Fritz Scholz

List of Publications by Year
in descending order

199 papers	7,145 citations	57631 44 h-index	66788 78 g-index
225 all docs	225 docs citations	225 times ranked	4931 citing authors

#	Article	IF	Citations
1	Writing and publishing a scientific paper. ChemTexts, 2022, 8, 1.	1.0	1
2	The pro-radical hydrogen peroxide as a stable hydroxyl radical distributor: lessons from pancreatic beta cells. Archives of Toxicology, 2022, 96, 1915-1920.	1.9	13
3	Essay for the Rosarium Philosophicum on Electrochemistry Electrochemical Analysis â€“ What it was, is, and Possibly will be. Israel Journal of Chemistry, 2021, 61, 152-155.	1.0	1
4	The effects of the chemical environment of menaquinones in lipid monolayers on mercury electrodes on the thermodynamics and kinetics of their electrochemistry. European Biophysics Journal, 2021, 50, 731-743.	1.2	0
5	Tuning the Anodic and Cathodic Dissolution of Gold by Varying the Surface Roughness. ChemElectroChem, 2021, 8, 1524-1530.	1.7	3
6	Glazunovâ€™s electrographyâ€"the first electrochemical imaging and the first solid-state electroanalysis. Journal of Solid State Electrochemistry, 2021, 25, 2705-2715.	1.2	7
7	Congratulations to George Inzelt on the occasion of his 75th birthday. Journal of Solid State Electrochemistry, 2021, 25, 2701-2701.	1.2	0
8	ELECTROCHEMISTRY OF IMMOBILIZED MICROPARTICLES AND MICRODROPLETE: ACCESS TO FUNDAMENTAL DATA OF SOLID MATERIALS AND IONS. Ukrainian Chemistry Journal, 2021, 87, 55-60.	0.1	0
9	The acidâ€“base and redox properties of menaquinone MK-4, MK-7, and MK-9 (vitamin K2) in DMPC monolayers on mercury. European Biophysics Journal, 2020, 49, 279-288.	1.2	8
10	The partition of salts (i) between two immiscible solution phases and (ii) between the solid salt phase and its saturated salt solution. ChemTexts, 2020, 6, 1.	1.0	6
11	Electrochemical dating of archaeological gold based on refined peak current determinations and Tafel analysis. Electrochimica Acta, 2020, 337, 135759.	2.6	5
12	What do I miss in todayâ€™s electrochemistry?. Journal of Solid State Electrochemistry, 2020, 24, 2177-2178.	1.2	5
13	Das chemische Gleichgewicht. , 2020, , 3-16.		0
14	SÃure-Base-Gleichgewichte. , 2020, , 17-98.		0
15	Verteilungsgleichgewichte. , 2020, , 181-190.		0
16	LÃ¶slichkeitsgleichgewichte. , 2020, , 121-145.		0
17	Titrationen. , 2020, , 191-265.		0
18	Acidâ€“Base Equilibria. , 2019, , 17-91.		2

#	Article	IF	Citations
19	Solubility Equilibria. , 2019, , 107-134.		0
20	Titrations. , 2019, , 169-242.		0
21	Chemical Equilibria in Analytical Chemistry. , 2019, , .		11
22	Detoxification of gold surfaces by OHâ€¢ treatment. Gold Bulletin, 2019, 52, 99-103.	1.1	0
23	Ivo Alexandre HÃ¼mmelgen, March 26, 1963â€“March 1, 2019. Journal of Solid State Electrochemistry, 2019, 23, 1303-1303.	1.2	0
24	Monica Santamariaâ€"new Topical Editor for Photochemistry and Semiconductor Electrochemistry. Journal of Solid State Electrochemistry, 2019, 23, 1305-1305.	1.2	0
25	Influence of argon ion beam etching and thermal treatment on polycrystalline and single crystal gold electrodes Au(100) and Au(111). Journal of Electroanalytical Chemistry, 2019, 832, 233-240.	1.9	7
26	Tafazzin-dependent cardiolipin composition in C6 glioma cells correlates with changes in mitochondrial and cellular functions, and cellular proliferation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 452-465.	1.2	9
