

Marek Kosmulski

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/7036476/marek-kosmulski-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

172
papers

5,920
citations

35
h-index

74
g-index

186
ext. papers

6,404
ext. citations

5.8
avg, IF

6.84
L-index

#	Paper	IF	Citations
172	Twenty-fifth anniversary of Sokal hoax. <i>Scientometrics</i> , 2022 , 127, 1187-1190	3	
171	Misconceptions in the measurements of zeta potentials in ethylene glycol-based heat transfer fluids. <i>Applied Thermal Engineering</i> , 2022 , 209, 118282	5.8	2
170	Zeta potential in dispersions of titania nanoparticles in moderately polar solvents stabilized with anionic surfactants. <i>Journal of Molecular Liquids</i> , 2022 , 355, 118972	6	2
169	There are no nanodroplets of water in wet oil-impregnated pressboard. <i>Cellulose</i> , 2021 , 28, 5991	5.5	1
168	The Isoelectric Point of an Exotic Oxide: Tellurium (IV) Oxide. <i>Molecules</i> , 2021 , 26,	4.8	1
167	Posthumous co-authorship revisited. <i>Scientometrics</i> , 2021 , 126, 8227-8231	3	1
166	Areal capacitance deserves its own name and symbol, also in colloid chemistry. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021 , 623, 126652	5.1	
165	The pH dependent surface charging and points of zero charge. IX. Update. <i>Advances in Colloid and Interface Science</i> , 2021 , 296, 102519	14.3	5
164	Synthesis and properties of Fe/SBA-15. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 599, 124922	5.1	8
163	Nobel laureates are not hot. <i>Scientometrics</i> , 2020 , 123, 487-495	3	4
162	The pH dependent surface charging and points of zero charge. VIII. Update. <i>Advances in Colloid and Interface Science</i> , 2020 , 275, 102064	14.3	52
161	The effect of sodium octadecyl sulfate on the electrokinetic potential of metal oxides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 605, 125353	5.1	4
160	The Effects of Ethanol Concentration and of Ionic Strength on the Zeta Potential of Titania in the Presence of Sodium Octadecyl Sulfate. <i>Colloids and Interfaces</i> , 2020 , 4, 49	3	1
159	Novel route of synthesis of Sn-coated SBA-15. <i>Journal of Porous Materials</i> , 2019 , 26, 803-811	2.4	3
158	Effect of annealing temperature on structural properties of the co-precipitated delafossite AgFeO ₂ . <i>Materials Research Express</i> , 2019 , 6, 086113	1.7	5
157	Surface charging and points of zero charge of less common oxides: Beryllium oxide. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019 , 575, 140-143	5.1	5
156	Dispersions of Metal Oxides in the Presence of Anionic Surfactants. <i>Colloids and Interfaces</i> , 2019 , 3, 3	3	2

