BronisÅ‚aw Xl;law JaÅ„czuk

List of Publications by Year
in descending order

146 papers	3,290 citations	136940 32 h-index	197805 49 g-index
146 all docs	146 docs citations	146 times ranked	2426 citing authors

#	Article	IF	Citations
1	Some Remarks on the Components of the Liquid Surface Free Energy. Journal of Colloid and Interface Science, 1999, 211, 96-103.	9.4	160
2	On the Consistency of Surface Free Energy Components as Calculated from Contact Angles of Different Liquids: An Application to the Cholesterol Surface. Journal of Colloid and Interface Science, 1993, 159, 421-428.	9.4	113
3	Critical micelle concentration of some surfactants and thermodynamic parameters of their micellization. Fluid Phase Equilibria, 2012, 322-323, 126-134.	2.5	113
4	The adsorption at solutionâ€“air interface and volumetric properties of mixtures of cationic and nonionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 293, 39-50.	4.7	106
5	Correlation between surface free energy of quartz and its wettability by aqueous solutions of nonionic, anionic and cationic surfactants. Journal of Colloid and Interface Science, 2009, 340, 243-248.	9.4	84
6	Activity and thermodynamic parameters of some surfactants adsorption at the waterâ€“air interface. Fluid Phase Equilibria, 2012, 318, 25-33.	2.5	84
7	The wettability of polytetrafluoroethylene and polymethyl methacrylate by aqueous solution of two cationic surfactants mixture. Journal of Colloid and Interface Science, 2006, 293, 172-180.	9.4	83
8	The Properties of a Binary Mixture of Nonionic Surfactants in Water at the Water/Air Interface. Langmuir, 2007, 23, 4972-4981.	3.5	76
9	Determination of CTAB CMC in mixed water+short-chain alcohol solvent by surface tension, conductivity, density and viscosity measurements. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 424, 81-88.	4.7	76
10	Some remarks on the solid surface tension determination from contact angle measurements. Applied Surface Science, 2017, 405, 88-101.	6.1	73
11	RELATIONSHIP BETWEEN WETTING OF TEFLON BY CETYLTRIMETHYLAMMONIUM BROMIDE SOLUTION AND ADSORPTION. European Polymer Journal, 1997, 33, 1093-1098.	5.4	68
12	Wettability of polytetrafluoroethylene by aqueous solutions of two anionic surfactant mixtures. Journal of Colloid and Interface Science, 2003, 268, 200-207.	9.4	67
13	Volumetric and Surface Properties of Short Chain Alcohols in Aqueous Solutionâ€“Air Systems at 293ÂK. Journal of Solution Chemistry, 2012, 41, 2226-2245.	1.2	60
14	Thermodynamic properties of rhamnolipid micellization and adsorption. Colloids and Surfaces B: Biointerfaces, 2014, 119, 22-29.	5.0	58
15	Components of Surface Free Energy of Some Clay Minerals. Clays and Clay Minerals, 1988, 36, 243-248.	1.3	54
16	Wettability of a Polytetrafluoroethylene Surface by an Aqueous Solution of Two Nonionic Surfactant Mixtures. Langmuir, 2007, 23, 8740-8746.	3.5	52
17	Interpretation of contact angle in solid-hydrocarbon-water system. Journal of Colloid and Interface Science, 1983, 95, 268-270.	9.4	51
18	Wettability, adhesion, adsorption and interface tension in the polymer/surfactant aqueous solution system. I. Critical surface tension of polymer wetting and its surface tension. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 132-138.	4.7	45

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19	Surface Properties of Gelatin Films. Langmuir, 2002, 18, 9462-9468.	3.5	43
20	Surface free energy of cholesterol and bile salts from contact angles. Journal of Colloid and Interface Science, 1992, 151, 333-342.	9.4	42
21	The relationship between the adhesion work, the wettability and composition of the surface layer in the systems polymer/aqueous solution of anionic surfactants and alcohol mixtures. Applied Surface Science, 2010, 257, 1034-1042.	6.1	41