27	Electrochemical Age Determinations of Metallic Specimensâ€"Utilization of the Corrosion Clock. Accounts of Chemical Research, 2019, 52, 400-406.	7.6	25
28	The Thermodynamics of Insertion Electrochemical Electrodesâ€"A Team Play of Electrons and Ions across Two Separate Interfaces. Angewandte Chemie - International Edition, 2019, 58, 3279-3284.	7.2	24
29	Dating of Archaeological Gold by Means of Solid State Electrochemistry. ChemElectroChem, 2018, 5, 2113-2117.	1.7	15
30	pH dependent CO adsorption and roughness-induced selectivity of CO 2 electroreduction on gold surfaces. Electrochimica Acta, 2018, 264, 269-274.	2.6	22
31	MoÃ¯se HaÃ¯ssinsky: The Discoverer of Underpotential Deposition. ChemElectroChem, 2018, 5, 849-854.	1.7	9
32	Electrochemical Formation of Gold Nanoparticles on Polycrystalline Gold Electrodes during Prolonged Potential Cycling. ChemElectroChem, 2018, 5, 943-957.	1.7	18
33	Simple preparation of carbonâ€“bimetal oxide nanospinels for high-performance bifunctional oxygen electrocatalysts. New Journal of Chemistry, 2018, 42, 20156-20162.	1.4	8
34	Die Thermodynamik von insertionselektrochemischen Elektroden â€“ ein Mannschaftsspiel Ã¼ber zwei separate GrenzflÃchen. Angewandte Chemie, 2018, 131, 3314.	1.6	3
35	Acidâ€“base equilibria of amino acids: microscopic and macroscopic acidity constants. ChemTexts, 2018, 4, 1.	1.0	3
36	The electrochemistry of DPPH in three-phase electrode systems for ion transfer and ion association studies. Journal of Electroanalytical Chemistry, 2018, 823, 765-772.	1.9	5

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37	SÃure-Base-Gleichgewichte. , 2018, , 17-93.		0
38	Titrationen. , 2018, , 171-248.		0
39	Das chemische Gleichgewicht. , 2018, , 3-16.		0
40	LÃ¶slichkeitsgleichgewichte. , 2018, , 109-135.		0
41	Wilhelm Ostwaldâ€™s role in the genesis and evolution of the Nernst equation. Journal of Solid State Electrochemistry, 2017, 21, 1847-1859.	1.2	16
42	Electrochemical characterization of natural gold samples using the voltammetry of immobilized particles. Electrochemistry Communications, 2017, 85, 23-26.	2.3	5
43	Decreasing the time response of calibration-free pH sensors based on tungsten bronze nanocrystals. Journal of Electroanalytical Chemistry, 2017, 801, 315-318.	1.9	10
44	Twenty years of the Journal of Solid State Electrochemistry. Journal of Solid State Electrochemistry, 2017, 21, 1827-1831.	1.2	0
45	Assessing the effect of the lipid environment on the redox potentials of the coenzymes Q10 and Q4 using lipid monolayers made of DOPC, DMPC, TMCL, TOCL, and natural cardiolipin (nCL) on mercury. Electrochemistry Communications, 2017, 81, 141-144.	2.3	9
46	Immobilized Droplets. , 2015, , 225-295.		1
47	Hyphenated Techniques. , 2015, , 33-80.		1
48	Immobilized Particles. , 2015, , 81-224.		0
49	ChemTextsâ€"The Textbook Journal of Chemistry. ChemTexts, 2015, 1, 1.	1.0	2
50	The calculation of the solubility of metal hydroxides, oxide-hydroxides, and oxides, and their visualisation in logarithmic diagrams. ChemTexts, 2015, 1, 1.	1.0	35
51	Direct contact tungsten bronze electrodes for calibration-free potentiometric pH measurements. Electrochemistry Communications, 2015, 60, 17-20.	2.3	5
52	The electrode responses of a tungsten bronze electrode differ in potentiometry and voltammetry and give access to the individual contributions of electron and proton transfer. Electrochemistry Communications, 2015, 56, 34-37.	2.3	20
53	First-order differential equations in chemistry. ChemTexts, 2015, 1, 1.	1.0	59
