

# Bronislaw Xl;law Janczuk

## List of Publications by Citations

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144  
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44  
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146  
ext. papers

2,995  
ext. citations

5.1  
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5.48  
L-index

#	Paper	IF	Citations
144	Some Remarks on the Components of the Liquid Surface Free Energy. <i>Journal of Colloid and Interface Science</i> , <b>1999</b> , 211, 96-103	9.3	146
143	On the Consistency of Surface Free Energy Components as Calculated from Contact Angles of Different Liquids: An Application to the Cholesterol Surface. <i>Journal of Colloid and Interface Science</i> , <b>1993</b> , 159, 421-428	9.3	103
142	The adsorption at solution-air interface and volumetric properties of mixtures of cationic and nonionic surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2007</b> , 293, 39-50	5.1	96
141	Critical micelle concentration of some surfactants and thermodynamic parameters of their micellization. <i>Fluid Phase Equilibria</i> , <b>2012</b> , 322-323, 126-134	2.5	89
140	The wettability of polytetrafluoroethylene and polymethyl methacrylate by aqueous solution of two cationic surfactants mixture. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 293, 172-80	9.3	74
139	Correlation between surface free energy of quartz and its wettability by aqueous solutions of nonionic, anionic and cationic surfactants. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 340, 243-8	9.3	68
138	Activity and thermodynamic parameters of some surfactants adsorption at the water-air interface. <i>Fluid Phase Equilibria</i> , <b>2012</b> , 318, 25-33	2.5	67
137	The properties of a binary mixture of nonionic surfactants in water at the water/air interface. <i>Langmuir</i> , <b>2007</b> , 23, 4972-81	4	65
136	RELATIONSHIP BETWEEN WETTING OF TEFLON BY CETYLTRIMETHYLAMMONIUM BROMIDE SOLUTION AND ADSORPTION. <i>European Polymer Journal</i> , <b>1997</b> , 33, 1093-1098	5.2	64
135	Wettability of polytetrafluoroethylene by aqueous solutions of two anionic surfactant mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2003</b> , 268, 200-7	9.3	60
134	Determination of CTAB CMC in mixed water + short-chain alcohol solvent by surface tension, conductivity, density and viscosity measurements. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 424, 81-88	5.1	58
133	Volumetric and Surface Properties of Short Chain Alcohols in Aqueous Solution-Air Systems at 293K. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 2226-2245	1.8	50
132	Components of Surface Free Energy of Some Clay Minerals. <i>Clays and Clay Minerals</i> , <b>1988</b> , 36, 243-248	2.1	48
131	Interpretation of contact angle in solid-hydrocarbon-water system. <i>Journal of Colloid and Interface Science</i> , <b>1983</b> , 95, 268-270	9.3	47
130	Wettability of a polytetrafluoroethylene surface by an aqueous solution of two nonionic surfactant mixtures. <i>Langmuir</i> , <b>2007</b> , 23, 8740-6	4	46
129	Some remarks on the solid surface tension determination from contact angle measurements. <i>Applied Surface Science</i> , <b>2017</b> , 405, 88-101	6.7	44
128	Thermodynamic properties of rhamnolipid micellization and adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 119, 22-9	6	43