22	Components and parameters of liquids and some polymers surface tension at different temperature. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 529, 864-875.	4.7	40
23	Wettability of a Glass Surface in the Presence of Two Nonionic Surfactant Mixtures. Langmuir, 2008, 24, 7755-7760.	3.5	39
24	The surface tension components of aqueous alcohol solutions. Colloids and Surfaces, 1989, 36, 391-403.	0.9	38
25	Thermodynamic parameters of some biosurfactants and surfactants adsorption at water-air interface. Journal of Molecular Liquids, 2017, 243, 236-244.	4.9	37
26	Surface tension of polytetrafluoroethylene and its wetting by aqueous solution of some surfactants and their mixtures. Applied Surface Science, 2017, 392, 117-125.	6.1	36
27	Adsorption and Aggregation Properties of Some Polysorbates at Different Temperatures. Journal of Solution Chemistry, 2018, 47, 1824-1840.	1.2	36
28	Wettability, adhesion, adsorption and interface tension in the polymer/surfactant aqueous solution system: II. Work of adhesion and adsorption of surfactant at polymerâ€“solution and solutionâ€“air interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 402, 139-145.	4.7	35
29	The properties of mixtures of two anionic surfactants in water at the waterâˆ£air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 220, 61-68.	4.7	34
30	Modification of adsorption, aggregation and wetting properties of surfactants by short chain alcohols. Advances in Colloid and Interface Science, 2020, 284, 102249.	14.7	34
31	The wettability of a cellulose acetate membrane in the presence of bovine serum albumin. Applied Surface Science, 2002, 201, 146-153.	6.1	33
32	The properties of mixtures of two cationic surfactants in water at water/air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2005, 264, 147-156.	4.7	33
33	Macroscopic and Microscopic Properties of Some Surfactants and Biosurfactants. International Journal of Molecular Sciences, 2018, 19, 1934.	4.1	33
34	Components of the surface free energy of low rank coals in the presence of n-alkanes. Powder Technology, 1996, 86, 229-238.	4.2	32
35	Detachment force of air bubble from the solid surface (sulfur or graphite) in water. Journal of Colloid and Interface Science, 1983, 93, 411-418.	9.4	31
36	The wettability of polytetrafluoroethylene by aqueous solution of cetyltrimethylammonium bromide and Triton X-100 mixtures. Journal of Colloid and Interface Science, 2006, 303, 319-325.	9.4	30

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37	Correlation between wetting, adhesion and adsorption in the polymerâ€“aqueous solutions of ternary surfactant mixturesâ€“air systems. Applied Surface Science, 2014, 288, 488-496.	6.1	30
38	The changes of the surface free energy of the adsorptive gelatin films. European Polymer Journal, 2001, 37, 1047-1051.	5.4	28
39	Effect of anionic surfactant and short-chain alcohol mixtures on adsorption at quartz/water and water/air interfaces and the wettability of quartz. Journal of Colloid and Interface Science, 2011, 354, 396-404.	9.4	27
40	The role of adsorption of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide surfactants in wetting of polytetrafluoroethylene and poly(methyl methacrylate) surfaces. Applied Surface Science, 2009, 255, 3623-3628.	6.1	25
41	Adsorption and wetting properties of cationic, anionic and nonionic surfactants in the glass-aqueous solution of surfactant-air system. Materials Chemistry and Physics, 2015, 162, 166-176.	4.0	25
42	Wettability and surface free energy of bovine serum albumin films. Journal of Surfactants and Detergents, 2001, 4, 287-292.	2.1	24