54	Stripping voltammetry microprobe (SPV): Substantial improvements of the protocol. Journal of Electroanalytical Chemistry, 2015, 745, 61-65.	1.9	11

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55	The Development of Voltammetric Electroanalysis in the Former USSR. , 2015, , 97-178.		1
56	Voltammetric techniques of analysis: the essentials. ChemTexts, 2015, 1, 1.	1.0	133
57	Electrochemistry of Immobilized Particles and Droplets. , 2015, , .		69
58	Oxygen electroreduction on polycrystalline gold electrodes and on gold nanoparticle-modified glassy carbon electrodes. Journal of Solid State Electrochemistry, 2014, 18, 3299-3306.	1.2	19
59	A chronopotentiometric sensor for assays of redox-active compounds. Electrochemistry Communications, 2014, 49, 18-20.	2.3	3
60	The role and fate of female electrochemists in the Soviet Union: Olâ€™ga Alâ€™fredovna Songinaâ€”a pioneer of electrochemical solid-state analysis and Yevgeniya Nikolayevna Varasovaâ€”a pioneer of polarography. Journal of Solid State Electrochemistry, 2013, 17, 1493-1504.	1.2	9
61	Acid-Base Diagrams. , 2013, , .		13
62	OH radical degradation of blocking aryl layers on glassy carbon and gold electrodes leads to film thinning on glassy carbon and pinhole films on gold. Electrochemistry Communications, 2013, 29, 33-36.	2.3	3
63	Electrochemistry of Adhesion and Spreading of Lipid Vesicles on Electrodes. Modern Aspects of Electrochemistry, 2013, , 189-247.	0.2	2
64	Salt Bridges and Diaphragms. , 2013, , 49-76.		0
65	Substrate-free Determination of the Radical Scavenging Activity of Phenolic Compounds by Photochemical Generation of Hydroxyl Radicals and HPLC-UV Detection. Separation Science and Technology, 2013, 48, 1123-1131.	1.3	6
66	Allen Joseph Bardâ€”a tribute on the occasion of his 80th birthday. Journal of Solid State Electrochemistry, 2013, 17, 2969-2970.	1.2	0
67	Formation of gold surfaces with a strongly preferred {100}-orientation. Journal of Solid State Electrochemistry, 2013, 17, 3047-3053.	1.2	8
68	Electroanalytical chemistry for the analysis of solids: Characterization and classification (IUPAC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	0.9	148
69	Solvent-Independent Electrode Potentials of Solids Undergoing Insertion Electrochemical Reactions: Part III. Experimental Data for Prussian Blue Undergoing Electron Exchange Coupled to Cation Exchange. Journal of Physical Chemistry C, 2012, 116, 25993-25999.	1.5	10
70	Antonio DomÃ©nech-CarbÃ³ joins as topical editor for â€œSolid State and Solution Electroanalysisâ€. Journal of Solid State Electrochemistry, 2012, 16, 2847-2847.	1.2	0
71	The effects of pretreatment of polycrystalline gold with OHâ€¢ radicals on the electrochemical nucleation and growth of platinum. Journal of Solid State Electrochemistry, 2012, 16, 1663-1673.	1.2	6
72	Guest editorsâ€™ tribute to Nina Fjodorovna Zakharchuk on the occasion of her 75th birthday on July 28th, 2012. Journal of Solid State Electrochemistry, 2012, 16, 2293-2294.	1.2	0

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73	Grain boundary corrosion of the surface of annealed thin layers of gold by OHÂ· radicals. Journal of Solid State Electrochemistry, 2012, 16, 2383-2389.	1.2	11
74	Membrane fluidity of tetramyristoyl cardiolipin (TMCL) liposomes studied by chronoamperometric monitoring of their adhesion and spreading at the surface of a mercury electrode. Journal of Solid State Electrochemistry, 2012, 16, 2391-2397.	1.2	6
