

Ari Ivaska

List of Publications by Year in descending order

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62
papers

2,919
citations

257450

24
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161849

54
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docs citations

63
times ranked

4170
citing authors

#	ARTICLE	IF	CITATIONS
1	Polyterthiophenes Cross-Linked with Terpyridyl Metal Complexes for Molecular Architecture of Optically and Electrochemically Tunable Materials. <i>ChemElectroChem</i> , 2020, 7, 4453-4459.	3.4	4
2	Determination of the stability constant of the calcium binding ligand in black liquor (BL) by potentiometric titration. <i>Holzforschung</i> , 2016, 70, 733-738.	1.9	2
3	Electrodeposition of composites consisting of polypyrrole and microporous zeolites. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 59-70.	2.5	3
4	Ion-selective electrodes in potentiometric titrations; a new method for processing and evaluating titration data. <i>Analytica Chimica Acta</i> , 2015, 888, 36-43.	5.4	7
5	Determination of ion exchange constants for pairs of metal ions to lignocellulosic materials by column chromatography. <i>Holzforschung</i> , 2014, 68, 875-880.	1.9	1
6	Poly(2-methoxynaphthalene): A spectroelectrochemical study on a fused ring conducting polymer. <i>Electrochimica Acta</i> , 2014, 115, 10-15.	5.2	7
7	Synthesis and characterization of polypyrrole/H-Beta zeolite nanocomposites. <i>RSC Advances</i> , 2014, 4, 33120-33126.	3.6	13
8	Sorption of metal ions from aqueous solution to spruce bark. <i>Wood Science and Technology</i> , 2013, 47, 1083-1097.	3.2	13
9	Electrochemical properties of novel porous carbon based material synthesized from polycyclic aromatic hydrocarbons. <i>Electrochimica Acta</i> , 2013, 105, 384-393.	5.2	4
10	Synthesis and optimization of PEDOT:PSS based ink for printing nanoarrays using Dip-Pen Nanolithography. <i>Synthetic Metals</i> , 2013, 181, 64-71.	3.9	9
11	Investigation of Protein Binding With All Solid-State Ion-Selective Electrodes. <i>Electroanalysis</i> , 2013, 25, 1887-1894.	2.9	6
12	Ion Exchange Behavior of Polypyrrole Doped with Large Anions in Electrolytes Containing Mono- and Divalent Metal Ions. <i>Electroanalysis</i> , 2013, 25, 991-1004.	2.9	13
13	Determination of equilibrium constants for sorption of metal ions to pulp by a batch method. <i>Nordic Pulp and Paper Research Journal</i> , 2013, 28, 521-528.	0.7	4
14	Determination of metal ions in single wood fiber by LA-ICP-MS. <i>Holzforschung</i> , 2012, 66, 833-840.	1.9	5
15	Automatic dynamic chemical fractionation method with detection by plasma spectrometry for advanced characterization of solid biofuels. <i>Journal of Analytical Atomic Spectrometry</i> , 2012, 27, 841.	3.0	14
16	Impedance study of thiolated polyaniline. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 2783-2789.	2.5	7
17	Flexible solid state lithium batteries based on graphene inks. <i>Journal of Materials Chemistry</i> , 2011, 21, 9762.	6.7	52
18	Characterization of Water-Dispersible n-Type Poly(benzimidazobenzophenanthroline) Derivatives. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 1567-1574.	2.2	7