43	Wetting and adhesion properties of rhamnolipid and surfactin. International Journal of Adhesion and Adhesives, 2018, 84, 275-282.	2.9	24
44	Behavior of cationic surfactants and short chain alcohols in mixed surface layers at waterâ€“air and polymerâ€“water interfaces with regard to polymer wettability. I. Adsorption at waterâ€“air interface. Journal of Colloid and Interface Science, 2010, 349, 374-383.	9.4	23
45	Behavior of cationic surfactants and short-chain alcohols in mixed surface layers at waterâ€“air and polymerâ€“water interfaces with regard to polymer wettability. Journal of Colloid and Interface Science, 2010, 350, 568-576.	9.4	23
46	Wettability of polymers by aqueous solution of binary surfactants mixture with regard to adhesion in polymerâ€“solution system II. Critical surface tension of polymers wetting and work of adhesion. International Journal of Adhesion and Adhesives, 2013, 45, 106-111.	2.9	23
47	Effect of two hydrocarbon and one fluorocarbon surfactant mixtures on the surface tension and wettability of polymers. Journal of Colloid and Interface Science, 2014, 417, 180-187.	9.4	22
48	The adsorption of cetyltrimethylammonium bromide and propanol mixtures with regard to wettability of polytetrafluoroethylene. Journal of Colloid and Interface Science, 2008, 318, 15-22.	9.4	21
49	Thermodynamic properties of adsorption and micellization of n-oktyl-Î²-d-glucopiranoside. Colloids and Surfaces B: Biointerfaces, 2014, 114, 170-176.	5.0	21
50	Volumetric properties of rhamnolipid and surfactin at different temperatures. Journal of Molecular Liquids, 2018, 255, 562-571.	4.9	21
51	Wettability of quartz by aqueous solution of cationic surfactants and short chain alcohols mixtures. Materials Chemistry and Physics, 2010, 124, 569-574.	4.0	20
52	Surface Tension of Polytetrafluoroethylene and Polymethyl Methacrylate under the Influence of the Fluorocarbon Surfactant Film. Industrial & Engineering Chemistry Research, 2012, 51, 14076-14083.	3.7	20
53	Properties of some nonionic fluorocarbon surfactants and their mixtures with hydrocarbon ones. Advances in Colloid and Interface Science, 2021, 292, 102421.	14.7	20
54	The wettability of polytetrafluoroethylene by aqueous solutions of sodium dodecyl sulfate and propanol mixtures. Journal of Colloid and Interface Science, 2005, 281, 465-472.	9.4	19

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55	Adhesion of canola and diesel oils to some parts of diesel engine in the light of surface tension components and parameters of these substrates. International Journal of Adhesion and Adhesives, 2015, 60, 23-30.	2.9	19
56	Synthesis, spectroscopic studies, aggregation and surface behavior of hexamethylene-1,6-bis(N,N-dimethyl-N-dodecylammonium bromide). Journal of Molecular Liquids, 2016, 221, 1086-1096.	4.9	19
57	Influence of Exchangeable Cations on the Surface Free Energy of Kaolinite as Determined from Contact Angles. Clays and Clay Minerals, 1989, 37, 269-272.	1.3	19
58	Thermodynamics of Micellization of Aqueous Solutions of Binary Mixtures of Two Anionic Surfactants. Langmuir, 2009, 25, 4377-4383.	3.5	18
59	Effect of Polysorbates on Solids Wettability and Their Adsorption Properties. Colloids and Interfaces, 2018, 2, 26.	2.1	18
60	Changes of n-heptane film pressure, contact angle and detachment force in sulfur/n-heptaneâ€"airâ€"water system. Journal of Colloid and Interface Science, 1983, 94, 570-572.	9.4	17
61	The effect of n-alkanes on the force of air bubble detachment from the surface of graphite in water. Journal of Colloid and Interface Science, 1985, 108, 541-548.	9.4	17
