

Rajmund S Dybczyński

List of Publications by Year in descending order

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38
papers

623
citations

567281

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610901

24
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docs citations

39
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of the effectiveness of various procedures for the rejection of outlying results and assigning consensus values in interlaboratory programs involving determination of trace elements or radionuclides. <i>Analytica Chimica Acta</i> , 1980, 117, 53-70.	5.4	66
2	Influence of temperature on tracer-level separations by ion exchange chromatography. <i>Journal of Chromatography A</i> , 1967, 31, 155-170.	3.7	44
3	Effect of resin cross-linking on the anion-exchange separation of rare earth-edta complexes. <i>Journal of Chromatography A</i> , 1970, 50, 487-503.	3.7	37
4	Effect of acid digestion method on cobalt determination in plant materials. <i>Analytica Chimica Acta</i> , 2000, 408, 89-95.	5.4	36
5	Separation of rare earths on anion exchange resins II. Anion exchange behaviour of the rare earth complexes with ethylenediaminetetraacetic acid. <i>Journal of Chromatography A</i> , 1962, 7, 98-111.	3.7	32
6	Two New Reference Materials Based on Tobacco Leaves: Certification for over a Dozen of Toxic and Essential Elements. <i>Scientific World Journal</i> , The, 2012, 2012, 1-16.	2.1	30
7	New Polish certified reference materials for multielement inorganic trace analysis. <i>Fresenius' Journal of Analytical Chemistry</i> , 1993, 345, 99-103.	1.5	26
8	Effect of resin cross-linking on the anion-exchange separation of rare earth complexes with DCTA. <i>Journal of Chromatography A</i> , 1972, 68, 131-141.	3.7	23
9	Some examples of the use of amphoteric ion-exchange resins for inorganic separations. <i>Journal of Chromatography A</i> , 1997, 789, 157-167.	3.7	23
10	RNAA in metrology: A highly accurate (definitive) method. <i>Talanta</i> , 2007, 71, 529-536.	5.5	23
11	Inductively coupled plasma mass spectrometry in comparison with neutron activation and ion chromatography with UV/VIS detection for the determination of lanthanides in plant materials. <i>Talanta</i> , 2012, 97, 303-311.	5.5	23
12	Comparison of performance of INAA, RNAA and ion chromatography for the determination of individual lanthanides. <i>Applied Radiation and Isotopes</i> , 2010, 68, 23-27.	1.5	20
13	Separation of gold from platinum metals on cation exchangers in concentrated hydrobromic acid solutions. <i>Analyst</i> , The, 1969, 94, 527-537.	3.5	19
14	Effect of resin cross-linking on the cation-exchange separation of alkali and alkaline earth metals on sulphonic cation exchangers. <i>Journal of Chromatography A</i> , 1972, 72, 507-522.	3.7	18
15	Highly accurate radiochemical neutron activation analysis of arsenic in biological materials involving selective isolation of arsenic by hybrid and conventional ion exchange. <i>Mikrochimica Acta</i> , 2010, 168, 37-44.	5.0	18
16	A definitive RNAA method for determination of selenium in biological samples: uncertainty evaluation and assessment of degree of accuracy. <i>Accreditation and Quality Assurance</i> , 2008, 13, 443-451.	0.8	16
17	A new criterion for the qualitative identification of substances by means of ion-exchange chromatography. <i>Analytica Chimica Acta</i> , 1963, 29, 369-372.	5.4	15
18	Anion exchange behaviour of the rare earth complexes with trans-1,2-diaminocyclohexane-N,N'-tetraacetic acid. <i>Journal of Chromatography A</i> , 1968, 32, 394-402.	3.7	15

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19	New reversed phase-high performance liquid chromatographic method for selective separation of yttrium from all rare earth elements employing nitrilotriacetate complexes in anion exchange mode. <i>Journal of Chromatography A</i> , 2015, 1386, 74-80.	3.7	15
20	Distribution coefficients of 52 elements on a strongly basic anion-exchange resin in aqueous solutions of orthophosphoric acid. <i>Journal of Chromatography A</i> , 1974, 88, 387-390.	3.7	12
21	The contribution of various analytical techniques to the certification of reference materials. <i>Fresenius' Journal of Analytical Chemistry</i> , 1995, 352, 120-124.	1.5	11
22	A comprehensive study on the contents and leaching of trace elements from fly-ash originating from polish hard coal by NAA and AAS methods. <i>Biological Trace Element Research</i> , 1990, 26-27, 335-345.	3.5	9
23	The use of the amphoteric ion-exchange resin retardion 11A8 for inorganic separations. <i>Journal of Chromatography A</i> , 1974, 102, 263-271.	3.7	8
24	Role of ion-exchange and extraction chromatography in neutron activation analysis. <i>Journal of Chromatography A</i> , 1992, 600, 17-36.	3.7	8
25	Ion Exchange Behavior of Cadmium, Mercury, Silver and Zinc on Retardion 11A8 and Chelex 100 Ion Exchangers in Ammonia Medium and Its Application for Radiochemical Separations. <i>Mikrochimica Acta</i> , 2004, 144, 103-114.	5.0	8
26	Certification of reference materials for inorganic trace analysis: the INCT approach. <i>Accreditation and Quality Assurance</i> , 2010, 15, 245-250.	0.8	8
27	Selective separation of zinc from other elements on the amphoteric resin retardion 11A8 and its use for the determination of zinc in biological materials by neutron activation analysis. <i>Analyst</i> , The, 1987, 112, 449-453.	3.5	7
28	The role of NAA in securing the accuracy of analytical results in the inorganic trace analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2019, 322, 1505-1515.	1.5	7
29	Separation of Rare Earth Elements (REE) by Ion Interaction Chromatography (IIC) Using Diglycolic Acid (ODA) as a Complexing Agent. <i>Chromatographia</i> , 2021, 84, 473-482.	1.3	7
30	50 Years of adventures with neutron activation analysis with the special emphasis on radiochemical separations. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 1067-1090.	1.5	6
31	Two new separation schemes for the group isolation of rare earth elements (REE) from biological and other matrices and their determination by ICP-MS, NAA and chromatographic methods. <i>Nukleonika</i> , 2017, 62, 199-211.	0.8	6
32	Nomadic behavior of Sc and Y with respect to lanthanide series in chromatographic separations. Analytical and technological aspects, a review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 115, 23-38.	11.4	5
33	Selective separation of yttrium from rare earth elements by ion interaction chromatography. Analytical and larger scale applications. <i>Separation Science and Technology</i> , 2020, 55, 1364-1379.	2.5	5
34	Accurate determination of cobalt traces in several biological reference materials. <i>Biological Trace Element Research</i> , 1994, 43-45, 615-625.	3.5	4
35	Preparation of Three New Certified Reference Materials for Food and Environmental Analysis and Certification Using Laboratory Intercomparison as well as Primary Reference Measurement Procedures. <i>Food Analytical Methods</i> , 2022, 15, 377-390.	2.6	3
36	Certified Reference Materials in Inorganic Trace Analysis. , 2016, , 49-73.		2

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37	Ion interaction chromatography of anions in alkaline solutions: effect of temperature and the kind of stationary phase. <i>Separation Science and Technology</i> , 2018, 53, 2112-2125.	2.5	1
38	Observations on Ion Interaction Chromatographic System: Reversed Phase Column H ₃ BO ₃ /TBAOH Mobile Phase and the Effect of Temperature. <i>Chromatographia</i> , 2020, 83, 1553-1560.	1.3	1