

Marcin J Palys

List of Publications by Year in descending order

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26
papers

651
citations

840776

11
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26
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26
all docs

26
docs citations

26
times ranked

517
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized UO ₂ Salenes: Neutral Receptors for Anions. <i>Journal of the American Chemical Society</i> , 1994, 116, 4341-4351.	13.7	192
2	A Difunctional Receptor for the Simultaneous Complexation of Anions and Cations; Recognition of KH ₂ PO ₄ . <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 467-468.	4.4	138
3	Migrational chronoamperometry of uncharged substrates. influence of electron transfer rate. <i>Journal of Electroanalytical Chemistry</i> , 1996, 415, 13-22.	3.8	35
4	Synthetic and crystallographic studies on pyridinophanes. <i>Tetrahedron</i> , 1998, 54, 7505-7516.	1.9	30
5	Flow-injection catalytic determination of molybdenum with blamperometric detection in a microprocessor-controlled system. <i>Analytica Chimica Acta</i> , 1986, 188, 165-175.	5.4	28
6	Digital simulation of chronopotentiometric and steady-state voltammetric curves at microelectrodes in the presence of a low concentration of supporting electrolyte. <i>Journal of Electroanalytical Chemistry</i> , 1995, 383, 105-117.	3.8	28
7	Supramolecular Derivatives of 9,10-Anthraquinone. <i>Electrochemistry at Regular- and Low Ionic Strength and Complexing Properties. Electroanalysis</i> , 2003, 15, 579-585.	2.9	27
8	The separation of overlapping peaks in cyclic voltammetry by means of semi-differential transformation. <i>Talanta</i> , 1991, 38, 723-733.	5.5	24
9	Ein difunktioneller Rezeptor für die simultane Komplexierung von Anionen und Kationen – Erkennung von KH ₂ PO ₄ . <i>Angewandte Chemie</i> , 1994, 106, 480-482.	2.0	22
10	Voltammetric investigation of the complexation equilibria in the presence of a low level of supporting electrolyte part 1: Steady-state current-potential curves for inert complexes. <i>Analytica Chimica Acta</i> , 1997, 337, 5-28.	5.4	21
11	Digital simulation of migrational voltammetry.. <i>Journal of Electroanalytical Chemistry</i> , 2002, 534, 65-73.	3.8	12
12	Automatic polarographic elucidation of electrode mechanisms by means of a knowledge-based system. <i>Analytica Chimica Acta</i> , 1993, 283, 811-829.	5.4	11
13	Complexation properties of anthracene-bridged bis-crown ethers. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1193-1198.	0.9	11
14	Automatic polarographic elucidation of electrode mechanisms by means of a knowledge-based system. <i>Analytica Chimica Acta</i> , 1991, 248, 429-439.	5.4	10
15	Neutral Reagents in Solutions with Low Content of Supporting Electrolyte: How To Determine the Steady-State Conditions. <i>Analytical Chemistry</i> , 2004, 76, 5937-5944.	6.5	10
16	Automatic polarographic elucidation of electrode. <i>Analytica Chimica Acta</i> , 1993, 284, 107-118.	5.4	9
17	Voltammetric investigation of formation of complexes in low ionic strength environments. <i>Electrochimica Acta</i> , 2004, 49, 3765-3774.	5.2	8
18	Voltammetric investigation of the complexation equilibria in the presence of a low level of supporting electrolyte. Experiments with an inert complex. <i>Analytica Chimica Acta</i> , 1998, 377, 29-37.	5.4	7

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19	Significance of comproportionation reaction in multi-step electrochemical reduction of fullerene C ₆₀ . <i>Electrochemistry Communications</i> , 2009, 11, 905-908.	4.7	7
20	Effect of Change in Angle between Microelectrode Surface and Jet Direction in Flow System on Current Response in Solutions of Different Ionic Strength. <i>Analytical Chemistry</i> , 2005, 77, 5174-5181.	6.5	5
21	Investigation of Complexation of Sodium Cation by Anthracene Crown Ethers. <i>Supramolecular Chemistry</i> , 2000, 12, 105-109.	1.2	4
22	Genetic Algorithm-Based Improvement to Equivalent Circuit Analysis of Experimental Data in Electrochemical Impedance Spectroscopy. <i>ChemElectroChem</i> , 2021, 8, 2956-2967.	3.4	4
23	Conditions for purely diffusional transport of charged reactant and charged product in the absence of supporting electrolyte. <i>Electrochemistry Communications</i> , 2002, 4, 163-166.	4.7	3
24	Voltammetric Investigation of Host-Guest Systems in the Absence of a Supporting Electrolyte. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 3-10.	1.6	2
25	Voltammetry of Undiluted Redox Systems. Electrochemical ESR and Electrochemical Impedance Spectroscopy Evidence for Formation of Ionic Liquid at Microelectrode Surface. <i>Electroanalysis</i> , 2008, 20, 9-13.	2.9	2
26	Voltammetric Studies of Parallel Electrode Processes Under Low Ionic Strength Conditions. Influence of Convection. <i>Electroanalysis</i> , 2006, 18, 641-648.	2.9	1