Zdenek Samec

List of Publications by Year
in descending order

193	7,408	38660	74018
papers	citations	50 h-index	75 g-index

205	205	205	2656
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Capacitance of the interface between two immiscible electrolyte solutions â€“ A controversial issue. Electrochimica Acta, 2022, 403, 139720.	2.6	7
2	Bovine Serum Albumin Adsorption at a Polarized Water/1,2â€Dichloroethane Interface with No Effect on the Ion Transfer Kinetics. ChemElectroChem, 2022, 9, .	1.7	2
3	Voltammetry of Several Natural and Synthetic Opioids at a Polarized Ionic Liquid Membrane. ChemElectroChem, 2021, 8, 2519-2525.	1.7	2
4	Mixed electrolyte effect on the stability of the interface between two immiscible electrolyte solutions. Electrochimica Acta, 2021, 399, 139405.	2.6	4
5	Electrochemical study of the anomalous salt extraction from water to a polar organic solvent. Journal of Solid State Electrochemistry, 2020, 24, 2173-2174.	1.2	4
6	Origin of chronoamperometric responses associated with impacts of single electrolyte droplets at a polarized liquid/liquid interface. Electrochimica Acta, 2020, 354, 136653.	2.6	9
7	An electrochemical viewpoint on the solubility of silver halides in water. Journal of Solid State Electrochemistry, 2020, 24, 3185-3189.	1.2	1
8	Self-perturbation of the salt partition at the water/1,2-dichloroethane interface. Electrochimica Acta, 2020, 361, 137059.	2.6	4
9	Wall-jet ion sensor based on ion transfer processes at a polarized room-temperature ionic liquid membrane. Journal of Electroanalytical Chemistry, 2020, 861, 113948.	1.9	0
10	Study of the emulsion droplet collisions with the polarizable water/1,2-dichloroethane interface by the open circuit potential measurements. Electrochimica Acta, 2019, 299, 875-885.	2.6	17
11	Role of water in the mechanism of the salt extraction to the organic solvent. Electrochimica Acta, 2019, 306, 541-548.	2.6	9
12	Detection of antimuscarinic agents tolterodine and fesoterodine and their metabolite 5-hydroxymethyl tolterodine by ion transfer voltammetry at a polarized room-temperature ionic liquid membrane. Electrochimica Acta, 2019, 304, 54-61.	2.6	6
13	Lipophilicity of acetylcholine and related ions examined by ion transfer voltammetry at a polarized room-temperature ionic liquid membrane. Journal of Electroanalytical Chemistry, 2018, 815, 183-188.	1.9	9
14	Interfacial instability associated with the transfer of non-adsorbing ions across the polarized water/1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2018, 819, 95-100.	1.9	3
15	Open circuit potential transients associated with single emulsion droplet collisions at an interface between two immiscible electrolyte solutions. Electrochemistry Communications, 2018, 86, 113-116.	2.3	19
16	Ion transfer kinetics at the interface between two immiscible electrolyte solutions supported on a thick-wall micro-capillary. A mini review. Current Opinion in Electrochemistry, 2017, 1, 133-139.	2.5	27
17	Visualization of the interfacial turbulence associated with remarkable faradaic current amplification at a polarized water/1,2-dichloroethane interface. Electrochemistry Communications, 2017, 80, 1-4.	2.3	10
18	Voltammetric and capillary electrophoretic study of scavenger kinetics of methylglyoxal by antidiabetic biguanide drugs. Journal of Electroanalytical Chemistry, 2016, 777, 26-32.	1.9	7

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19	Extreme Basicity of Biguanide Drugs in Aqueous Solutions: Ion Transfer Voltammetry and DFT Calculations. Journal of Physical Chemistry A, 2016, 120, 7344-7350.	1.1	20
20	The 48th HeyrovskÃ½ Discussion on Progress in Electrochemistry at Liquid-Liquid Interfaces and Liquid Membranes. Review of Polarography, 2015, 61, 75-76.	0.0	0
21	Some aspects of impedance measurements at the interface between two immiscible electrolyte solutions in the four-electrode cell. Electrochimica Acta, 2015, 179, 3-8.	2.6	13