62	Wetting Behavior of Aqueous Solutions of Binary Surfactant Mixtures to Poly(tetrafluoroethylene). Journal of Adhesion Science and Technology, 2008, 22, 1145-1157.	2.6	17
63	The influence of an apolar collector on the contact angle, detachment force and work of adhesion to the coal surface in agglomeration flotation of a low rank coal. Fuel, 1990, 69, 207-210.	6.4	16
64	Adsorption of sodium bis(2-ethylhexyl) sulfosuccinate and wettability in polytetrafluoroethyleneâ€"solutionâ€"air system. Applied Surface Science, 2007, 253, 7166-7171.	6.1	16
65	Adhesion work and wettability of polytetrafluorethylene and poly(methyl methacrylate) by aqueous solutions of cetyltrimethylammonium bromide and Triton X-100 mixture with ethanol. Journal of Colloid and Interface Science, 2013, 404, 201-206.	9.4	16
66	Components and parameters of solid/surfactant layer surface tension. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2017, 522, 461-469.	4.7	16
67	Surface, Volumetric, and Wetting Properties of Oleic, Linoleic, and Linolenic Acids with Regards to Application of Canola Oil in Diesel Engines. Applied Sciences (Switzerland), 2019, 9, 3445.	2.5	16
68	Adsorption of cetyltrimethylammonium bromide and propanol mixtures with regard to wettability of polytetrafluoroethylene. I. Adsorption at aqueous solutionâ€"air interface. Journal of Colloid and Interface Science, 2008, 317, 44-53.	9.4	15
69	Behavior of Anionic Surfactants and Short Chain Alcohols Mixtures in the Monolayer at the Waterâ€"Air Interface. Journal of Surfactants and Detergents, 2011, 14, 257-267.	2.1	15
70	Adsorption and Aggregation Activity of Sodium Dodecyl Sulfate and Rhamnolipid Mixture. Journal of Surfactants and Detergents, 2017, 20, 411-423.	2.1	15
71	Influence of polyacrylamide on the surface free energy and wettability of a chernozem soil. Geoderma, 1991, 50, 173-184.	5.1	14
72	Determination of the galena surface free energy components from contact angle measurements. Materials Chemistry and Physics, 1992, 31, 235-241.	4.0	14

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73	Adsorption of sodium dodecyl sulphate and propanol mixtures at aqueous solutionâ€“air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 244, 1-7.	4.7	14
74	Wettability of quartz in presence of nonionic surfactants and short chain alcohols mixtures. Journal of Colloid and Interface Science, 2010, 343, 594-601.	9.4	14
75	Mutual influence of cetyltrimethylammonium bromide and Triton X-100 on their adsorption at the waterâ€“air interface. Journal of Chemical Thermodynamics, 2013, 59, 35-42.	2.0	14
76	Adsorption properties of rhamnolipid and ethanol at water/ethanol solution-air interface. Journal of Molecular Liquids, 2020, 308, 113080.	4.9	14
77	Surface free energy of some lead compounds compared to galena. Materials Chemistry and Physics, 1994, 37, 64-67.	4.0	13
78	The mechanism of adsorption of sodium dodecylsulfonate on fluorite and its surface free energy. Applied Surface Science, 1996, 103, 395-402.	6.1	13
79	The wettability of poly(tetrafluoroethylene) by aqueous solutions of ternary surfactant mixtures. Applied Surface Science, 2010, 256, 7478-7483.	6.1	13
80	Behaviour of cetyltrimethylammonium bromide, Triton X-100 and Triton X-114 in mixed monolayer at the (waterâ€“air) interface. Journal of Chemical Thermodynamics, 2014, 69, 85-92.	2.0	13
81	Surface free energy of celestite and its flotation activity. Colloids and Surfaces, 1989, 35, 41-48.	0.9	12
82	Wettability and Adhesion Work Prediction in the Polymerâ€“Aqueous Solution of Surface Active Agent Systems. Colloids and Interfaces, 2018, 2, 21.	2.1	12
83	Wetting properties of Saponaria officinalis saponins. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 584, 123980.	4.7	12
