Yukihiro Arakawa

List of Publications by Year
in descending order

39	550	933447 10	642732 23
papers	citations	h-index	g-index

40	40	40	473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Noncovalent Modification Strategy with Achiral Phosphoric Acid Diesters for Designing a Chiral BrÃ¸nsted Base Organocatalyst. Bulletin of the Chemical Society of Japan, 2022, 95, 553-555.	3.2	1
2	Kinetic analysis of the transphosphorylation with creatine kinase by pressure-assisted capillary electrophoresis/dynamic frontal analysis. Analytical and Bioanalytical Chemistry, 2021, 413, 1453-1460.	3.7	8
3	Determination of Two-Steps Acid Dissociation Constants of L-Ascorbic Acid by Capillary Zone Electrophoresis. Chromatography, 2021, 42, 49-54.	1.7	3
4	Alloxazinium-Resins as Readily Available and Reusable Oxidation Catalysts. Bulletin of the Chemical Society of Japan, 2021, 94, 1728-1730.	3.2	0
5	Effect of stereochemistry on the catalytic activity of flavopeptides. Tetrahedron Letters, 2021, 73, 153107.	1.4	4
6	An Improved Reflection Colorimeter Integrated with a Coaxial Optical-fiber Cable for Highly Sensitive Solid-phase Colorimetry Using a Membrane Filter. Analytical Sciences, 2021, 37, 1045-1048.	1.6	1
7	Synthesis of Optically Active Polyguanidines by Polyaddition Reaction of Biscarbodiimides with Chiral Diamines. ACS Omega, 2021, 6, 33215-33223.	3.5	4
8	Determination of acid dissociation constants of flavin analogues by capillary zone electrophoresis. Electrophoresis, 2020, 41, 1316-1325.	2.4	3
9	Inhibition Assay of Theophylline by Capillary Electrophoresis/Dynamic Frontal Analysis on the Hydrolysis of p-Nitrophenyl Phosphate with Alkaline Phosphatase. Chemistry Letters, 2020, 49, 681-684.	1.3	9
10	Kinetic analysis of substrate competition in enzymatic reactions with Î²-D-galactosidase by capillary electrophoresis / dynamic frontal analysis. Journal of Pharmaceutical and Biomedical Analysis, 2020, 188, 113390.	2.8	9
11	Nucleophilic Addition to Nitrones Using a Flow Microreactor. Synlett, 2020, 31, 866-870.	1.8	0
12	An uncommon use of irradiated flavins: BrÃ¸nsted acid catalysis. Chemical Communications, 2020, 56, 5661-5664.	4.1	2
13	Preparation of flavin-containing mesoporous network polymers and their catalysis. Tetrahedron Letters, 2020, 61, 151710.	1.4	5
14	Capillary Electrophoresis/Dynamic Frontal Analysis for the Enzyme Assay of 4-Nitrophenyl Phosphate with Alkaline Phosphatase. Analytical Sciences, 2020, 36, 829-834.	1.6	10
15	Capillary Electrophoretic Characterization of Carbon Nanodots Prepared from Glutamic Acid in an Electric Furnace. Chromatography, 2020, 41, 103-107.	1.7	2
16	Capillary Electrophoretic Characterization of Water-soluble Carbon Nanodots Formed from Glutamic Acid and Boric Acid under Microwave Irradiation. Analytical Sciences, 2020, 36, 941-946.	1.6	1
17	Efficient Use of Photons in Photoredox/Enamine Dual Catalysis with a Peptide-Bridged Flavinâ€“Amine Hybrid. Organic Letters, 2019, 21, 6978-6982.	4.6	13
18	Flavinium and Alkaliâ€Metal Assembly on Sulfated Chitin: Aâ€‰Heterogeneous Supramolecular Catalyst for H₂O₂â€Mediated Oxidation. ChemSusChem, 2019, 12, 1640-1645.	6.8	10