127	Surface Properties of Gelatin Films. <i>Langmuir</i> , <b>2002</b> , 18, 9462-9468	4	40
126	Surface free energy of cholesterol and bile salts from contact angles. <i>Journal of Colloid and Interface Science</i> , <b>1992</b> , 151, 333-342	9.3	37
125	Wettability, adhesion, adsorption and interface tension in the polymer/surfactant aqueous solution system. I. Critical surface tension of polymer wetting and its surface tension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 402, 132-138	5.1	35
124	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. <i>Applied Surface Science</i> , <b>2010</b> , 257, 1034-1042	6.7	34
123	The surface tension components of aqueous alcohol solutions. <i>Colloids and Surfaces</i> , <b>1989</b> , 36, 391-403		34
122	Wettability of a glass surface in the presence of two nonionic surfactant mixtures. <i>Langmuir</i> , <b>2008</b> , 24, 7755-60	4	33
121	The properties of mixtures of two anionic surfactants in water at the water   air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2003</b> , 220, 61-68	5.1	33
120	The properties of mixtures of two cationic surfactants in water at water/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2005</b> , 264, 147-156	5.1	31
119	Surface tension of polytetrafluoroethylene and its wetting by aqueous solution of some surfactants and their mixtures. <i>Applied Surface Science</i> , <b>2017</b> , 392, 117-125	6.7	30
118	The wettability of polytetrafluoroethylene by aqueous solution of cetyltrimethylammonium bromide and Triton X-100 mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2006</b> , 303, 319-25	9.3	30
117	Detachment force of air bubble from the solid surface (sulfur or graphite) in water. <i>Journal of Colloid and Interface Science</i> , <b>1983</b> , 93, 411-418	9.3	30
116	Thermodynamic parameters of some biosurfactants and surfactants adsorption at water-air interface. <i>Journal of Molecular Liquids</i> , <b>2017</b> , 243, 236-244	6	29
115	Wettability, adhesion, adsorption and interface tension in the polymer/surfactant aqueous solution system: II. Work of adhesion and adsorption of surfactant at polymer/solution and solution/air interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2012</b> , 402, 139-145	5.1	28
114	Components of the surface free energy of low rank coals in the presence of n-alkanes. <i>Powder Technology</i> , <b>1996</b> , 86, 229-238	5.2	28
113	The wettability of a cellulose acetate membrane in the presence of bovine serum albumin. <i>Applied Surface Science</i> , <b>2002</b> , 201, 146-153	6.7	26
112	The changes of the surface free energy of the adsorptive gelatin films. <i>European Polymer Journal</i> , <b>2001</b> , 37, 1047-1051	5.2	26
111	Correlation between wetting, adhesion and adsorption in the polymer/aqueous solutions of ternary surfactant mixtures/air systems. <i>Applied Surface Science</i> , <b>2014</b> , 288, 488-496	6.7	25
110	Components and parameters of liquids and some polymers surface tension at different temperature. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 529, 864-875	5.1	25

109	Wettability and surface free energy of bovine serum albumin films. <i>Journal of Surfactants and Detergents</i> , <b>2001</b> , 4, 287-292	1.9	22
108	Thermodynamic properties of adsorption and micellization of n-oktyl- $\beta$ -D-glucopiranoside. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2014</b> , 114, 170-6	6	21
107	The role of adsorption of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide surfactants in wetting of polytetrafluoroethylene and poly(methyl methacrylate) surfaces. <i>Applied Surface Science</i> , <b>2009</b> , 255, 3623-3628	6.7	21
106	Behavior of cationic surfactants and short chain alcohols in mixed surface layers at water-air and polymer-water interfaces with regard to polymer wettability. I. Adsorption at water-air interface. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 349, 374-83	9.3	21
105	Behavior of cationic surfactants and short-chain alcohols in mixed surface layers at water-air and polymer-water interfaces with regard to polymer wettability II. Wettability of polymers. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 350, 568-76	9.3	21
104	Effect of anionic surfactant and short-chain alcohol mixtures on adsorption at quartz/water and water/air interfaces and the wettability of quartz. <i>Journal of Colloid and Interface Science</i> , <b>2011</b> , 354, 396-404	9.3	20
103	The adsorption of cetyltrimethylammonium bromide and propanol mixtures with regard to wettability of polytetrafluoroethylene II. Adsorption at polytetrafluoroethylene-aqueous solution interface and wettability. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 318, 15-22	9.3	20
102	Adsorption and wetting properties of cationic, anionic and nonionic surfactants in the glass-aqueous solution of surfactant-air system. <i>Materials Chemistry and Physics</i> , <b>2015</b> , 162, 166-176	4.4	18
101	Volumetric properties of rhamnolipid and surfactin at different temperatures. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 255, 562-571	6	18
100	Wettability of polymers by aqueous solution of binary surfactants mixture with regard to adhesion in polymer/solution system II. Critical surface tension of polymers wetting and work of adhesion. <i>International Journal of Adhesion and Adhesives</i> , <b>2013</b> , 45, 106-111	3.4	18
99	The wettability of polytetrafluoroethylene by aqueous solutions of sodium dodecyl sulfate and propanol mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2005</b> , 281, 465-72	9.3	18
98	Adsorption and Aggregation Properties of Some Polysorbates at Different Temperatures. <i>Journal of Solution Chemistry</i> , <b>2018</b> , 47, 1824-1840	1.8	18
97	Effect of two hydrocarbon and one fluorocarbon surfactant mixtures on the surface tension and wettability of polymers. <i>Journal of Colloid and Interface Science</i> , <b>2014</b> , 417, 180-7	9.3	17
96	Wetting Behavior of Aqueous Solutions of Binary Surfactant Mixtures to Poly(tetrafluoroethylene). <i>Journal of Adhesion Science and Technology</i> , <b>2008</b> , 22, 1145-1157	2	17
95	Changes of n-heptane film pressure, contact angle and detachment force in sulfur/n-heptane/air/water system. <i>Journal of Colloid and Interface Science</i> , <b>1983</b> , 94, 570-572	9.3	17
94	The effect of n-alkanes on the force of air bubble detachment from the surface of graphite in water. <i>Journal of Colloid and Interface Science</i> , <b>1985</b> , 108, 541-548	9.3	17
93	Macroscopic and Microscopic Properties of Some Surfactants and Biosurfactants. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	17
92	Adhesion of canola and diesel oils to some parts of diesel engine in the light of surface tension components and parameters of these substrates. <i>International Journal of Adhesion and Adhesives</i> , <b>2015</b> , 60, 23-30	3.4	16