75	Effect of NO on the adhesionâ€“spreading of DMPC and DOPC liposomes on electrodes, and the partition of NO between an aqueous phase and DMPC liposomes. Journal of Electroanalytical Chemistry, 2012, 671, 33-37.	1.9	6
76	Stephen Fletcher and JosÃ© Heraclito Zagal join the editorial board. Journal of Solid State Electrochemistry, 2012, 16, 421-422.	1.2	0
77	The growth of single crystal silver wires at the nitrobenzene|water interface. Physical Chemistry Chemical Physics, 2011, 13, 12254.	1.3	14
78	Active sites of heterogeneous nucleation understood as chemical reaction sites. Electrochemistry Communications, 2011, 13, 932-933.	2.3	15
79	From the Leiden jar to the discovery of the glass electrode by Max Cremer. Journal of Solid State Electrochemistry, 2011, 15, 5-14.	1.2	44
80	Nikolskyâ€™s ion exchange theory versus Bauckeâ€™s dissociation mechanism of the glass electrode. Journal of Solid State Electrochemistry, 2011, 15, 67-68.	1.2	17
81	The anfractuous pathways which led to the development of electrochemical stripping techniques. Journal of Solid State Electrochemistry, 2011, 15, 1509-1521.	1.2	11
82	Electrochemistryâ€"past, present, and future. Journal of Solid State Electrochemistry, 2011, 15, 1295-1296.	1.2	1
83	The electrochemistry of particles, droplets, and vesicles â€“ the present situation and future tasks. Journal of Solid State Electrochemistry, 2011, 15, 1699-1702.	1.2	17
84	Irreversible electrostatic deposition of Prussian blue from colloidal solutions. Journal of Solid State Electrochemistry, 2011, 15, 2461-2468.	1.2	14
85	GyÃ¶rgy Inzelt - a tribute on the occasion of his 65th birthday. Journal of Solid State Electrochemistry, 2011, 15, 2277-2278.	1.2	2
86	The treatment of Ag, Pd, Au and Pt electrodes with OHâ€¢ radicals reveals information on the nature of the electrocatalytic centers. Journal of Solid State Electrochemistry, 2011, 15, 2141-2147.	1.2	13
87	Changes in Performance of DNA Biosensor Caused by Hydroxyl Radicals. Electroanalysis, 2011, 23, 55-62.	1.5	6
88	Electrochemical Signals of Mitochondria: A New Probe of Their Membrane Properties. Angewandte Chemie - International Edition, 2011, 50, 6872-6875.	7.2	18
89	Estimation of individual Gibbs energies of cation transfer employing the insertion electrochemistry of solid Prussian blue. Journal of Electroanalytical Chemistry, 2011, 657, 117-122.	1.9	17
90	Molecular mechanisms of phosphatidylcholine monolayer solidification due to hydroxyl radicals. Soft Matter, 2011, 7, 6467.	1.2	14

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91	Mercury Electrodes are Indispensable Tools for Membrane Research. Review of Polarography, 2010, 56, 63-65.	0.0	5
92	A belated tribute to the electrochemist Ernst Salomon. Journal of Solid State Electrochemistry, 2010, 14, 699-703.	1.2	2
93	Galina Tsirlina joins as topical editor for â€œFundamental Electrochemistryâ€• Journal of Solid State Electrochemistry, 2010, 14, 347-347.	1.2	1
94	Nobody can Drink from Closed Bottles, or why it is so Difficult to Completely Reduce Solid TiO₂ to Solid Ti. ChemPhysChem, 2010, 11, 2078-2079.	1.0	4
95	Electrochemical Assay to Quantify the Hydroxyl Radical Scavenging Activity of Medicinal Plant Extracts. Electroanalysis, 2010, 22, 406-412.	1.5	28
96	Rapid Automatic Determination of Calcium and Magnesium in Aqueous Solutions by FIA Using Potentiometric Detection. Electroanalysis, 2010, 22, 2172-2178.	1.5	11