155	Two types of electrokinetic behavior of solid particles in the presence of anionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2019 , 533, 34-41	9.3	6
154	The pH dependent surface charging and points of zero charge. VII. Update. <i>Advances in Colloid and Interface Science</i> , 2018 , 251, 115-138	14.3	90
153	Are you in top 1% (10)? <i>Scientometrics</i> , 2018 , 114, 557-565	3	4
152	Synthesis and Properties of SBA-15 Modified with Non-Noble Metals. <i>Colloids and Interfaces</i> , 2018 , 2, 59	3	3
151	Aggregation in dispersions of hematite and of hematite-akageneite composite containing anionic surfactants. <i>Journal of Dispersion Science and Technology</i> , 2017 , 38, 403-408	1.5	5
150	Uptake of vapors of Cd at 48000°C and of Zn at 750880°C by SBA-15. <i>Microporous and Mesoporous Materials</i> , 2017 , 246, 114-119	5.3	3
149	Modification of SBA-15 with vapors of aluminum and titanium chlorides. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 535, 61-68	5.1	5
148	Chemical reduction of nitrate by zerovalent iron nanoparticles adsorbed radiation-grafted copolymer matrix. <i>Nukleonika</i> , 2017 , 62, 269-275	1	5
147	Isoelectric points and points of zero charge of metal (hydr)oxides: 50years after Parks' review. <i>Advances in Colloid and Interface Science</i> , 2016 , 238, 1-61	14.3	239
146	A novel radiation-induced grafting methodology to synthesize stable zerovalent iron nanoparticles at ambient atmospheric conditions. <i>Colloid and Polymer Science</i> , 2016 , 294, 1557-1569	2.4	3
145	The effect of sodium alkyl sulfates (C8-16) on the electrokinetic properties of hematite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016 , 492, 152-159	5.1	3
144	Careers of young Polish chemists. <i>Scientometrics</i> , 2015 , 102, 1455-1465	3	11
143	Hematite and hematite-akageneite composites. XRD and electrokinetic study and interaction with ionic surfactants. <i>Journal of Colloid and Interface Science</i> , 2015 , 458, 130-5	9.3	12
142	Gender disparity in Polish science by year (1975-2014) and by discipline. <i>Journal of Informetrics</i> , 2015 , 9, 658-666	3.1	4
141	Time-dependent particle aggregation in SDS hematite dispersions. <i>Colloids and Interface Science Communications</i> , 2014 , 1, 10-13	5.4	5
140	The pH dependent surface charging and points of zero charge. VI. Update. <i>Journal of Colloid and Interface Science</i> , 2014 , 426, 209-12	9.3	86
139	Background-subtraction in electroacoustic studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 460, 104-107	5.1	3
138	Isoelectric points of fresh and aged Fe(OH)2. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014 , 441, 326-330	5.1	7

137	The significance of the solid-to-liquid ratio in the electrokinetic studies of the effect of ionic surfactants on mineral oxides. <i>Journal of Colloid and Interface Science</i> , 2013 , 393, 228-33	9.3	16
136	Electroacoustic study of dispersions containing two types of colloidal particles. <i>Journal of Colloid and Interface Science</i> , 2013 , 403, 43-8	9.3	3
135	Family-tree of bibliometric indices. <i>Journal of Informetrics</i> , 2013 , 7, 313-317	3.1	9
134	Are you in h?. <i>Journal of Informetrics</i> , 2013 , 7, 693-698	3.1	1
133	Electric conductance of dispersions of metal oxides in solutions of weak acids in mixed dioxane-water solvents. <i>Journal of Colloid and Interface Science</i> , 2012 , 380, 159-65	9.3	1
132	Calibration against a reference set: A quantitative approach to assessment of the methods of assessment of scientific output. <i>Journal of Informetrics</i> , 2012 , 6, 451-456	3.1	6
131	Peculiar charging effects on titania in aqueous 1:1, 2:1, 1:2 and mixed electrolyte suspensions. <i>Advances in Colloid and Interface Science</i> , 2012 , 179-182, 51-67	14.3	10
130	The order in the lists of authors in multi-author papers revisited. <i>Journal of Informetrics</i> , 2012 , 6, 639-644	3.1	24
129	Nemo iudex in causa sua?. <i>Journal of Informetrics</i> , 2012 , 6, 611-614	3.1	
128	Modesty-index. <i>Journal of Informetrics</i> , 2012 , 6, 368-369	3.1	6
127	The role of references in scientific papers: Cited papers as objects of research. <i>Research Evaluation</i> , 2012 , 21, 87-88	1.7	6
126	IEP as a parameter characterizing the pH-dependent surface charging of materials other than metal oxides. <i>Advances in Colloid and Interface Science</i> , 2012 , 171-172, 77-86	14.3	47
125	2-Mercaptobenzothiazole as a Corrosion Inhibitor in Low Temperature Ionic Liquids 2011 , 165-171		3
124	Successful papers: A new idea in evaluation of scientific output. <i>Journal of Informetrics</i> , 2011 , 5, 481-485	3.1	29
123	Surface-induced electrolytic dissociation of oxalic and phosphoric acid in mixed alcohol-water solvents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 376, 42-46	5.1	4
122	Visco-coulombic characterization of aqueous and alcoholic titania suspensions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 376, 76-84	5.1	7
121	The pH-dependent surface charging and points of zero charge: V. Update. <i>Journal of Colloid and Interface Science</i> , 2011 , 353, 1-15	9.3	281
120	Surface Charge and Conductance in Dispersions of Titania in Nonaqueous and Mixed Solvents 2011 , 55-59		0

