determination of Log Po/w for Catechins and Their Isomers, Oligomers, and Other Organic Compounds by Stationary Phase Controlled High-Speed Countercurrent Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 2819-2837.	1.0	20
4	Analysis of Polyphenols from Hop Bract Region Using CCC. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 1971-1983.	1.0	18
5	Quantification of CRP in human serum using a handheld fluorescence detection system for capillary-based ELISA. <i>Talanta</i> , 2021, 224, 121725.	5.5	15
6	Evaluation of cathepsin B activity for degrading collagen IV using a surface plasmon resonance method and circular dichroism spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 95, 47-53.	2.8	13
7	Counter-current chromatographic estimation of hydrophobicity of Z-(cis) and E-(trans) enalapril and kinetics of cis/trans isomerization. <i>Journal of Chromatography A</i> , 2007, 1157, 101-107.	3.7	11
8	An enzyme-modified capillary as a platform for simultaneous fluorometric detection of d-glucose and l-lactate. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 163, 1-8.	2.8	10
9	Giant unilamellar vesicles containing Rhodamine 6G as a marker for immunoassay of bovine serum albumin and lipocalin-2. <i>Analytical Biochemistry</i> , 2016, 505, 66-72.	2.4	7
10	Real-time assay for exosome membrane fusion with an artificial lipid membrane based on enhancement of gramicidin A channel conductance. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111918.	10.1	7
11	A Fluorinated Carbanionic Substituent for Improving Water Solubility and Lipophilicity of Fluorescent Dyes. <i>Angewandte Chemie</i> , 2021, 133, 5228-5232.	2.0	7
12	Development of an on-chip sample injection system with a 6-port valve incorporated in a microchip. <i>RSC Advances</i> , 2020, 10, 35848-35855.	3.6	6
13	Analysis of Complexation Interactions between Metal Ions and Drugs under Pseudo-physiological pH Conditions by a High-throughput Screening Method Using a Solid-phase Extraction Cartridge. <i>Analytical Sciences</i> , 2020, 36, 709-713.	1.6	6
14	Development of a fluorescence microplate reader using an organic photodiode array with a large light receiving area. <i>Talanta</i> , 2022, 238, 122994.	5.5	5
15	Development of a surface plasmon resonance sensor using an optical fiber prepared by electroless displacement gold plating and its application to immunoassay. <i>Talanta</i> , 2022, 240, 123162.	5.5	5
16	A Planar Bilayer Lipid Membrane Sensor Using a Miniaturized Auto-patch System. <i>Analytical Sciences</i> , 2017, 33, 1421-1425.	1.6	3
17	Inhibitory assay for degradation of collagen IV by cathepsin B with a surface plasmon resonance sensor. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 145, 79-83.	2.8	2
18	Design of a Capillary Enzyme Sensor for Simultaneous Detection of Glucose and Galactose. <i>Bunseki Kagaku</i> , 2018, 67, 187-194.	0.2	2

#	ARTICLE	IF	CITATIONS
19	Development of a Chemiluminescence Analysis System Using a Microfluidic Device Capable of Autonomous Liquid Transfer and an Organic Photodiode Detector. <i>Bunseki Kagaku</i> , 2020, 69, 31-39.	0.2	1
20	Film-Thickness-Controllable System for Preparing Silver Nanofilms through Absorbance Monitoring of the Thickness during a Silver-Mirror Reaction. <i>Analytical Sciences</i> , 2021, 37, 625-631.	1.6	1
21	Development of a Simple ELISA System Using a Jungle Gym Structure as an Antibody-Immobilization Substrate. <i>Bunseki Kagaku</i> , 2021, 70, 721-728.	0.2	1
22	Development of a Rapid Screening Method for Detecting Drugs-metal Ions Interaction Using Ion Selective Electrode. <i>Bunseki Kagaku</i> , 2022, 71, 69-75.	0.2	1
23	Particle Size Measurement of Micro Particles Using a Wedge-shaped Micro Space. <i>Bunseki Kagaku</i> , 2020, 69, 167-172.	0.2	0