84	Thermodynamic Analysis of the Adsorption and Micellization Activity of the Mixtures of Rhamnolipid and Surfactin with Triton X-165. Molecules, 2022, 27, 3600.	3.8	12
85	Wettability and surface free energy of glass in the presence of cetyltrimethylammonium bromide. Materials Chemistry and Physics, 1999, 58, 166-171.	4.0	11
86	Wettability of Polymeric Solids by Aqueous Solutions of Anionic and Nonionic Surfactant Mixtures. Journal of Adhesion Science and Technology, 2011, 25, 2641-2657.	2.6	11
87	Adsorption of Triton X-100 and cetyltrimethylammonium bromide mixture with ethanol at nylon-6â€“solution interface with regard to nylon-6 wettability: I. The effect of adsorption on critical surface tension of nylon-6 wetting. Adsorption, 2013, 19, 435-444.	3.0	11
88	Wettability of polymers by aqueous solution of binary surfactants mixture with regard to adhesion in polymerâ€“solution system Iâ€”Correlation between the adsorption of surfactants mixture and contact angle. International Journal of Adhesion and Adhesives, 2013, 45, 98-105.	2.9	11
89	Combustion Process of Canola Oil and n-Hexane Mixtures in Dynamic Diesel Engine Operating Conditions. Applied Sciences (Switzerland), 2020, 10, 80.	2.5	11
90	Adsorption of Binary Mixtures of Anionic Surfactants at Waterâ€“Air and Poly(Tetrafluoroethylene)â€“Water Interfaces. Journal of Surfactants and Detergents, 2010, 13, 207-215.	2.1	10

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91	Determination of porous glass surface free energy components from contact angles. Journal of Materials Science, 1990, 25, 1682-1685.	3.7	9
92	Hyaluronanâ€“lecithin foils and their properties. Materials Chemistry and Physics, 2006, 95, 99-104.	4.0	9
93	The role of adsorption of sodium bis(2-ethylhexyl) sulfosuccinate in wetting of glass and poly(methyl) Tj ETQq1 1 0.784314 rgBT /Ove	6.1	9
94	Surface and volume properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide. Journal of Colloid and Interface Science, 2009, 331, 494-499.	9.4	9
95	Behavior of Cetyltrimethylammonium Bromide, tertâ€Octylphenol (9.5 EO) Ethoxylate and Ethanol Mixtures at the Waterâ€“Air Interface. Journal of Surfactants and Detergents, 2013, 16, 203-212.	2.1	9
96	Behavior of cetyltrimethylammonium bromide and Triton X-100 mixture at solutionâ€“air interface in presence of short-chain alcohols. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 454, 65-73.	4.7	9
97	Volumetric properties of sodium dodecylsulfate and Triton X-100 mixture with short-chain alcohol in aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 480, 270-278.	4.7	9
98	Wetting and adsorption properties of n-octyl-Î²-d-glucopyranoside and monorhamnolipid in the system polytetrafluoroethyleneâ€“solutionâ€“air. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 486, 114-123.	4.7	9
99	Influence of short chain alcohols on adsorption of sodium dodecylsulfate and Triton X-100 mixture at solutionâ€“air interface. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 464, 57-64.	4.7	9
100	Adsorption of surfactin at water with ethanol mixture-air interface. Journal of Molecular Liquids, 2020, 300, 112240.	4.9	9
101	HYDROPHOBIZATION OF THE SOIL BY DODECYLAMMONIUM HYDROCHLORIDE AND CHANGES OF THE COMPONENTS OF ITS SURFACE FREE ENERGY. Soil Science, 1990, 150, 753-762.	0.9	8
102	Influence of Dodecylamine Chloride on the Surface Free Energy of Kaolinite. Clays and Clay Minerals, 1990, 38, 53-56.	1.3	8
103	Surface and volume properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide. Journal of Colloid and Interface Science, 2009, 330, 467-473.	9.4	8