97	Hydroxyl Radicals Attack Metallic Gold. Angewandte Chemie - International Edition, 2010, 49, 1061-1063.	7.2	71
98	Selective Knockout of Gold Active Sites. Angewandte Chemie - International Edition, 2010, 49, 3006-3009.	7.2	64
99	Activity changes of glassy carbon electrodes caused by their exposure to OHâ€¢ radicals. Electrochemistry Communications, 2010, 12, 1531-1534.	2.3	14
100	A solid-state redox buffer as interface of solid-contact ISEs. Electrochemistry Communications, 2010, 12, 955-957.	2.3	14
101	Thermodynamics of Electrochemical Reactions. , 2010, , 11-31.		9
102	Electrochemical Studies of Solid Compounds and Materials. , 2010, , 223-235.		3
103	Reply to Comments on â€œPermanent Wood Sequestration: The Solution to the Global Carbon Dioxide Problemâ€• ChemSusChem, 2009, 2, 614-615.	3.6	0
104	The overall adhesion-spreading process of liposomes on a mercury electrode is controlled by a mixed diffusion and reaction kinetics mechanism. Journal of Solid State Electrochemistry, 2009, 13, 639-649.	1.2	25
105	Study of the temporal distribution of the adhesion-spreading events of liposomes on a mercury electrode. Journal of Solid State Electrochemistry, 2009, 13, 1111-1114.	1.2	11
106	A tribute to Rolf Neeb (1929â€"2006) on the 80th anniversary of his birth. Analytical and Bioanalytical Chemistry, 2009, 395, 1571-1573.	1.9	1
107	Electrocatalytic and corrosion behaviour of tungsten carbide in near-neutral pH electrolytes. Applied Catalysis B: Environmental, 2009, 87, 63-69.	10.8	54
108	Three-phase electrochemistry with a hanging drop of water-insoluble liquid. Electrochimica Acta, 2008, 53, 5608-5614.	2.6	14

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109	Permanent Wood Sequestration: The Solution to the Global Carbon Dioxide Problem. ChemSusChem, 2008, 1, 381-384.	3.6	22
110	The lipid composition determines the kinetics of adhesion and spreading of liposomes on mercury electrodes. Bioelectrochemistry, 2008, 74, 149-156.	2.4	28
111	The adhesion and spreading of thrombocyte vesicles on electrode surfaces. Bioelectrochemistry, 2008, 74, 210-216.	2.4	25
112	The Electrochemistry of Liposomes. Israel Journal of Chemistry, 2008, 48, 169-184.	1.0	25
113	Reply to the Comment on Kinetics of the Adhesion of DMPC Liposomes on a Mercury Electrode. Effect of Lamellarity, Phase Composition, Size and Curvature of Liposomes, and Presence of the Pore Forming Peptide Mastoparan X. Langmuir, 2007, 23, 8650-8650.	1.6	10
114	Indirect Electrochemical Sensing of Radicals and Radical Scavengers in Biological Matrices. Angewandte Chemie - International Edition, 2007, 46, 8079-8081.	7.2	59
115	The punctured droplet electrode â€“ A new three-phase electrode with well defined geometry. Electrochemistry Communications, 2007, 9, 386-392.	2.3	24
116	Studying ion transfers across a room temperature ionic liquidâˆ£aqueous electrolyte interface driven by redox reactions of lutetium bis(tetra-tert-butylphthalocyaninato). Journal of Electroanalytical Chemistry, 2007, 611, 192-200.	1.9	23
117	Evaluation of catalytic properties of tungsten carbide for the anode of microbial fuel cells. Applied Catalysis B: Environmental, 2007, 74, 261-269.	10.8	121
118	Theory of a reversible redox reaction in an ionic liquid that is coupled to an ion transfer across the aqueous electrolyte/ionic liquid interface. Journal of Solid State Electrochemistry, 2007, 12, 41-45.	1.2	5