22	Temperature effect in the ion transfer kinetics at the micro-interface between two immiscible electrolyte solutions. Electrochimica Acta, 2015, 180, 366-372.	2.6	8
23	Correlation between the standard Gibbs energies of an anion transfer from water to highly hydrophobic ionic liquids and to 1,2-dichloroethane. Journal of Electroanalytical Chemistry, 2014, 714-715, 109-115.	1.9	6
24	Inhibitory Effect of Water on the Oxygen Reduction Catalyzed by Cobalt(II) Tetraphenylporphyrin. Journal of Physical Chemistry A, 2014, 118, 2018-2028.	1.1	16
25	Origin of the correlation between the standard Gibbs energies of ion transfer from water to a hydrophobic ionic liquid and to a molecular solvent. Electrochimica Acta, 2013, 87, 591-598.	2.6	8
26	Mechanistic model of the oxygen reduction catalyzed by a metal-free porphyrin in one- and two-phase liquid systems. Electrochimica Acta, 2013, 110, 816-821.	2.6	11
27	Dynamic electrochemistry at the interface between two immiscible electrolytes. Electrochimica Acta, 2012, 84, 21-28.	2.6	74
28	Transfer of heparin polyion across a polarized water/ionic liquid membrane interface. Electrochemistry Communications, 2012, 24, 25-27.	2.3	4
29	Competitive inhibition of a metal-free porphyrin oxygen-reduction catalyst by water. Chemical Communications, 2012, 48, 4094.	2.2	8
30	Thermodynamic driving force effects in the oxygen reduction catalyzed by a metal-free porphyrin. Electrochimica Acta, 2012, 82, 457-462.	2.6	22
31	Fine tuning of the catalytic effect of a metal-free porphyrin on the homogeneous oxygenreduction. Chemical Communications, 2011, 47, 5446-5448.	2.2	31
32	Thermodynamic aspects of the electron transfer across the interface between water and a hydrophobic redox-active ionic liquid. Electrochimica Acta, 2011, 58, 606-613.	2.6	8
33	Ionic partition diagram of tetraphenylporphyrin at the water|1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2011, 656, 147-151.	1.9	7
34	Oxygen and proton reduction by decamethylferrocene in non-aqueous acidic media. Chemical Communications, 2010, 46, 2918.	2.2	59
35	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid|Liquid Interfaces. ChemPhysChem, 2010, 11, 2979-2984.	1.0	23
36	Oxygen reduction by decamethylferrocene at liquid/liquid interfaces catalyzed by dodecylaniline. Journal of Electroanalytical Chemistry, 2010, 639, 102-108.	1.9	40

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37	Electron transfer across the polarized interface between water and a hydrophobic redox-active ionic liquid. Electrochemistry Communications, 2010, 12, 1333-1335.	2.3	9
38	Electrochemical and density functional studies of the catalytic ethylene oxidation on nanostructured Au electrodes. Catalysis Today, 2010, 158, 29-34.	2.2	18
39	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 13733-13741.	6.6	80
40	Molecular Electrocatalysis for Oxygen Reduction by Cobalt Porphyrins Adsorbed at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 2655-2662.	6.6	141
41	Charge-transfer processes at the interface between hydrophobic ionic liquid and water. Pure and Applied Chemistry, 2009, 81, 1473-1488.	0.9	72
42	Proton Pump for O₂ Reduction Catalyzed by 5,10,15,20â€Tetraphenylporphyrinatocobalt(II). Chemistry - A European Journal, 2009, 15, 2335-2340.	1.7	61
43	Amperometric Ionâ€Selective Electrode for Alkali Metal Cations Based on a Roomâ€Temperature Ionic Liquid Membrane. Electroanalysis, 2009, 21, 1977-1983.	1.5	30
44	Electrochemical evidence of catalysis of oxygen reduction at the polarized liquidâ€“liquid interface by tetraphenylporphyrin monoacid and diacid. Electrochemistry Communications, 2009, 11, 1940-1943.	2.3	43
45	Voltammetry of Ion Transfer across a Polarized Room-Temperature Ionic Liquid Membrane Facilitated by Valinomycin: Theoretical Aspects and Application. Analytical Chemistry, 2009, 81, 6382-6389.	3.2	48