119	Interaction Between Surface Active Solutes and Surfaces of Metal Oxides in Polar Organic Solvents. <i>Journal of Dispersion Science and Technology</i> , 2010 , 31, 1704-1707	1.5	2
118	Surface-Induced Electrolytic Dissociation of Weak Acids in Ethanol. <i>Journal of Physical Chemistry C</i> , 2010 , 114, 17734-17740	3.8	8
117	Surface-induced electrolytic dissociation of oxalic acid in polar organic solvents. <i>Langmuir</i> , 2010 , 26, 1904-9		10
116	Hirsch-type index of international recognition. <i>Journal of Informetrics</i> , 2010 , 4, 351-357	3.1	3
115	Professor Andrzej Waksmundzki (1910-1998). <i>Adsorption</i> , 2010 , 16, 183-184	2.6	
114	Simple model of surface-induced electrolytic dissociation of weak acids in organic solvents. <i>Adsorption</i> , 2010 , 16, 343-349	2.6	7
113	Solvents, in which ionic surfactants do not affect the zeta potential. <i>Journal of Colloid and Interface Science</i> , 2010 , 342, 110-3	9.3	11
112	Hirsch-type approach to the 2nd generation citations. <i>Journal of Informetrics</i> , 2010 , 4, 257-264	3.1	9
111	The Effect of Chloride and Water on the Corrosion of Copper in 1-Butyl-3-Methylimidazolium Tetrafluoroborate. <i>Materials and Manufacturing Processes</i> , 2009 , 24, 1173-1179	4.1	7
110	Letter: The IEP of Carbonate-Free Neodymium(III) Oxide. <i>Journal of Dispersion Science and Technology</i> , 2009 , 30, 589-591	1.5	11
109	Quantitative assessment of hysteresis in voltammetric curves of electrochemical capacitors. <i>Adsorption</i> , 2009 , 15, 172-180	2.6	9
108	New seniority-independent Hirsch-type index. <i>Journal of Informetrics</i> , 2009 , 3, 341-347	3.1	12
107	pH-dependent surface charging and points of zero charge. IV. Update and new approach. <i>Journal of Colloid and Interface Science</i> , 2009 , 337, 439-48	9.3	441
106	Electrokinetic potentials of Al ₂ O ₃ in concentrated solutions of metal sulfates. <i>Journal of Colloid and Interface Science</i> , 2009 , 338, 316-8	9.3	3
105	Electrokinetic behavior of melamine-formaldehyde latex particles at moderate electrolyte concentration. <i>Journal of Colloid and Interface Science</i> , 2009 , 339, 409-15	9.3	4
104	Compilation of PZC and IEP of sparingly soluble metal oxides and hydroxides from literature. <i>Advances in Colloid and Interface Science</i> , 2009 , 152, 14-25	14.3	326
103	Electroacoustic study of titania at high concentrations of 1-2, 2-1 and 2-2 electrolytes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 345, 106-111	5.1	15
102	Electrokinetic study of adsorption of ionic surfactants on titania from organic solvents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2009 , 348, 298-300	5.1	13