104	Critical micelle concentration, composition and thermodynamic properties of n-octyl-Î²-d-glucopyranoside and sodium dodecylsulfate mixed micelles. Journal of Molecular Liquids, 2019, 286, 110748.	4.9	8
105	Mutual influence of ethanol and surfactin on their wetting and adhesion properties. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127161.	4.7	8
106	Effect of fluorocarbon surfactants on the adsorption of hydrocarbon surfactants mixture at the water-air interface. Journal of Molecular Liquids, 2022, 345, 117832.	4.9	8
107	Influence of n-alkanes on wettability and zeta potential of quartz. Materials Chemistry and Physics, 1985, 12, 367-375.	4.0	7
108	Wettability of Cholesterol by Bile Salt Solutions. Langmuir, 1994, 10, 1012-1017.	3.5	7

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109	Aggregation properties of the cetyltrimethylammonium bromide and Triton X-100 mixture with ethanol in aqueous media. Fluid Phase Equilibria, 2013, 356, 168-175.	2.5	7
110	Correlation between adhesion of aqueous solutions of nonionic and anionic surfactant mixture with short-chain alcohols to polymer surface and their adsorption at interfaces. II. Critical surface tension of polymer wetting and work of adhesion. International Journal of Adhesion and Adhesives, 2017, 74, 194-199.	2.9	7
111	Components of surface free energy of cholesterol in the presence of bile salts. Colloids and Surfaces, 1992, 62, 263-272.	0.9	6
112	The destruction time of the sediment column structure as a method for studying the dispersion system. Powder Technology, 2000, 113, 1-8.	4.2	6
113	Influence of the propanol on the behaviour of binary mixture of nonionic surfactants at the waterâ€“air interface. Journal of Molecular Liquids, 2014, 199, 196-201.	4.9	6
114	The Use of Canola Oil, n-Hexane, and Ethanol Mixtures in a Diesel Engine. SAE International Journal of Fuels and Lubricants, 0, 14, .	0.2	6
115	Adsorption Properties of Hydrocarbon and Fluorocarbon Surfactants Ternary Mixture at the Water-Air Interface. Molecules, 2021, 26, 4313.	3.8	6
116	Adsorption Properties and Composition of Binary Kolliphor Mixtures at the Waterâ€“Air Interface at Different Temperatures. Molecules, 2022, 27, 877.	3.8	6
117	Prediction of Aqueous Solution Surface Tension of Some Surfactant Mixtures and Composition of Their Monolayers at the Solutionâ€”Air Interface. Colloids and Interfaces, 2021, 5, 53.	2.1	6
118	Influence of ethyl xanthate on the wettability and surface free energy of galena. Applied Surface Science, 1997, 120, 35-42.	6.1	5
119	Adsorption of mixtures of sodium dodecyl sulphate and propanol at waterâ€“air and polytetrafluoroethyleneâ€“water interfaces. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2004, 249, 73-77.	4.7	5
120	Importance of surface layers in solid surface free energy determination. Surface Innovations, 2014, 2, 173-183.	2.3	5
121	Behavior of hexadecyltrimethylammonium bromide and Triton X-100 mixture in the bulk phase of aqueous solution in the presence of methanol and propanol. Journal of Molecular Liquids, 2015, 211, 324-331.	4.9	5
122	Surface and volumetric properties of n-octyl-Î²-d-glucopyranoside and rhamnolipid mixture. Journal of Molecular Liquids, 2016, 219, 801-809.	4.9	5
123	Properties of n-octyl-Î²-d-glucopyranoside and sodium dodecylsulfate mixed monolayer at the water-air interface. Journal of Molecular Liquids, 2019, 280, 259-267.	4.9	5
124	Influence of ethyl xanthate on the wettability and surface free energy of synthetic chalcocite. Powder Technology, 1998, 95, 234-239.	4.2	4
125	Composition of Surface Layer at the Waterâ€“Air Interface and Micelles of Triton X-100Â+ÂRhamnolipid Mixtures. Journal of Solution Chemistry, 2017, 46, 1251-1271.	1.2	4