91	Surface Tension of Polytetrafluoroethylene and Polymethyl Methacrylate under the Influence of the Fluorocarbon Surfactant Film. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2012</b> , 51, 14076-14083	3.9	16
90	Thermodynamics of micellization of aqueous solutions of binary mixtures of two anionic surfactants. <i>Langmuir</i> , <b>2009</b> , 25, 4377-83	4	16
89	Wettability of quartz by aqueous solution of cationic surfactants and short chain alcohols mixtures. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 124, 569-574	4.4	16
88	Adhesion work and wettability of polytetrafluoroethylene and poly(methyl methacrylate) by aqueous solutions of cetyltrimethylammonium bromide and Triton X-100 mixture with ethanol. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 404, 201-6	9.3	15
87	Adsorption of sodium bis(2-ethylhexyl) sulfosuccinate and wettability in polytetrafluoroethylene solution-air system. <i>Applied Surface Science</i> , <b>2007</b> , 253, 7166-7171	6.7	15
86	Adsorption of cetyltrimethylammonium bromide and propanol mixtures with regard to wettability of polytetrafluoroethylene. I. Adsorption at aqueous solution-air interface. <i>Journal of Colloid and Interface Science</i> , <b>2008</b> , 317, 44-53	9.3	15
85	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. <i>Fuel</i> , <b>1990</b> , 69, 207-210	7.1	15
84	Influence of Exchangeable Cations on the Surface Free Energy of Kaolinite as Determined from Contact Angles. <i>Clays and Clay Minerals</i> , <b>1989</b> , 37, 269-272	2.1	15
83	Wetting and adhesion properties of rhamnolipid and surfactin. <i>International Journal of Adhesion and Adhesives</i> , <b>2018</b> , 84, 275-282	3.4	14
82	Synthesis, spectroscopic studies, aggregation and surface behavior of hexamethylene-1,6-bis(N,N-dimethyl-N-dodecylammonium bromide). <i>Journal of Molecular Liquids</i> , <b>2016</b> , 221, 1086-1096	6	14
81	Mutual influence of cetyltrimethylammonium bromide and Triton X-100 on their adsorption at the water-air interface. <i>Journal of Chemical Thermodynamics</i> , <b>2013</b> , 59, 35-42	2.9	14
80	Modification of adsorption, aggregation and wetting properties of surfactants by short chain alcohols. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 284, 102249	14.3	14
79	Components and parameters of solid/surfactant layer surface tension. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2017</b> , 522, 461-469	5.1	13
78	Adsorption of sodium dodecyl sulphate and propanol mixtures at aqueous solution-air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 244, 1-7	5.1	13
77	Determination of the galena surface free energy components from contact angle measurements. <i>Materials Chemistry and Physics</i> , <b>1992</b> , 31, 235-241	4.4	13
76	Behaviour of cetyltrimethylammonium bromide, Triton X-100 and Triton X-114 in mixed monolayer at the (water-air) interface. <i>Journal of Chemical Thermodynamics</i> , <b>2014</b> , 69, 85-92	2.9	12
75	Behavior of Anionic Surfactants and Short Chain Alcohols Mixtures in the Monolayer at the Water-Air Interface. <i>Journal of Surfactants and Detergents</i> , <b>2011</b> , 14, 257-267	1.9	12
74	Wettability of quartz in presence of nonionic surfactants and short chain alcohols mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2010</b> , 343, 594-601	9.3	12