101	Control of the Zeta Potential in Semiconcentrated Dispersions of Titania in Polar Organic Solvents. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 12806-12810	3.8	19
100	Electrokinetics at high ionic strengths: Alumina. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2007 , 301, 425-431	5.1	19
99	New ceramic-carbon composites for electrodes for electrochemical capacitors. <i>Journal of Colloid and Interface Science</i> , 2007 , 309, 160-8	9.3	8
98	Electrokinetic studies of metal oxides in the presence of alkali trichloroacetates, trifluoroacetates, and trifluoromethanesulfonates. <i>Journal of Colloid and Interface Science</i> , 2007 , 313, 202-6	9.3	3
97	Mixed electrolytes producing very weak electroacoustic signal. <i>Journal of Colloid and Interface Science</i> , 2007 , 315, 493-9	9.3	6
96	The Emperor's new clothes. <i>Journal of Alternative and Complementary Medicine</i> , 2007 , 13, 185-6	2.4	
95	Advanced Analysis of SEM Images of Carbon-Ceramic Composites. <i>Adsorption Science and Technology</i> , 2007 , 25, 473-478	3.6	0
94	High ionic strength electrokinetics of clay minerals. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006 , 291, 212-218	5.1	49
93	pH-dependent surface charging and points of zero charge. III. Update. <i>Journal of Colloid and Interface Science</i> , 2006 , 298, 730-41	9.3	258
92	Numerical values of the electrokinetic potentials of anatase at high concentration of NaI. <i>Journal of Colloid and Interface Science</i> , 2006 , 301, 310-4	9.3	5
91	High ionic strength electrokinetics of melamine-formaldehyde latex. <i>Journal of Colloid and Interface Science</i> , 2006 , 301, 538-41	9.3	7
90	The surface charging at low density of protonatable surface sites. <i>Langmuir</i> , 2005 , 21, 7421-6	4	11
89	Low-temperature ionic liquids immobilized in porous alumina. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 214-7	9.3	8
88	Electroacoustics and electroosmosis in low temperature ionic liquids. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 267, 16-18	5.1	3
87	Electrokinetics of anatase in 1-ethyl-3-methylimidazolium trifluoromethanesulfonate. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005 , 254, 179-182	5.1	3
86	Thermal stability of low temperature ionic liquids revisited. <i>Thermochimica Acta</i> , 2004 , 412, 47-53	2.9	380
85	Morphology of synthetic goethite particles. <i>Journal of Colloid and Interface Science</i> , 2004 , 271, 261-9	9.3	57
84	Electroacoustics in low-temperature ionic liquids. <i>Journal of Colloid and Interface Science</i> , 2004 , 275, 317-24	9.3	5

83	pH-dependent surface charging and points of zero charge II. Update. <i>Journal of Colloid and Interface Science</i> , 2004 , 275, 214-24	9.3	238
82	Point of zero charge/isoelectric point of exotic oxides: Ti ₂ O ₃ . <i>Journal of Colloid and Interface Science</i> , 2004 , 280, 544-5	9.3	11
81	High ionic strength electrokinetics. <i>Advances in Colloid and Interface Science</i> , 2004 , 112, 93-107	14.3	66
80	High ionic strength electrokinetics of anatase in the presence of multivalent inorganic ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2004 , 248, 121-126	5.1	14
79	Dilatometric study of the adsorption of heavy-metal cations on goethite. <i>Langmuir</i> , 2004 , 20, 2320-3	4	18
78	Electrokinetic potentials of mineral oxides and calcium carbonate in artificial seawater. <i>Marine Pollution Bulletin</i> , 2003 , 46, 120-2	6.7	12
77	Multilaboratory study of the shifts in the IEP of anatase at high ionic strengths. <i>Journal of Colloid and Interface Science</i> , 2003 , 263, 152-5	9.3	21
76	Synthesis and characterization of goethite and goethite-hematite composite: experimental study and literature survey. <i>Advances in Colloid and Interface Science</i> , 2003 , 103, 57-76	14.3	83
75	The effect of pressure on the sorption/precipitation of metal cations, and its possible role in spontaneous removal of heavy metal cations from sea water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 223, 195-199	5.1	2
74	A literature survey of the differences between the reported isoelectric points and their discussion. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 113-118	5.1	81
73	Electrokinetic study of specific adsorption of cations on synthetic goethite. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003 , 222, 119-124	5.1	10
72	Comment on Point of zero charge of a corundum-water interface probed with optical second harmonic generation (SHG) and atomic force microscopy (AFM): new approaches to oxide surface charge By A. G. Stack, S. R. Higgins, and C. M. Eggleston. <i>Geochimica Et Cosmochimica Acta</i> , 2003 , 67, 219-220	5.5	11
71	The Environmental Aspects of High Ionic Strength Electrokinetics 2003 , 225-231		
70	The specific adsorption of sodium cations on less common metal oxides at high ionic strengths. <i>Journal of Colloid and Interface Science</i> , 2002 , 248, 30-2	9.3	13
69	Multiinstrument study of the electrophoretic mobility of quartz. <i>Journal of Colloid and Interface Science</i> , 2002 , 250, 99-103	9.3	39
68	The pH-dependent surface charging and the points of zero charge. <i>Journal of Colloid and Interface Science</i> , 2002 , 253, 77-87	9.3	352
67	The significance of the difference in the point of zero charge between rutile and anatase. <i>Advances in Colloid and Interface Science</i> , 2002 , 99, 255-64	14.3	313
66	Confirmation of the Differentiating Effect of Small Cations in the Shift of the Isoelectric Point of Oxides at High Ionic Strengths. <i>Langmuir</i> , 2002 , 18, 785-787	4	20

