

Emil Chibowski

List of Publications by Citations

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32
papers

2,018
citations

17
h-index

34
g-index

34
ext. papers

2,348
ext. citations

4.7
avg, IF

5.46
L-index

#	Paper	IF	Citations
32	Hydrophilic and superhydrophilic surfaces and materials. <i>Soft Matter</i> , 2011 , 7, 9804	3.6	580
31	Synthesis of hydroxyapatite for biomedical applications. <i>Advances in Colloid and Interface Science</i> , 2017 , 249, 321-330	14.3	299
30	Surface free energy of a solid from contact angle hysteresis. <i>Advances in Colloid and Interface Science</i> , 2003 , 103, 149-72	14.3	231
29	Effects of a static magnetic field on water and electrolyte solutions. <i>Journal of Colloid and Interface Science</i> , 2007 , 316, 996-1002	9.3	135
28	Contact angles: history of over 200 years of open questions. <i>Surface Innovations</i> , 2020 , 8, 3-27	1.9	89
27	Zeta potential and surface charge of DPPC and DOPC liposomes in the presence of PLC enzyme. <i>Adsorption</i> , 2016 , 22, 755-765	2.6	83
26	Magnetic water treatment-A review of the latest approaches. <i>Chemosphere</i> , 2018 , 203, 54-67	8.4	76
25	On the use of Washburn's equation for contact angle determination. <i>Journal of Adhesion Science and Technology</i> , 1997 , 11, 1289-1301	2	59
24	Solid surface free energy components determination by the thin-layer wicking technique. <i>Journal of Adhesion Science and Technology</i> , 1992 , 6, 1069-1090	2	56
23	Surface free energy of sulfur--revisited I. Yellow and orange samples solidified against glass surface. <i>Journal of Colloid and Interface Science</i> , 2008 , 319, 505-13	9.3	53
22	Surface properties of Ti-6Al-4V alloy part I: Surface roughness and apparent surface free energy. <i>Materials Science and Engineering C</i> , 2017 , 70, 207-215	8.3	43
21	Adhesion of in situ precipitated calcium carbonate in the presence and absence of magnetic field in quiescent conditions on different solid surfaces. <i>Water Research</i> , 2003 , 37, 4685-92	12.5	41
20	Influence of sodium dodecyl sulfate and static magnetic field on the properties of freshly precipitated calcium carbonate. <i>Langmuir</i> , 2005 , 21, 8114-22	4	37
19	Comparison of contact angle hysteresis of different probe liquids on the same solid surface. <i>Colloid and Polymer Science</i> , 2013 , 291, 391-399	2.4	32
18	Surface Free Energy, Adsorption and Zeta Potential in Leacril/Tannic Acid System. <i>Langmuir</i> , 1998 , 14, 5237-5244	4	30
17	Determination of Surface Free Energy of Kaolinite. <i>Clays and Clay Minerals</i> , 1988 , 36, 455-461	2.1	28
16	Apparent Surface Free Energy of Superhydrophobic Surfaces. <i>Journal of Adhesion Science and Technology</i> , 2011 , 25, 1323-1336	2	21

15	Investigation of the electrokinetic properties of paraffin suspension. 1. In inorganic electrolyte solutions. <i>Langmuir</i> , 2005 , 21, 4347-55	4	17
14	Properties of Langmuir and solid supported lipid films with sphingomyelin. <i>Advances in Colloid and Interface Science</i> , 2015 , 222, 385-97	14.3	16
13	Surface modification of glass plates and silica particles by phospholipid adsorption. <i>Journal of Colloid and Interface Science</i> , 2011 , 353, 281-9	9.3	15
12	Influence of Exchangeable Cations on the Surface Free Energy of Kaolinite as Determined from Contact Angles. <i>Clays and Clay Minerals</i> , 1989 , 37, 269-272	2.1	15
11	Influence of Magnetic Field on Evaporation Rate and Surface Tension of Water. <i>Colloids and Interfaces</i> , 2018 , 2, 68	3	15
10	Zeta potential and surface free energy changes of solid-supported phospholipid (DPPC) layers caused by the enzyme phospholipase A2 (PLA2). <i>Adsorption</i> , 2009 , 15, 211-219	2.6	13
9	Investigation of the electrokinetic properties of paraffin suspension. 2. In cationic and anionic surfactant solutions. <i>Langmuir</i> , 2005 , 21, 7662-71	4	7
8	Effect of an external radiofrequency electric field on the surface free energy components of calcium carbonate in the presence of cationic and anionic surfactants. <i>Journal of Adhesion Science and Technology</i> , 1999 , 13, 1103-1117	2	7
7	Influence of Dodecylamine Chloride on the Surface Free Energy of Kaolinite. <i>Clays and Clay Minerals</i> , 1990 , 38, 53-56	2.1	6
6	Application of thin-layer wicking method for surface free energy determination. <i>Surface Innovations</i> , 2017 , 5, 9-20	1.9	5
5	Parameters determining the deposition of calcium carbonate into a glass capillary. <i>Journal of Adhesion Science and Technology</i> , 1994 , 8, 181-193	2	5
4	Wettability of Powders 2017 , 23-49		4
3	Model study of biostability of DPPC layers deposited by LB/LS on Ti6Al4V alloy. <i>Surface Innovations</i> , 2017 , 5, 34-42	1.9	0
2	Influence of N-alkanes on contact angle and flotability of quartz. <i>Journal of Materials Science</i> , 1990 , 25, 1353-1356	4.3	
1	Magnetic Field Effects on Aqueous Anionic and Cationic Surfactant Solutions Part I: Water Evaporation 2019 , 7-13		