73	Surface free energy of some lead compounds compared to galena. <i>Materials Chemistry and Physics</i> , <b>1994</b> , 37, 64-67	4.4	12
72	Surface free energy of celestite and its flotation activity. <i>Colloids and Surfaces</i> , <b>1989</b> , 35, 41-48		12
71	Influence of polyacrylamide on the surface free energy and wettability of a chernozem soil. <i>Geoderma</i> , <b>1991</b> , 50, 173-184	6.7	12
70	Surface, Volumetric, and Wetting Properties of Oleic, Linoleic, and Linolenic Acids with Regards to Application of Canola Oil in Diesel Engines. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3445	2.6	11
69	The wettability of poly(tetrafluoroethylene) by aqueous solutions of ternary surfactant mixtures. <i>Applied Surface Science</i> , <b>2010</b> , 256, 7478-7483	6.7	11
68	Wettability and surface free energy of glass in the presence of cetyltrimethylammonium bromide. <i>Materials Chemistry and Physics</i> , <b>1999</b> , 58, 166-171	4.4	11
67	The mechanism of adsorption of sodium dodecylsulfonate on fluorite and its surface free energy. <i>Applied Surface Science</i> , <b>1996</b> , 103, 395-402	6.7	11
66	Adsorption of Binary Mixtures of Anionic Surfactants at Water/Air and Poly(Tetrafluoroethylene)/Water Interfaces. <i>Journal of Surfactants and Detergents</i> , <b>2010</b> , 13, 207-215	1.9	10
65	Properties of some nonionic fluorocarbon surfactants and their mixtures with hydrocarbon ones. <i>Advances in Colloid and Interface Science</i> , <b>2021</b> , 292, 102421	14.3	10
64	Effect of Polysorbates on Solids Wettability and Their Adsorption Properties. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 26	3	10
63	Influence of short chain alcohols on adsorption of sodium dodecylsulfate and Triton X-100 mixture at solution/air interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 464, 57-64	5.1	9
62	Behavior of cetyltrimethylammonium bromide and Triton X-100 mixture at solution/air interface in presence of short-chain alcohols. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2014</b> , 454, 65-73	5.1	9
61	Wettability of polymers by aqueous solution of binary surfactants mixture with regard to adhesion in polymer/solution system I Correlation between the adsorption of surfactants mixture and contact angle. <i>International Journal of Adhesion and Adhesives</i> , <b>2013</b> , 45, 98-105	3.4	9
60	Wettability of Polymeric Solids by Aqueous Solutions of Anionic and Nonionic Surfactant Mixtures. <i>Journal of Adhesion Science and Technology</i> , <b>2011</b> , 25, 2641-2657	2	9
59	Hyaluronan/lecithin foils and their properties. <i>Materials Chemistry and Physics</i> , <b>2006</b> , 95, 99-104	4.4	9
58	Determination of porous glass surface free energy components from contact angles. <i>Journal of Materials Science</i> , <b>1990</b> , 25, 1682-1685	4.3	9
57	Adsorption properties of rhamnolipid and ethanol at water/ethanol solution-air interface. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 308, 113080	6	9
56	Wetting and adsorption properties of n-octyl-β-D-glucopyranoside and monorhamnolipid in the system polytetrafluoroethylene/solution/air. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 486, 114-123	5.1	8