119	Voltammetry of microparticles of lutetium bisphthalocyanine. Journal of Solid State Electrochemistry, 2007, 12, 165-169.	1.2	9
120	The Journal of Solid State Electrochemistry introduces a new submission and editorial system. Journal of Solid State Electrochemistry, 2007, 12, 3-3.	1.2	0
121	Recent advances in the electrochemistry of ion transfer processes at liquidâ€“liquid interfaces. Annual Reports on the Progress of Chemistry Section C, 2006, 102, 43-70.	4.4	37
122	Kinetics of the Adhesion of DMPC Liposomes on a Mercury Electrode. Effect of Lamellarity, Phase Composition, Size and Curvature of Liposomes, and Presence of the Pore Forming Peptide Mastoparan X. Langmuir, 2006, 22, 10723-10731.	1.6	47
123	Heat treated soil as convenient and versatile source of bacterial communities for microbial electricity generation. Electrochemistry Communications, 2006, 8, 869-873.	2.3	93
124	One redox probe (dmfc) can drive the transfer of anions and cations across the aqueous electrolyteâˆ£ionic liquid interface. Electrochemistry Communications, 2006, 8, 967-972.	2.3	20
125	Atomic force microscopic study of the chemical oxidation of silver crystals immobilized on platinum and on quartz. Electrochemistry Communications, 2006, 8, 1005-1010.	2.3	10
126	Studying the coupled electronâ€“ion transfer reaction at a thin film-modified electrode by means of square-wave voltammetry. Journal of Electroanalytical Chemistry, 2006, 586, 86-97.	1.9	27

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127	Tuning the size of silver deposits by templated electrodeposition using agarose gels. Journal of Solid State Electrochemistry, 2006, 10, 380-382.	1.2	15
128	Welcome Ivo HÃ¼mmelgen as new member of the Editorial Board. Journal of Solid State Electrochemistry, 2006, 10, 265-265.	1.2	0
129	Oxygen ionic and mixed conductors: recent developments. Journal of Solid State Electrochemistry, 2006, 10, 515-516.	1.2	1
130	Nucleation-growth kinetics of the oxidation of silver nanocrystals to silver halide crystals. Journal of Solid State Electrochemistry, 2006, 10, 833-840.	1.2	36
131	Interfacing Electrocatalysis and Biocatalysis with Tungsten Carbide: A High-Performance, Noble-Metal-Free Microbial Fuel Cell. Angewandte Chemie - International Edition, 2006, 45, 6658-6661.	7.2	155
132	Controlling the morphology of silver deposition at liquid | liquid interfaces: From nano-wires to super smooth films. Electrochemistry Communications, 2005, 7, 541-546.	2.3	43
133	Application of pyrolysed iron(II) phthalocyanine and CoTMPP based oxygen reduction catalysts as cathode materials in microbial fuel cells. Electrochemistry Communications, 2005, 7, 1405-1410.	2.3	466
134	In situ AFM observation of the electrochemical reduction of a single silver sulphide crystal and the recrystallization of the resulting silver crystal. Electrochemistry Communications, 2005, 7, 173-176.	2.3	21
135	Determining the Gibbs Energy of Ion Transfer Across Water-Organic Liquid Interfaces with Three-Phase Electrodes. ChemPhysChem, 2005, 6, 16-28.	1.0	111
136	Utilizing the green alga Chlamydomonas reinhardtii for microbial electricity generation: a living solar cell. Applied Microbiology and Biotechnology, 2005, 68, 753-756.	1.7	107
137	Electrochemical and mechanochemical formation of solid solutions of potassium copper(II)/zinc(II) hexacyanocobaltate(III)/hexacyanoferrate(III) KCuxZn1-x[hcc]x[hcf]1-x. Journal of Solid State Electrochemistry, 2005, 9, 380-389.	1.2	15