46	Proton-Coupled Oxygen Reduction at Liquidâ˜Liquid Interfaces Catalyzed by Cobalt Porphine. Journal of the American Chemical Society, 2009, 131, 13453-13459.	6.6	109
47	A Note on the Standard Electron Transfer Potential at the Interface between Two Immiscible Electrolyte Solutions. Review of Polarography, 2009, 55, 75-81.	0.0	3
48	H₂O₂ Generation by Decamethylferrocene at a Liquid|Liquid Interface. Angewandte Chemie - International Edition, 2008, 47, 4675-4678.	7.2	84
49	Use of the 1,1â€²-dimethylferrocene oxidation process for the calibration of the reference electrode potential in organic solvents immiscible with water. Journal of Electroanalytical Chemistry, 2008, 616, 57-63.	1.9	12
50	Evidence of tetraphenylporphyrin monoacids by ion-transfer voltammetry at polarized liquid|liquid interfaces. Chemical Communications, 2008, , 5037.	2.2	38
51	Electrochemical Behavior of Nanocrystalline Ru[sub 0.8]Me[sub 0.2]O[sub 2â˜x] (Me=Fe,â€,Co,â€,Ni) Oxide Electrodes in Double-Layer Region. Journal of the Electrochemical Society, 2007, 154, A1077.	1.3	7
52	Potentiometric Sensor for Heparin Polyion:Â Transient Behavior and Response Mechanism. Analytical Chemistry, 2007, 79, 2892-2900.	3.2	38
53	Cyclic voltammetry of ion transfer across a room temperature ionic liquid membrane supported by a microporous filter. Electrochemistry Communications, 2007, 9, 2633-2638.	2.3	56
54	Molecular electrocatalysis of the oxygen reduction at a polarised interface between two immiscible electrolyte solutions by Co(II) tetraphenylporphyrin. Electrochemistry Communications, 2007, 9, 2185-2190.	2.3	25

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55	Random nucleation and growth of Pt nanoparticles at the polarised interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 2007, 599, 160-166.	1.9	59
56	Effect of the vapor-deposited Au nanoparticles on the rate of the redox reaction at the highly oriented pyrolytic graphite electrode. Journal of Electroanalytical Chemistry, 2007, 605, 31-40.	1.9	4
57	Counterion binding to protamine polyion at a polarised liquidâ€“liquid interface. Journal of Electroanalytical Chemistry, 2007, 603, 235-242.	1.9	40
58	Electrocatalysis of the oxygen reduction at a polarised interface between two immiscible electrolyte solutions by electrochemically generated Pt particles. Electrochemistry Communications, 2006, 8, 475-481.	2.3	66
59	Amperometry of Heparin Polyion Using a Rotating Disk Electrode Coated with a Plasticized PVC Membrane. Electroanalysis, 2006, 18, 115-120.	1.5	35
60	Amperometric Sensor for Heparin: Sensing Mechanism and Application in Human Blood Plasma Analysis. Electroanalysis, 2006, 18, 1329-1338.	1.5	31
61	Nickel nanoparticle assembly on single-crystal support: formation, composition and stability. Nanotechnology, 2006, 17, 1492-1500.	1.3	10
62	The Modeling of the Interaction of Organic Molecules with Gold and Platinum Clusters. , 2006, , 1544-1546.		0
63	A generalised model for dynamic photocurrent responses at dye-sensitised liquid|liquid interfaces. Journal of Electroanalytical Chemistry, 2005, 577, 323-337.	1.9	19
64	Specific adsorption of tetraalkylammonium cations at the waterâ^£1,2-dichloroethane interface revisited. Journal of Electroanalytical Chemistry, 2005, 585, 269-274.	1.9	15
65	Dynamics of phospholipid monolayers on polarised liquidâ€“liquid interfaces. Faraday Discussions, 2005, 129, 301-313.	1.6	17
66	Electrochemistry at the interface between two immiscible electrolyte solutions (IUPAC Technical) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.9	315
67	Limited agreement between the interfacial tension and differential capacity data for the polarised water|1,2-dichloroethane interface. Journal of Electroanalytical Chemistry, 2004, 565, 243-250.	1.9	25
68	Origin of Difference between One-Electron Redox Potentials of Guanosine and Guanine:Â Electrochemical and Quantum Chemical Study. Journal of Physical Chemistry B, 2004, 108, 15896-15899.	1.2	22