55	Behavior of Cetyltrimethylammonium Bromide, tert-Octylphenol (9.5 EO) Ethoxylate and Ethanol Mixtures at the Water/Air Interface. <i>Journal of Surfactants and Detergents</i> , <b>2013</b> , 16, 203-212	1.9	8
54	Adsorption of Triton X-100 and cetyltrimethylammonium bromide mixture with ethanol at nylon-6/olution interface with regard to nylon-6 wettability: I. The effect of adsorption on critical surface tension of nylon-6 wetting. <i>Adsorption</i> , <b>2013</b> , 19, 435-444	2.6	8
53	Volumetric properties of sodium dodecylsulfate and Triton X-100 mixture with short-chain alcohol in aqueous solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 480, 270-278	5.1	8
52	Surface and volume properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide I. Surface properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 331, 494-9	9.3	8
51	Adsorption and Aggregation Activity of Sodium Dodecyl Sulfate and Rhamnolipid Mixture. <i>Journal of Surfactants and Detergents</i> , <b>2017</b> , 20, 411-423	1.9	7
50	Wettability and Adhesion Work Prediction in the Polymer/Aqueous Solution of Surface Active Agent Systems. <i>Colloids and Interfaces</i> , <b>2018</b> , 2, 21	3	7
49	The role of adsorption of sodium bis(2-ethylhexyl) sulfosuccinate in wetting of glass and poly(methyl methacrylate) surface. <i>Applied Surface Science</i> , <b>2008</b> , 254, 2825-2830	6.7	7
48	Wettability of Cholesterol by Bile Salt Solutions. <i>Langmuir</i> , <b>1994</b> , 10, 1012-1017	4	7
47	Influence of n-alkanes on wettability and zeta potential of quartz. <i>Materials Chemistry and Physics</i> , <b>1985</b> , 12, 367-375	4.4	7
46	Wetting properties of Saponaria officinalis saponins. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2020</b> , 584, 123980	5.1	7
45	Critical micelle concentration, composition and thermodynamic properties of n-octyl- $\beta$ -D-glucopyranoside and sodium dodecylsulfate mixed micelles. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 286, 110748	6	6
44	Aggregation properties of the cetyltrimethylammonium bromide and Triton X-100 mixture with ethanol in aqueous media. <i>Fluid Phase Equilibria</i> , <b>2013</b> , 356, 168-175	2.5	6
43	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. <i>International Journal of Adhesion and Adhesives</i> , <b>2017</b> , 74, 104-109	3.4	6
42	Surface and volume properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide: II. Volumetric properties of dodecylethyldimethylammonium bromide and benzyldimethyldodecylammonium bromide. <i>Journal of Colloid and Interface Science</i> , <b>2009</b> , 330, 467-73	9.3	6
41	HYDROPHOBIZATION OF THE SOIL BY DODECYLAMMONIUM HYDROCHLORIDE AND CHANGES OF THE COMPONENTS OF ITS SURFACE FREE ENERGY. <i>Soil Science</i> , <b>1990</b> , 150, 753-762	0.9	6
40	Influence of Dodecylamine Chloride on the Surface Free Energy of Kaolinite. <i>Clays and Clay Minerals</i> , <b>1990</b> , 38, 53-56	2.1	6
39	Adsorption of surfactin at water with ethanol mixture-air interface. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 300, 112240	6	6
38	Behavior of hexadecyltrimethylammonium bromide and Triton X-100 mixture in the bulk phase of aqueous solution in the presence of methanol and propanol. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 211, 324-331	6	5