138	Professor Martin Stratmann has joined the Editorial Board. Journal of Solid State Electrochemistry, 2005, 9, 475-475.	1.2	0
139	Gibbs energies of transfer of chiral anions across the interface water | chiral organic solvent determined with the help of three-phase electrodes. Faraday Discussions, 2005, 129, 169.	1.6	28
140	Chronocoulometric Study of the Electrochemistry of Prussian Blue. Journal of Physical Chemistry B, 2005, 109, 15483-15488.	1.2	35
141	In Situ Electrooxidation of Photobiological Hydrogen in a Photobioelectrochemical Fuel Cell Based on Rhodobacter sphaeroides. Environmental Science & Technology, 2005, 39, 6328-6333.	4.6	106
142	Kinetics of Liposome Adhesion on a Mercury Electrode. Journal of Physical Chemistry B, 2005, 109, 14715-14726.	1.2	82
143	Comparative Study of the Thermodynamics and Kinetics of the Ion Transfer Across the Liquid | Liquid Interface by Means of Three-Phase Electrodes. Journal of Physical Chemistry B, 2005, 109, 13228-13236.	1.2	26
144	Professor Rudolf Holze has joined the Editorial Board. Journal of Solid State Electrochemistry, 2004, 8, 81-81.	1.2	0

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145	Nucleation at three-phase junction lines: in situ atomic force microscopy of the electrochemical reduction of sub-micrometer size silver and mercury(I) halide crystals immobilized on solid electrodes. Journal of Solid State Electrochemistry, 2004, 8, 842.	1.2	42
146	In situ AFM evidence of the involvement of an oversaturated solution in the course of oxidation of silver nanocrystals to silver iodide and bromide crystals. Electrochemistry Communications, 2004, 6, 409-412.	2.3	28
147	Fluorinated polyanilines as superior materials for electrocatalytic anodes in bacterial fuel cells. Electrochemistry Communications, 2004, 6, 571-575.	2.3	171
148	Square-wave thin-film voltammetry: influence of uncompensated resistance and charge transfer kinetics. Journal of Electroanalytical Chemistry, 2004, 566, 351-360.	1.9	38
149	An in situ microscopic spectroelectrochemical study of a three-phase electrode where an ion transfer at the water|nitrobenzene interface is coupled to an electron transfer at the interface ITO|nitrobenzene. Journal of Electroanalytical Chemistry, 2004, 566, 371-377.	1.9	35
150	The determination of the standard Gibbs energies of ion transfer between water and heavy water by using the three-phase electrode approach. Electrochemistry Communications, 2004, 6, 215-218.	2.3	27
151	Exploiting complex carbohydrates for microbial electricity generation ? a bacterial fuel cell operating on starch. Electrochemistry Communications, 2004, 6, 955-958.	2.3	265
152	A Comparison of the Solvation Properties of 2-Nitrophenyloctyl Ether, Nitrobenzene, andn-Octanol as Assessed by Ion Transfer Experiments. Journal of Physical Chemistry B, 2004, 108, 4565-4572.	1.2	73
153	Lipophilicity of Peptide Anions:Â An Experimental Data Set for Lipophilicity Calculations. Journal of Physical Chemistry B, 2003, 107, 5650-5657.	1.2	60
154	Harry B. Mark, Jr.. Journal of Solid State Electrochemistry, 2003, 7, 187-188.	1.2	1
155	GyÃ¶rgy Inzelt â€“ Regional Editor for Europe. Journal of Solid State Electrochemistry, 2003, 7, 253-253.	1.2	0
156	Title is missing!. Angewandte Chemie, 2003, 115, 2986-2989.	1.6	77
157	A Generation of Microbial Fuel Cells with Current Outputs Boosted by More Than One Order of Magnitude. Angewandte Chemie - International Edition, 2003, 42, 2880-2883.	7.2	341