69	Reversible Voltage-Induced Assembly of Au Nanoparticles at Liquid|Liquid Interfaces. Journal of the American Chemical Society, 2004, 126, 915-919.	6.6	127
70	Effect of the Phase Volume Ratio on the Potential of a Liquid-Membrane Ion-Selective Electrode. Analytical Chemistry, 2004, 76, 4150-4155.	3.2	3
71	Ion amperometry at the interface between two immiscible electrolyte solutions in view of realizing the amperometric ion-selective electrode. Talanta, 2004, 63, 21-32.	2.9	96
72	Electrochemical Oxidation of 8-Oxo-2â€²-Deoxyguanosine on Glassy Carbon, Gold, Platinum and Tin(IV) Oxide Electrodes. Electroanalysis, 2003, 15, 1555-1560.	1.5	27

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73	Cyclic voltammetry of biopolymer heparin at PVC plasticized liquid membrane. Electrochemistry Communications, 2003, 5, 867-870.	2.3	58
74	Thermodynamic analysis of the cation binding to a phosphatidylcholine monolayer at a polarised interface between two immiscible electrolyte solutions. Electrochemistry Communications, 2003, 5, 98-103.	2.3	26
75	Adsorption and Aggregation of meso-Tetrakis(4-carboxyphenyl)porphyrinato Zinc(II) at the Polarized Water|1,2-Dichloroethane Interface. Journal of Physical Chemistry B, 2003, 107, 786-790.	1.2	54
76	H[sup +] and Na[sup +] Ion Transport Properties of Sulfonated Poly(2,6-dimethyl-1,4-phenyleneoxide) Membranes. Journal of the Electrochemical Society, 2003, 150, E329.	1.3	21
77	Charge transfer resistance and differential capacity of the plasticized PVC membrane|water interface. Journal of Electroanalytical Chemistry, 2002, 521, 81-86.	1.9	11
78	A junction-free copper reference electrode for electrochemical measurements in o-nitrophenyl octyl ether. Journal of Electroanalytical Chemistry, 2002, 528, 77-81.	1.9	6
79	Cyclic voltammetry of highly hydrophilic ions at a supported liquid membrane. Journal of Electroanalytical Chemistry, 2002, 530, 10-15.	1.9	54
80	Kinetics of Water Sorption in NafionThin Films â^' Quartz Crystal Microbalance Study. Journal of Physical Chemistry B, 2001, 105, 7979-7983.	1.2	83
81	Quasi-elastic laser light scattering from thermally excited capillary waves on the polarised water/1,2-dichloroethane interface. Electrochemistry Communications, 2001, 3, 613-618.	2.3	14
82	Evaluation of the standard ion transfer potentials for PVC plasticized membranes from voltammetric measurements. Journal of Electroanalytical Chemistry, 2001, 496, 143-147.	1.9	42
83	Reduction of peroxodisulfate on gold(111) covered by surface oxides: inhibition and coupling between two oxide reduction processes. Journal of Electroanalytical Chemistry, 2001, 499, 129-135.	1.9	16
84	Quasi-elastic laser light scattering from thermally excited capillary waves on polarised liquidâ^£liquid interfaces. Journal of Electroanalytical Chemistry, 2001, 517, 77-84.	1.9	16
85	Voltammetry of Protonated Anesthetics at a Liquid Membrane: Evaluation of the Drug Propagation. Electroanalysis, 2000, 12, 901-904.	1.5	14
86	Interfacial tension and impedance measurements of interfaces between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 2000, 483, 47-56.	1.9	27
87	Cyclic and convolution potential sweep voltammetry of reversible ion transfer across a liquid membrane. Journal of Electroanalytical Chemistry, 2000, 481, 1-6.	1.9	55
88	Voltammetry of Protonated Anesthetics at a Liquid Membrane: Evaluation of the Drug Propagation. , 2000, 12, 901.		1
89	Ultraslow Kinetics of the Ferric/Ferrous Electron Transfer Reaction on Au(110) Electrode in Perchloric Acid Solutions. Journal of the Electrochemical Society, 1999, 146, 3349-3356.	1.3	22
90	Polarization phenomena at the waterâ^£o-nitrophenyl octyl ether interface. Journal of Electroanalytical Chemistry, 1999, 463, 232-241.	1.9	29

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91	Kinetics of the ferric/ferrous electrode reaction on NafionÂ®-coated electrodes. Journal of Electroanalytical Chemistry, 1999, 469, 11-17.	1.9	13