65	Isoelectric Points of Metal Oxides at High Ionic Strengths. <i>Journal of Physical Chemistry B</i> , 2002 , 106, 2918-2921	3.4	34
64	Multiinstrument study of the electrophoretic mobility of fumed silica. <i>Analytical Chemistry</i> , 2002 , 74, 253-6	7.8	49
63	The Significance of the Points of Zero Charge of Zirconium (Hydr)Oxide Reported in the Literature. <i>Journal of Dispersion Science and Technology</i> , 2002 , 23, 529-538	1.5	16
62	Retention of whiteners in fibrous mats. <i>Colloid and Polymer Science</i> , 2001 , 279, 926-930	2.4	1
61	Comment on Simulation of Ta ₂ O ₅ gate ISFET temperature characteristics by Chou et al.. <i>Sensors and Actuators B: Chemical</i> , 2001 , 80, 292-293	8.5	4
60	Pristine Points of Zero Charge of Gallium and Indium Oxides. <i>Journal of Colloid and Interface Science</i> , 2001 , 238, 225-227	9.3	45
59	Dispersions of Anatase in Ambient Temperature Ionic Liquids. <i>Journal of Colloid and Interface Science</i> , 2001 , 242, 104-105	9.3	8
58	Chemical Properties of Material Surfaces. <i>Surfactant Science</i> , 2001 ,		222
57	Zeta potentials of monodispersed, spherical silica particles in mixed solvents as a function of cesium chloride concentration. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2000 , 162, 37-48	5.1	17
56	Diffusion Coefficients of Ferrocene in Composite Materials Containing Ambient Temperature Ionic Liquids. <i>Journal of the Electrochemical Society</i> , 2000 , 147, 1454	3.9	54
55	Application of electrokinetic data to test the adsorption models. <i>Radiochimica Acta</i> , 2000 , 88, 701-704	1.9	3
54	How to handle the ion adsorption data with variable solid-to-liquid ratios by means of FITEQL. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 149, 397-408	5.1	10
53	Surface charge of anatase and alumina in mixed solvents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 149, 409-412	5.1	10
52	Charge interactions in semi-concentrated titania suspensions at very high ionic strengths. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 157, 245-259	5.1	33
51	Zeta potentials in nonaqueous media: how to measure and control them. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1999 , 159, 277-281	5.1	25
50	Ion specificity and viscosity of rutile dispersions. <i>Colloid and Polymer Science</i> , 1999 , 277, 550-556	2.4	26
49	Correlation between the Zeta Potential and Rheological Properties of Anatase Dispersions. <i>Journal of Colloid and Interface Science</i> , 1999 , 209, 200-206	9.3	64
48	Adsorption of Trivalent Cations on Silica. <i>Journal of Colloid and Interface Science</i> , 1999 , 211, 410-412	9.3	8

