

Akio Yuchi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

135
citations

1307594

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1199594

12
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21
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21
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21
times ranked

160
citing authors

#	ARTICLE	IF	CITATIONS
1	Adsorption of anions to zirconium(IV) and titanium(IV) chemically immobilized on gel-phase. <i>Journal of Chromatography A</i> , 2005, 1082, 208-213.	3.7	26
2	Potentiometry of effective concentration of polyacrylate as scale inhibitor. <i>Analytica Chimica Acta</i> , 2007, 594, 199-203.	5.4	25
3	Effects of Two-Phase Reactions on Composition and Potential Response of Zirconium(IV)-Tetraphenylporphyrin Complexes as Carrier for Citrate-Selective Electrode. <i>Analytical Chemistry</i> , 2004, 76, 5056-5062.	6.5	23
4	Double-side coated electrochemical actuator based on changes in volume of poly(acrylic acid) gel. <i>Sensors and Actuators B: Chemical</i> , 2014, 203, 289-295.	7.8	14
5	Effects of the Exchange Capacity and Cross-Linking Degree on the Hydration States of Anions in Quantitative Loading onto Strongly Basic Anion-Exchange Resins. <i>Analytical Chemistry</i> , 2010, 82, 8611-8617.	6.5	11
6	Diverse Secondary Interactions between Ions Exchanged into the Resin Phase and Their Analytical Applications. <i>Analytical Sciences</i> , 2014, 30, 51-57.	1.6	10
7	Triphosphate Ion-Selective Electrode Based on Zr-Porphyrin Complex. <i>Analytical Chemistry</i> , 2017, 89, 3937-3942.	6.5	9
8	Responses of Metalloporphyrin-Based Ion-Selective Electrodes to pH. <i>Electroanalysis</i> , 2011, 23, 536-542.	2.9	6
9	Potentiometry of Anionic Polyelectrolytes by Quaternary Ammonium Ion-Selective Electrode with Quaternary Ammonium Ion Added as Probe. <i>Electroanalysis</i> , 2009, 21, 2004-2009.	2.9	3
10	Volume of Space within Cation-exchange Resins Determined by Penetration of Inorganic Salt Solutions. <i>Analytical Sciences</i> , 2019, 35, 141-145.	1.6	2
11	Effects of Residual Silanol on Solid Phase Extraction of Organic Compounds to Octadecylsilyl Silica. <i>Analytical Sciences</i> , 2021, 37, 879-885.	1.6	2
12	Performance of germanium(IV) complexes as anionophore. <i>Bunseki Kagaku</i> , 2004, 53, 1035-1038.	0.2	1
13	pH-Independent Recognition of Polyhydroxy Compounds by Niobium(V) Porphyrin Complex with Unique Sugar Selectivity. <i>Analytical Sciences</i> , 2017, 33, 1351-1356.	1.6	1
14	Effects of Functional Group Density in Styrene-Divinylbenzene Copolymer Phase and of Supporting Electrolyte Concentration in Aqueous Phase on Performance of Iminodiacetate-type Chelating Resin in Terms of Contribution of Ion-Exchange Mechanism. <i>Analytical Sciences</i> , 2018, 34, 807-813.	1.6	1
15	Roles of Residual Silanol in Solid Phase Extraction of Copper to Octadecylsilyl Silica in the Presence of Acetylacetone. <i>Analytical Sciences</i> , 2020, 36, 847-851.	1.6	1
16	Selectively Enhanced Retention of Neutral Iron(II) Complex in RP-LC with o-Hydroxy Pyrimidylazo Compounds as Precolumn Derivatizing Reagent. <i>Chromatographia</i> , 2008, 68, 387-391.	1.3	0
17	.ALPHA.-Hydroxycarboxylate Selectivity by Spontaneous Formation of Dimeric Dialkyltin(IV) Complexes in Membrane of Anion-Selective Electrode. <i>Bunseki Kagaku</i> , 2008, 57, 683-686.	0.2	0
18	Direct Potentiometry of Polyacrylate with Solid-Membrane Cadmium Ion-Selective Electrode. <i>Bunseki Kagaku</i> , 2009, 58, 749-752.	0.2	0

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19	Control of Adsorption/Desorption of Anions Based on Redox of Solid Phase Coated with Cobalt Complexes. <i>Bunseki Kagaku</i> , 2012, 61, 257-260.	0.2	0
20	Anion responsive molecular valve consisting of poly(4-vinylpyridine) gel. <i>Sensors and Actuators B: Chemical</i> , 2013, 185, 140-145.	7.8	0
21	Slow, Mid-saturated Exchanges by Large Anions on Resins due to Increase in Independency of Exchange Sites with Cross-Linking. <i>Analytical Sciences</i> , 2019, 35, 1327-1331.	1.6	0