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19	Graphene Oxide-templated Polyaniline Microsheets toward Simultaneous Electrochemical Determination of AA/DA/UA. <i>Electroanalysis</i> , 2011, 23, 878-884.	2.9	100
20	Comparison of Multi-walled Carbon Nanotubes and Poly(3-hexylthiophene) as Ion-to-Electron Transducers in All-Solid-State Potassium Ion-Selective Electrodes. <i>Electroanalysis</i> , 2011, 23, 1352-1358.	2.9	63
21	Conductive Polymer Bilayers – A Spectroelectrochemical Look at Their Doping Reactions. <i>Materials Research Society Symposia Proceedings</i> , 2011, 1312, 1.	0.1	0
22	Binding affinities of different metal ions to unbleached hardwood kraft pulp. <i>Holzforschung</i> , 2011, 65, .	1.9	9
23	Characterisation of the aluminium-“electropolymerised poly(3,4-ethylenedioxythiophene) system. <i>Journal of Solid State Electrochemistry</i> , 2010, 14, 1185-1195.	2.5	10
24	Sorption of metal ions to untreated, alkali-treated and peroxide-bleached TMP. <i>Cellulose</i> , 2010, 17, 1033-1044.	4.9	18
25	Electrochemical preparation of oligo(azulene) on nanoporous TiO ₂ and characterization of the composite layer. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 1583-1591.	2.9	13
26	Simultaneous Determination of Ascorbic Acid, Dopamine and Uric Acid with Chitosan-Graphene Modified Electrode. <i>Electroanalysis</i> , 2010, 22, 2001-2008.	2.9	329
27	Electrochemical Behaviour of Poly(benzopyrene) Films Doped with Eriochrome Black T as a Pb ²⁺ -Sensitive Sensors. <i>Electroanalysis</i> , 2010, 22, 2794-2800.	2.9	25
28	Flowerlike submicrometer gold particles: Size- and surface roughness-controlled synthesis and electrochemical characterization. <i>Journal of Materials Research</i> , 2010, 25, 1755-1760.	2.6	10
29	Preparation of Multi-Walled Carbon Nanotube/Amino-Terminated Ionic Liquid Arrays and Their Electrocatalysis towards Oxygen Reduction. <i>Materials</i> , 2010, 3, 672-681.	2.9	13
30	Study on desorption of Mn, Fe, and Mg from TMP and evaluation of the complexing strength of different chelating agents using side reaction coefficients 10 th EWLP, Stockholm, Sweden, August 25-28, 2008. <i>Holzforschung</i> , 2009, 63, 785-790.	1.9	6
31	Ion-Selective Organic Electrochemical Junction Transistors Based on Poly(3,4-ethylenedioxythiophene) Doped with Poly(styrene sulfonate). <i>Electroanalysis</i> , 2009, 21, 472-479.	2.9	33
32	Solid Contact Micropipette Ion Selective Electrode II: Potassium Electrode for SECM and In Vivo Applications. <i>Electroanalysis</i> , 2009, 21, 1970-1976.	2.9	19
33	Determination of Calcium with Ion-Selective Electrode in Black Liquor from a Kraft Pulping Process. <i>Electroanalysis</i> , 2009, 21, 2014-2021.	2.9	6
34	Covalent functionalization of chemically converted graphene sheets via silane and its reinforcement. <i>Journal of Materials Chemistry</i> , 2009, 19, 4632.	6.7	711
35	The synthesis of perylene-coated graphene sheets decorated with Au nanoparticles and its electrocatalysis toward oxygen reduction. <i>Journal of Materials Chemistry</i> , 2009, 19, 4022.	6.7	143
36	Green synthesis of 1-2 nm gold nanoparticles stabilized by amine-terminated ionic liquid and their electrocatalytic activity in oxygen reduction. <i>Green Chemistry</i> , 2008, 10, 907.	9.0	125