92	Substituent effects in cyclic voltammetry of titanocene dichlorides. Journal of Organometallic Chemistry, 1999, 579, 348-355.	0.8	58
93	Cyclic voltammetry of methyl- and trimethylsilyl-substituted zirconocene dichlorides. Journal of Organometallic Chemistry, 1999, 584, 323-328.	0.8	29
94	Mechanism of the oscillatory reduction of peroxodisulfate on gold(110) at electrode potentials positive to the point of zero charge. Electrochimica Acta, 1999, 44, 3963-3967.	2.6	16
95	Peculiar correlation between the interfacial capacity and faradaic admittance of the ion transfer across an interface between two immiscible electrolyte solutions. Electrochimica Acta, 1999, 45, 583-590.	2.6	10
96	Adsorption of Gaseous Propylamine on Films of Polypyrrole in Different Oxidation States. Collection of Czechoslovak Chemical Communications, 1999, 64, 1-12.	1.0	0
97	Simple kinetic models of ion transfer across an interface between two immiscible electrolyte solutions.. Electrochimica Acta, 1998, 44, 85-90.	2.6	17
98	Origin of the effect of ion nature on the differential capacity of an interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 1998, 444, 1-5.	1.9	20
99	Negative Impedance of the Nafion Membrane Between Two Electrolyte Solutions. Journal of the Electrochemical Society, 1998, 145, 2740-2746.	1.3	6
100	Transfer of Protonated Anesthetics across the Water|o-Nitrophenyl Octyl Ether Interface: Effect of the Ion Structure on the Transfer Kinetics and Pharmacological Activity.. Analytical Sciences, 1998, 14, 35-41.	0.8	39
101	Diffusion Coefficients of Alkali Metal Cations in NafionÂ® from Ionâ€Exchange Measurements: An Advanced Kinetic Model. Journal of the Electrochemical Society, 1997, 144, 4236-4242.	1.3	54
102	Amperometric solid-state NO2 sensor based on plasticized PVC matrix containing a hydrophobic electrolyte. Sensors and Actuators B: Chemical, 1997, 41, 1-6.	4.0	25
103	Polarization phenomena at the water|o-nitrophenyl octyl ether interface Part II. Role of the solvent viscosity in the kinetics of the tetraethylammonium ion transfer. Journal of Electroanalytical Chemistry, 1997, 426, 37-45.	1.9	34
104	Effect of the specific ion adsorption on the impedance of an interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 1997, 426, 31-35.	1.9	7
105	Origin of electrocatalysis in the reduction of peroxodisulfate on gold electrodes. Journal of Electroanalytical Chemistry, 1997, 432, 205-214.	1.9	33
106	Evaluation of parasitic elements contributing to experimental cell impedance: impedance measurements at interfaces between two immiscible electrolyte solutions. Journal of the Chemical Society, Faraday Transactions, 1996, 92, 3843-3849.	1.7	15
107	Electrocatalytic reduction of halothane. Journal of Electroanalytical Chemistry, 1996, 402, 107-113.	1.9	18
108	Polarization phenomena at the water | o-nitrophenyl octyl ether interface. Part 1. Evaluation of the standard Gibbs energies of ion transfer from the solubility and voltammetric measurements. Journal of Electroanalytical Chemistry, 1996, 409, 1-7.	1.9	74

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109	Electrocatalytic reduction of peroxodisulfate anion on Au(111) in acidic aqueous solutions. Journal of Electroanalytical Chemistry, 1996, 409, 165-173.	1.9	21
110	The double layer at the interface between two immiscible electrolyte solutionsâ€"IV. Solvent effect. Electrochimica Acta, 1995, 40, 2887-2895.	2.6	31
111	Double-layer effects on the Cs+ ion transfer kinetics at the water/nitrobenzene interface. Electrochimica Acta, 1995, 40, 2971-2977.	2.6	12
112	Solid-state hydrogen sensor based on a solid-polymer electrolyte. Electroanalysis, 1995, 7, 1054-1058.	1.5	22
113	Ion and pore fluid transport properties of a NafionÂ® membrane separating two electrolyte solutions Part II. Kinetics of the Ru(2,2-bipyridine)2+3 ion transfer. Journal of Electroanalytical Chemistry, 1995, 388, 25-34.	1.9	6