47	Specific Adsorption of Nickel and zeta Potential of Silica at Various Solid-to-Liquid Ratios. <i>Journal of Colloid and Interface Science</i> , 1999 , 220, 128-132	9.3	19
46	Comments on "The Binding of Monovalent Electrolyte Ions on γ -Alumina. I. Electroacoustic Studies at High Electrolyte Concentrations" <i>Langmuir</i> , 1999 , 15, 8934-8934	4	8
45	Application of zetametry to determine concentrations of acidic and basic impurities in analytical reagents. <i>Analytical Chemistry</i> , 1999 , 71, 2518-22	7.8	16
44	Positive Electrokinetic Charge of Silica in the Presence of Chlorides. <i>Journal of Colloid and Interface Science</i> , 1998 , 208, 543-545	9.3	88
43	Attempt To Determine Pristine Points of Zero Charge of Nb ₂ O ₅ , Ta ₂ O ₅ , and HfO ₂ . <i>Langmuir</i> , 1997 , 13, 6315-6320	4	94
42	Comments on "The Zeta Potential of Iron and Chromium Hydrrous Oxides during Adsorption and Coprecipitation of Aqueous Heavy Metals" <i>Journal of Colloid and Interface Science</i> , 1997 , 188, 516	9.3	2
41	The Effect of the Ionic Strength on the Adsorption Isotherms of Nickel on Silica. <i>Journal of Colloid and Interface Science</i> , 1997 , 190, 212-23	9.3	23
40	Standard Enthalpies of Adsorption of Di- and Trivalent Cations on Alumina. <i>Journal of Colloid and Interface Science</i> , 1997 , 192, 215-27	9.3	30
39	Adsorption of Trivalent Cations on Silica. <i>Journal of Colloid and Interface Science</i> , 1997 , 195, 395-403	9.3	42
38	Electroacoustic Study of Adsorption of Ions on Anatase and Zirconia from Very Concentrated Electrolytes. <i>The Journal of Physical Chemistry</i> , 1996 , 100, 11681-11687		86
37	The Effect of the Nature of the Organic Cosolvent on Surface Charge Density of Silica in Mixed Solvents. <i>Journal of Colloid and Interface Science</i> , 1996 , 179, 128-135	9.3	11
36	Adsorption of cadmium on alumina and silica: analysis of the values of stability constants of surface complexes calculated for different parameters of triple layer model. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1996 , 117, 201-214	5.1	48
35	Oxide/electrolyte interface: electric double layer in mixed solvent systems. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1995 , 95, 81-100	5.1	42
34	Solvent Effects on Standard Thermodynamic Functions of Surface Dissociation of Oxides. <i>Journal of Colloid and Interface Science</i> , 1994 , 164, 280-284	9.3	35
33	Standard enthalpies of ion adsorption onto oxides from aqueous solutions and mixed solvents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1994 , 83, 237-243	5.1	40
32	Co-adsorption of mono- and multivalent ions on silica and alumina. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1994 , 98, 1062-1067		21
31	Adsorption of Methanol and Supporting Electrolyte on Silica and Alumina in Mixed Solvent Systems. <i>Journal of Colloid and Interface Science</i> , 1993 , 156, 305-310	9.3	18
30	The role of the activity coefficients of surface groups in the formation of surface charge of oxides. Part II: Ion exchange and ζ -potentials. <i>Colloid and Polymer Science</i> , 1993 , 271, 1076-1082	2.4	17