158	Modeling cyclic voltammograms of simultaneous electron and ion transfer reactions at a conic film three-phase electrode. Journal of Electroanalytical Chemistry, 2003, 540, 89-96.	1.9	24
159	Atomic force microscopy of the electrochemical reductive dissolution of sub-micrometer sized crystals of goethite immobilized on gold electrodes. Journal of Electroanalytical Chemistry, 2003, 556, 13-22.	1.9	16
160	The determination of standard Gibbs energies of transfer of cations across the nitrobenzene|water interface using a three-phase electrode. Electrochemistry Communications, 2003, 5, 929-934.	2.3	65
161	Standard partition coefficients of anionic drugs in the n-octanol/water system determined by voltammetry at three-phase electrodes. Physical Chemistry Chemical Physics, 2003, 5, 3748-3751.	1.3	85
162	Standard Gibbs energies of transfer of halogenate and pseudohalogenate ions, halogen substituted acetates, and cycloalkyl carboxylate anions at the water|nitrobenzene interface. Physical Chemistry Chemical Physics, 2003, 5, 1284-1289.	1.3	44

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163	Structure, Insertion Electrochemistry, and Magnetic Properties of a New Type of Substitutional Solid Solutions of Copper, Nickel, and Iron Hexacyanoferrates/Hexacyanocobaltates. Inorganic Chemistry, 2002, 41, 5706-5715.	1.9	120
164	An electrochemical method for determination of the standard Gibbs energy of anion transfer between water and n-octanol. Electrochemistry Communications, 2002, 4, 277-283.	2.3	123
165	Electron transfer â€" ion insertion electrochemistry at an immobilised droplet: probing the three-phase electrode-reaction zone with a Pt disk microelectrode. Electrochemistry Communications, 2002, 4, 324-329.	2.3	69
166	Quantification of the chiral recognition in electrochemically driven ion transfer across the interface water/chiral liquid. Electrochemistry Communications, 2002, 4, 659-662.	2.3	44
167	Determination of the standard Gibbs energies of transfer of cations across the nitrobenzene|water interface utilizing the reduction of iodine in an immobilized nitrobenzene droplet. Electrochemistry Communications, 2002, 4, 814-819.	2.3	40
168	The thermodynamics of the insertion electrochemistry of solid metal hexacyanometallates. Journal of Electroanalytical Chemistry, 2002, 521, 183-189.	1.9	66
169	Reduction of iodine at the organic liquid|aqueous solution|graphite electrode three-phase arrangement. Journal of Electroanalytical Chemistry, 2002, 522, 189-198.	1.9	33
170	Cyclic voltammetry of immobilized microparticles with in situ calorimetry. Journal of Electroanalytical Chemistry, 2002, 528, 27-32.	1.9	32
171	Cyclic voltammetry of immobilized microparticles with in situ calorimetry. Journal of Electroanalytical Chemistry, 2002, 528, 18-26.	1.9	26
172	Square-Wave Voltammetry of Decamethylferrocene at the Three-Phase Junction Organic Liquid/Aqueous Solution/Graphite. Collection of Czechoslovak Chemical Communications, 2001, 66, 434-444.	1.0	36
173	In situ atomic force microscopy of the reduction of lead oxide nanocrystals immobilised on an electrode surface. Electrochemistry Communications, 2001, 3, 429-434.	2.3	71
174	Cyclic voltammetry of decamethylferrocene at the organic liquidâˆ£aqueous solutionâˆ£graphite three-phase junction. Journal of Electroanalytical Chemistry, 2001, 508, 129-137.	1.9	82
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