114	Ion and pore fluid transport properties of a NafionÂ® membrane separating two electrolyte solutions Part I. Kinetics of the proton and alkali metal cation transport. Journal of Electroanalytical Chemistry, 1995, 389, 1-11.	1.9	41
115	A four-electrode microcell for electrochemical measurements at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 1995, 386, 225-228.	1.9	15
116	Mechanism of peroxodisulfate reduction at a polycrystalline gold electrode. Journal of Electroanalytical Chemistry, 1994, 367, 141-147.	1.9	27
117	Indicator and reference platinum | solid polymer electrolyte electrodes for a simple solid-state amperometric hydrogen sensor. Journal of Electroanalytical Chemistry, 1994, 379, 301-306.	1.9	25
118	Evaluation of Ion Transport Parameters in a Nafion Membrane from Ion-Exchange Measurements. The Journal of Physical Chemistry, 1994, 98, 6352-6358.	2.9	40
119	Mechanism of the Facilitated Ion Transfer Across a Liquid/Liquid Interface. Collection of Czechoslovak Chemical Communications, 1994, 59, 1287-1295.	1.0	11
120	Kelvin probe measurements for chemical analysis: interfacial structure of electrodes exposed to the gas phase containing water vapour. Sensors and Actuators B: Chemical, 1993, 14, 741-742.	4.0	8
121	The absolute electrode potential of metal electrodes emersed from liquid electrolytes. Surface Science, 1992, 264, 440-448.	0.8	38
122	A tribute to Professor J. Koryta on the occasion of his 70th birthday. Journal of Electroanalytical Chemistry, 1992, 335, 1-9.	1.9	0
123	Polarization phenomena at ionic membrane/electrolyte interfaces. Journal of Electroanalytical Chemistry, 1992, 332, 349-355.	1.9	13
124	The use of the Frumkin correction in the kinetics of the ion transfer across the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry, 1992, 333, 319-323.	1.9	6
125	Effect of temperature on the ion transfer across an interface between two immiscible electrolyte solutions: Ion transfer dynamics. Journal of Electroanalytical Chemistry, 1992, 331, 765-782.	1.9	40
126	Standard Gibbs energies of transfer of univalent ions from water to 1,2-dichloroethane. Electrochimica Acta, 1992, 37, 231-235.	2.6	158

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127	Selective complexation of biogenic amines by macrocyclic polyethers at a liquid/liquid interface. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 300, 407-413.	0.3	35
128	Galvani potential scales for waterâ€"nitrobenzene and water-1,2-dichloroethane interfaces. Electrochimica Acta, 1990, 35, 1173-1175.	2.6	177
129	Charge transfer across a conducting polypyrrole membrane separated by two electrolyte solutions. Electroanalysis, 1990, 2, 623-629.	1.5	19
130	Photochemical transfer of tetraaryl ions across the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 288, 245-261.	0.3	18
131	Ion transfer across polymer gel/liquid boundaries. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1990, 284, 205-215.	0.3	17
132	Electrolyte dropping electrode polarographic studies. Solvent effect on stability of crown ether complexes of alkali-metal cations. Analytical Chemistry, 1990, 62, 1010-1015.	3.2	84
133	Ion transfer across liquid-liquid phase boundaries: electrochemical kinetics by Faradaic impedance. The Journal of Physical Chemistry, 1989, 93, 8204-8212.	2.9	78
134	Photochemical ion transfer across the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1989, 259, 309-313.	0.3	20
135	Charge transfer across the interface of two immiscible electrolyte solutions. Advances in Colloid and Interface Science, 1988, 29, 1-78.	7.0	50
136	Standard Gibbs energies of transfer of alkali metal cations from water to 1,2-dichloroethane. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 257, 147-154.	0.3	60
137	Adsorption of phospholipids at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 242, 277-290.	0.3	42