29	.zeta.-potentials of silica in water-alcohol mixtures. <i>Langmuir</i> , 1992 , 8, 1060-1064	4	77
28	Formation of the surface charge on silica in mixed solvents. <i>Colloid and Polymer Science</i> , 1992 , 270, 1046-1048	10.48	28
27	Zeta potential of anatase (TiO ₂) in mixed solvents. <i>Colloids and Surfaces</i> , 1992 , 64, 57-65		68
26	Solvophoresis of latex. <i>Journal of Colloid and Interface Science</i> , 1992 , 150, 291-294	9.3	14
25	Electric and sorption properties of controlled pore glasses. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1991 , 150, 465-471	1.5	1
24	Microelectrophoresis of silica in mixed solvents of low dielectric constant. <i>Langmuir</i> , 1991 , 7, 2066-2071	4	38
23	Lanthanides adsorption on controlled pore glass. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1990 , 144, 73-77	1.5	6
22	Adsorption properties of porous glasses containing alumina towards cesium. <i>International Journal of Radiation Applications and Instrumentation Part A, Applied Radiation and Isotopes</i> , 1990 , 41, 239-240		1
21	Effect of n-alcohols on the surface charge density and adsorption of supporting electrolyte on aluminas. <i>Journal of Colloid and Interface Science</i> , 1990 , 135, 590-593	9.3	15
20	Effect of n-alcohols on the electric double layer formed on the surface of controlled pore glass. <i>Journal of Colloid and Interface Science</i> , 1990 , 137, 157-162	9.3	7
19	Influence of the Leaching Process on Adsorption Properties of Porous Glasses. <i>Separation Science and Technology</i> , 1990 , 25, 953-960	2.5	2
18	Adsorption of CsOH on controlled porous glasses. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1989 , 129, 149-154	1.5	11
17	Adsorption of cesium on, and desorption from, controlled porous glasses. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1989 , 131, 377-383	1.5	7
16	Ionic components of charge on oxides. <i>Journal of Colloid and Interface Science</i> , 1989 , 128, 88-95	9.3	7
15	Effect of n-alcohols on the potentiometric titrations of rutile. <i>Journal of Colloid and Interface Science</i> , 1988 , 126, 592-595	9.3	25
14	Selectivity of alkali metal cations adsorption on controlled porous glasses. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1987 , 118, 209-216	1.5	10
13	Kinetics of heterogeneous isotope exchange in the systems containing porous particles. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1987 , 117, 311-319	1.5	
12	Study of Cd(II) adsorption from aqueous solution on activated carbons. <i>Carbon</i> , 1986 , 24, 15-20	10.4	29

11	Comment on the paper Kinetics, equilibrium and isotope exchange in ion exchange systems by Plicka et al.. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1986 , 98, 397-398	1.5	
10	Liquid/Solid Interfaces: Studies of Kinetics of Isotope Exchange. <i>Adsorption Science and Technology</i> , 1985 , 2, 97-119	3.6	6
9	A generalized equation describing isotope exchange kinetics at solid-liquid interface. <i>Monatshefte für Chemie</i> , 1985 , 116, 305-310	1.4	4
8	Kinetics of isotope of Cd(II) between aqueous solution and surface layer formed on alumina. <i>Materials Chemistry and Physics</i> , 1985 , 12, 331-338	4.4	1
7	Study of the relationship between the porous structure of controlled porous glasses (CPG) and the course of kinetic curves of isotope exchange in the system CPG/solution. <i>The International Journal of Applied Radiation and Isotopes</i> , 1985 , 36, 993-994		1
6	Studies of heterogeneous isotope exchange of Cd (II) between the solution and the surface layer formed on aluminium oxide and activated carbon. <i>Materials Chemistry and Physics</i> , 1984 , 11, 195-200	4.4	7
5	Isotope exchange kinetics at heterogeneous solid surfaces (solid-liquid interfaces). <i>Monatshefte für Chemie</i> , 1984 , 115, 147-154	1.4	8
4	Studies of isotope exchange kinetics at the electrolyte solution/solid interface. <i>Materials Chemistry and Physics</i> , 1983 , 9, 351-358	4.4	6
3	A note on the Percus-Yevick and hypernetted chain theories of adsorption: The second and third virial coefficients for a hard-sphere gas in contact with a wall with a soft surface layer. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1978 , 66, 179-181	2.3	2
2	Chemical Properties of Material Surfaces		21
1	Surface Charging and Points of Zero Charge		159