37	Adsorption of mixtures of sodium dodecyl sulphate and propanol at water-air and polytetrafluoroethylene-water interfaces. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2004</b> , 249, 73-77	5.1	5
36	The destruction time of the sediment column structure as a method for studying the dispersion system. <i>Powder Technology</i> , <b>2000</b> , 113, 1-8	5.2	5
35	Components of surface free energy of cholesterol in the presence of bile salts. <i>Colloids and Surfaces</i> , <b>1992</b> , 62, 263-272		5
34	Properties of n-octyl- $\beta$ -glucopyranoside and sodium dodecylsulfate mixed monolayer at the water-air interface. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 280, 259-267	6	5
33	Surface and volumetric properties of n-octyl- $\beta$ -glucopyranoside and rhamnolipid mixture. <i>Journal of Molecular Liquids</i> , <b>2016</b> , 219, 801-809	6	4
32	Influence of the propanol on the behaviour of binary mixture of nonionic surfactants at the water-air interface. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 199, 196-201	6	4
31	Importance of surface layers in solid surface free energy determination. <i>Surface Innovations</i> , <b>2014</b> , 2, 173-183	1.9	4
30	Influence of ethyl xanthate on the wettability and surface free energy of galena. <i>Applied Surface Science</i> , <b>1997</b> , 120, 35-42	6.7	4
29	Adsorption Properties and Composition of Binary Kolliphor Mixtures at the Water-Air Interface at Different Temperatures.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	4
28	Wettability of polytetrafluoroethylene and polymethyl methacrylate by aqueous solutions of TX-100 and TX-165 mixture with propanol. <i>Journal of Adhesion Science and Technology</i> , <b>2015</b> , 29, 1081-1095	2.95	3
27	Combustion Process of Canola Oil and n-Hexane Mixtures in Dynamic Diesel Engine Operating Conditions. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 80	2.6	3
26	Adsorption of Triton X-100 and cetyltrimethylammonium bromide mixture with ethanol at nylon-6/olulution interface with regard to nylon-6 wettability: II. Work of adhesion and activity of surfactants at interfaces. <i>Adsorption</i> , <b>2013</b> , 19, 445-453	2.6	3
25	Influence of ethyl xanthate on the wettability and surface free energy of synthetic chalcocite. <i>Powder Technology</i> , <b>1998</b> , 95, 234-239	5.2	3
24	The influence of oxidation degree of galena surface and of ethyl xanthate on the stability of galena-air aggregates. <i>Powder Technology</i> , <b>1993</b> , 75, 43-48	5.2	3
23	Influence of n-alkanes on wetting of coal and adhesion of water and air bubbles to coal surface. <i>The Chemical Engineering Journal</i> , <b>1989</b> , 42, 57-62		3
22	Correlation between floatation activity of coal, the contact angle and stability of the coal/n-alkane film-air bubble-water system. <i>The Chemical Engineering Journal</i> , <b>1989</b> , 42, 63-67		3
21	Adsorption Properties of Hydrocarbon and Fluorocarbon Surfactants Ternary Mixture at the Water-Air Interface. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
20	Composition of Surface Layer at the Water-Air Interface and Micelles of Triton X-100-Rhamnolipid Mixtures. <i>Journal of Solution Chemistry</i> , <b>2017</b> , 46, 1251-1271	1.8	2



19	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. <i>International Journal of Adhesion and Adhesives</i> , <b>2017</b> , 74, 200-206	3.4	2
18	Determination of the attachment and detachment forces in a coal grain/liquid/coal grain system by detachment experiments. <i>Journal of Adhesion Science and Technology</i> , <b>2001</b> , 15, 1393-1401	2	2
17	ENRICHMENT OF GAS-FLAMING COAL BY THE AGGREGATIVE FLOTATION METHOD. <i>Petroleum Science and Technology</i> , <b>1991</b> , 9, 117-135		2
16	Prediction of Aqueous Solution Surface Tension of Some Surfactant Mixtures and Composition of Their Monolayers at the Solution-Air Interface. <i>Colloids and Interfaces</i> , <b>2021</b> , 5, 53	3	2
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