138	Kinetic analysis of the picrate ion transfer across the interface between two immiscible electrolyte solutions from impedance measurements at the equilibrium potential. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 242, 291-302.	0.3	47
139	Electrical double layer at the interface between two immiscible electrolyte solutions. Chemical Reviews, 1988, 88, 617-632.	23.0	153
140	Electron transfer between ferrocene and hexacyanoferrate(III) across the water/1,2-dichloroethane interface. Collection of Czechoslovak Chemical Communications, 1988, 53, 903-911.	1.0	18
141	A Preliminary Study of Transfer of Laurylsulfate Ion at the Water/Dichloroethane Interface.. Acta Chemica Scandinavica, 1988, 42a, 192-194.	0.7	3
142	Transfer of 1,1'-dialkyl-4,4'-bipyridinium dication (viologen) across the water-dichloroethane and water-nitrobenzene interfaces. Collection of Czechoslovak Chemical Communications, 1987, 52, 830-837.	1.0	7
143	The double layer at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 225, 65-78.	0.3	38
144	Adsorption of phospholipids at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 227, 281-285.	0.3	22

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145	Transfer of ferricenium cation across water/organic solvent interfaces. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1987, 216, 303-308.	0.3	65
146	Study of the Electrical Double Layer at the Interface Between Two Immiscible Electrolyte Solutions by Impedance Measurements. , 1987, , 123-141.		2
147	Voltammetric determination of nitrate, perchlorate and iodide at a hanging electrolyte drop electrode. Analytica Chimica Acta, 1986, 185, 359-362.	2.6	16
148	Charge transfer between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 200, 17-33.	0.3	68
149	Stochastic approach to the ion transfer kinetics across the interface between two immiscible electrolyte solutions comparison with the experimental data. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1986, 204, 257-266.	0.3	41
150	Fast performance galvanostatic pulse technique for evaluation of the ohmic potential drop and capacitance of the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 185, 263-271.	0.3	60
151	The double layer at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1985, 187, 31-51.	0.3	64
152	Influence of protons on electrochemical behaviour of the system quinone-hydroquinone in dichloromethane. Collection of Czechoslovak Chemical Communications, 1985, 50, 2821-2826.	1.0	6
153	The use of the mean spherical approximation in calculation of the double-layer capacitance for the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 170, 383-386.	0.3	11
154	The partition of amines between water and an organic solvent phase. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1984, 163, 159-170.	0.3	89
155	Double layers at liquid/liquid interfaces. Faraday Discussions of the Chemical Society, 1984, 77, 197-208.	2.2	95
156	Charge transfer between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 158, 25-36.	0.3	13
157	Anodic oxidation of dihydronicotinamide adenine dinucleotide at solid electrodes; Mediation by surface species. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 144, 217-234.	0.3	91
158	Charge transfer between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 145, 213-218.	0.3	37
159	The double layer at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 159, 233-238.	0.3	32
160	The double layer at the interface between two immiscible electrolyte solutions. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 151, 277-282.	0.3	42
161	Evaluation of ohmic potential drop and capacity of interface between two immiscible electrolyte solutions by the galvanostatic pulse method. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1983, 149, 185-192.	0.3	12
162	Determination of calcium, barium and strontium ions by differential pulse stripping voltammetry at a hanging electrolyte drop electrode. Analytica Chimica Acta, 1983, 151, 265-269.	2.6	35

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