126	Modification of Canola Oil Physicochemical Properties by Hexane and Ethanol with Regards of Its Application in Diesel Engine. Energies, 2021, 14, 4469.	3.1	4

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127	Influence of n-alkanes on wetting of coal and adhesion of water and air bubbles to coal surface. The Chemical Engineering Journal, 1989, 42, 57-62.	0.3	3
128	Correlation between floatation activity of coal, the contact angle and stability of the coal/n-alkane filmâ€"air bubble-water system. The Chemical Engineering Journal, 1989, 42, 63-67.	0.3	3
129	The influence of oxidation degree of galena surface and of ethyl xanthate on the stability of galena-air aggregates. Powder Technology, 1993, 75, 43-48.	4.2	3
130	Adsorption of Triton X-100 and cetyltrimethylammonium bromide mixture with ethanol at nylon-6â€"solution interface with regard to nylon-6 wettability: II. Work of adhesion and activity of surfactants at interfaces. Adsorption, 2013, 19, 445-453.	3.0	3
131	Wettability of polytetrafluoroethylene and polymethyl methacrylate by aqueous solutions of TX-100 and TX-165 mixture with propanol. Journal of Adhesion Science and Technology, 2015, 29, 1081-1095.	2.6	3
132	Correlation between adhesion of aqueous solutions of nonionic and anionic surfactant mixture with short-chain alcohols to polymer surface and their adsorption at interfaces. I. Adhesion tension and adsorption. International Journal of Adhesion and Adhesives, 2017, 74, 200-206.	2.9	3
133	Mutual Influence of Some Flavonoids and Classical Nonionic Surfactants on Their Adsorption and Volumetric Properties at Different Temperatures. Molecules, 2022, 27, 2842.	3.8	3
134	ENRICHMENT OF GAS-FLAMING COAL BY THE AGGREGATIVE FLOTATION METHOD. Petroleum Science and Technology, 1991, 9, 117-135.	0.2	2
135	Adhesion of a coal grain to a coal grain in an alcohol. Journal of Adhesion Science and Technology, 2000, 14, 1665-1676.	2.6	2
136	Determination of the attachment and detachment forces in a coal grain/liquid/coal grain system by detachment experiments. Journal of Adhesion Science and Technology, 2001, 15, 1393-1401.	2.6	2
137	The effect of long chain alkanes on adhesion between silica particles. Journal of Adhesion Science and Technology, 2003, 17, 277-289.	2.6	2
138	Effect of ethanol on wetting and adhesion properties of rhamnolipid. International Journal of Adhesion and Adhesives, 2021, 110, 102955.	2.9	2
139	The influence of aqueous methanol film on the wettability of polytetrafluoroethylene. European Polymer Journal, 1990, 26, 599-602.	5.4	1
140	The surface free energy of low rank coals precovered with diacetone alcohol. Fuel, 1992, 71, 708-711.	6.4	1
141	Mutual influence of two nonionic surfactants mixture and propanol on their volumetric properties in aqueous solution. Journal of Molecular Liquids, 2014, 200, 305-310.	4.9	1
142	Wetting and adsorption properties of cetyltrimethylammonium bromide and Triton X-100 mixture with short-chain alcohol in polymerâ€"solutionâ€"air system. Journal of Adhesion Science and Technology, 2016, 30, 729-746.	2.6	1
143	Comparison of Components and Parameters of Some Sulfide Minerals Surface Tension with Regards to Stability of Mineral-Air Bubble System. Physicochemical Problems of Mineral Processing, 0, , .	0.4	1
144	Influence of N-alkanes on contact angle and flotability of quartz. Journal of Materials Science, 1990, 25, 1353-1356.	3.7	0

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145	The stability of coal/n-alkane filmâ€”air bubbleâ€”water systems and froth flotation of coal. Powder Technology, 1991, 67, 223-228.	4.2	0
146	Interaction of Silica Particles Through a Liquid. Journal of Adhesion Science and Technology, 2008, 22, 111-120.	2.6	0