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37	The Nature of the Charge Carriers in Polyazulene as Studied by in Situ Electron Spin ResonanceâUVâVisibleâNear-Infrared Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2008, 112, 14149-14157.	2.6	27
38	Electrochemical fabrication of a nonvolatile memory device based on polyaniline and gold particles. <i>Journal of Materials Chemistry</i> , 2008, 18, 1853.	6.7	42
39	Charge Carrier Transport and Optical Properties of Poly[N-methyl(aniline)]. <i>Journal of Physical Chemistry C</i> , 2007, 111, 16571-16576.	3.1	12
40	Polyelectrolyte-functionalized ionic liquid for electrochemistry in supporting electrolyte-free aqueous solutions and application in amperometric flow injection analysis. <i>Green Chemistry</i> , 2007, 9, 746.	9.0	32
41	Solid Contact Micropipette Ion Selective Electrode for Potentiometric SECM. <i>Electroanalysis</i> , 2007, 19, 1116-1122.	2.9	36
42	Surface modified high rectification organic diode based on sulfonated poly(aniline). <i>Journal of Materials Chemistry</i> , 2006, 16, 3014-3020.	6.7	9
43	In situ electrochemical SERS studies on electrodeposition of aniline on 4-ATP/Au surface. <i>Journal of Solid State Electrochemistry</i> , 2006, 10, 886-893.	2.5	29
44	Microcavity Based Solid-Contact Ion-Selective Microelectrodes. <i>Electroanalysis</i> , 2006, 18, 1372-1378.	2.9	57
45	Potentiometric Ag ⁺ Sensors Based on Conducting Polymers: A Comparison between Poly(3,4-ethylenedioxythiophene) and Polypyrrole Doped with Sulfonated Calixarenes. <i>Electroanalysis</i> , 2005, 17, 1609-1615.	2.9	59
46	Potentiometric sensors based on poly(3,4-ethylenedioxythiophene) (PEDOT) doped with sulfonated calix[4]arene and calix[4]resorcarenes. <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 312-319.	2.5	49
47	Potentiometric sensors for Ag ⁺ based on poly(3-octylthiophene) (POT). <i>Journal of Solid State Electrochemistry</i> , 2005, 9, 865-873.	2.5	36
48	Electrochemical synthesis and characterization of poly(3,4-ethylenedioxythiophene) in ionic liquids with bulky organic anions. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 809.	2.5	50
49	All-Solid-State Chloride Sensors with Poly(3-Octylthiophene) Matrix and Trihexadecylmethylammonium Chlorides as an Ion Exchanger Salt. <i>Electroanalysis</i> , 2004, 16, 379-385.	2.9	24
50	Potentiometric Ion Sensors Based on Conducting Polymers. <i>Electroanalysis</i> , 2003, 15, 366-374.	2.9	258
51	Lowering the Detection Limit of Solvent Polymeric Ion-Selective Membrane Electrodes. An Experimental Study with Calcium-Selective Micropipette Electrodes. <i>Analytical Letters</i> , 2003, 36, 2909-2923.	1.8	7
52	Silver Ion-Selective Electrodes Based on Î-Coordinating Ionophores Without Heteroatoms. <i>Electroanalysis</i> , 2002, 14, 1353-1357.	2.9	24
53	All-Solid-State Ag ⁺ -ISE Based on [2.2.2]p,p,p-Cyclophane. <i>Electroanalysis</i> , 2001, 13, 723-726.	2.9	33
54	Determination of Na ⁺ , K ⁺ , Ca ²⁺ , and Cl ⁻ Ions in Wood Pulp Suspension Using Ion-Selective Electrodes. <i>Electroanalysis</i> , 2001, 13, 1119-1124.	2.9	18

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55	Novel flow injection methods for drug-receptor interaction studies, based on probing cell metabolism. <i>Analyst, The</i> , 2000, 125, 1889-1895.	3.5	10
56	All-Solid-State Chloride-Selective Electrode Based on Poly(3-octylthiophene) and Tridodecylmethylammonium Chloride. <i>Electroanalysis</i> , 1999, 11, 821-824.	2.9	40
57	Modeling Potentiometric Sensitivity of Conducting Polymers. <i>Analytical Chemistry</i> , 1997, 69, 4060-4064.	6.5	60
58	A Jet Ring Cell with a Renewable Solid Support for Amperometric Detection of Glucose in a Sequential Injection Analysis System. <i>Analytical Letters</i> , 1996, 29, 2257-2267.	1.8	17
59	Study of polypyrrole film as redox electrode. <i>Electroanalysis</i> , 1993, 5, 261-263.	2.9	41
60	Determination of Trace Amounts of Copper(I) with a Chemically Modified Carbon Paste Electrode. <i>Analytical Sciences</i> , 1992, 8, 337-343.	1.6	16
61	Analytical applications of conducting polymers. <i>Electroanalysis</i> , 1991, 3, 247-254.	2.9	101
62	Potentiometric Titration of Weak Acids. <i>Analytical Letters</i> , 1973, 6, 961-967.	1.8	19