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19	Polyethylene Glycols for the Dispersion Development of Graphene in an Aqueous Surfactant Solution Studied by Affinity Capillary Electrophoresis. Analytical Sciences, 2019, 35, 307-313.	1.6	6
20	Greener Preparation of 5â€Ethylâ€4aâ€hydroxyisoalloxazine and Its Use for Catalytic Aerobic Oxygenations. European Journal of Organic Chemistry, 2019, 2019, 1791-1795.	2.4	6
21	Dispersion of Graphene in an Aqueous Solution with Poly(sodium 4-styrenesulfonate) Monitored by Capillary Electrophoresis. Chromatography, 2019, 40, 121-126.	1.7	3
22	Determination of Acid Dissociation Constants of Degradable Catecholamines by CZE. Bunseki Kagaku, 2019, 68, 871-876.	0.2	2
23	Enzyme-like Regiodivergent Behavior of a Flavopeptide Catalyst in Aerobic Baeyer-Villiger Oxidation. Chimia, 2018, 72, 866-869.	0.6	6
24	Advanced flavin catalysts elaborated with polymers. Polymer Journal, 2018, 50, 941-949.	2.7	16
25	Synthesis of insoluble polystyreneâ€supported flavins and their catalysis in aerobic reduction of olefins. Journal of Polymer Science Part A, 2017, 55, 1706-1713.	2.3	7
26	BrÃ¸nsted Acid Catalysed Aerobic Reduction of Olefins by Diimide Generated In Situ from Hydrazine. SynOpen, 2017, 01, 0011-0014.	1.7	2
27	Design of peptide-containing N5-unmodified neutral flavins that catalyze aerobic oxygenations. Chemical Science, 2017, 8, 5468-5475.	7.4	43
28	Solid-phase Visual Colorimetry for Trace As(III) Using a Nanofiber-composite Membrane Filter. Bunseki Kagaku, 2017, 66, 363-368.	0.2	2
29	Determination of Acid Dissociation Constants of Hydrochlorothiazide and Its Degradant through Measurement of the Effective Electrophoretic Mobilities in CZE. Bunseki Kagaku, 2017, 66, 509-514.	0.2	3
30	Migration Behavior of Carbon Nanotube in Capillary Electrophoresis with Sodium Dodecyl Sulfate and Water-Soluble Nonionic Polymer. Chromatography, 2017, 38, 101-106.	1.7	5
31	Facile Preparation of Flavinium Organocatalysts. ChemSusChem, 2016, 9, 2769-2773.	6.8	9
32	Analysis of Acid Dissociation Equilibrium of Bupropion by Capillary Zone Electrophoresis After the Heat-Degradation. Chromatography, 2016, 37, 105-109.	1.7	4
33	Enamine Catalysis in Flow with an Immobilized Peptidic Catalyst. ChemSusChem, 2013, 6, 242-245.	6.8	82
34	Efficient Recovery and Reuse of an Immobilized Peptidic Organocatalyst. Advanced Synthesis and Catalysis, 2011, 353, 1201-1206.	4.3	84
35	An Immobilization Method of Chiral Quaternary Ammonium Salts onto Polymer Supports. Angewandte Chemie - International Edition, 2008, 47, 8232-8235.	13.8	75
36	An Immobilization Method of Chiral Quaternary Ammonium Salts onto Polymer Supports. Angewandte Chemie - International Edition, 2008, 47, 8983-8983.	13.8	1

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37	Asymmetric Transfer Hydrogenation of Aromatic Ketones in Water using a Polymerâ€Supported Chiral Catalyst Containing a Hydrophilic Pendant Group. Advanced Synthesis and Catalysis, 2008, 350, 2295-2304.	4.3	74
38	An Immobilization Method of Chiral Quaternary Ammonium Salts onto Polymer Supports. Angewandte Chemie, 2008, 120, 9119-9119.	2.0	0
39	Synthesis of polymers containing chiral 1,2-diamine derivatives and their application to asymmetric reactions. Pure and Applied Chemistry, 2007, 79, 1471-1479.	1.9	13