# ElÅ¼bieta GrzÄdka

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 42 papers | 647 citations | 516710 16 h-index | 610901 24 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 688 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | The influence of fucoidan on stability, adsorption and electrokinetic properties of ZnO and TiO2 suspensions. Applied Nanoscience (Switzerland), 2022, 12, 919-927. | 3.1 | 5 |
| 2 | Accumulation of radioisotopes and heavy metals in selected species of mushrooms. Food Chemistry, 2022, 367, 130670. | 8.2 | 17 |
| 3 | Comparison of the influence of cationic polysaccharides on the stability properties of montmorillonite suspensions in the presence of sodium dodecyl sulphate. Carbohydrate Polymers, 2022, 278, 118985. | 10.2 | 7 |
| 4 | Textural and Thermal Properties of the Novel Fucoidan/Nano-Oxides Hybrid Materials with Cosmetic, Pharmaceutical and Environmental Potential. International Journal of Molecular Sciences, 2022, 23, 805. | 4.1 | 7 |
| 5 | Interactions between Nanoclay, CTAB and Linear/Star Shaped Polymers. International Journal of Molecular Sciences, 2022, 23, 3051. | 4.1 | 2 |
| 6 | Influence of polysaccharides with different chemical character on stability of montmorillonite suspensions in the presence of pseudoamphoteric cocamidopropyl betaine. Journal of Molecular Liquids, 2022, 357, 119097. | 4.9 | 3 |
| 7 | The journey of tuning chitosan properties in colloidal systems: Interactions with surfactants in the bulk and on the alumina surface. Chemical Engineering Journal, 2022, 450, 138145. | 12.7 | 9 |
| 8 | Mixtures of cationic guar gum and anionic surfactants as stabilizers of zirconia suspensions. Journal of Molecular Liquids, 2021, 343, 117677. | 4.9 | 9 |
| 9 | Removal of hazardous oxide nanoparticles by the biopolymer flocculation in the presence of divalent salt. Chemical Engineering Journal, 2021, 423, 130264. | 12.7 | 16 |
| 10 | Influence of Zwitterionic CAPB on Flocculation of the Aqueous Cationic Guar Gum/Glauconite Suspensions at Various pH. International Journal of Molecular Sciences, 2021, 22, 12157. | 4.1 | 4 |
| 11 | Cationic starch as the effective flocculant of silica in the presence of different surfactants. Separation and Purification Technology, 2020, 234, 116132. | 7.9 | 19 |
| 12 | CMC as a stabiliser of metal oxide suspensions. Cellulose, 2020, 27, 2225-2236. | 4.9 | 20 |
| 13 | The influence of hydrocarbon, fluorinated and silicone surfactants on the adsorption, stability and electrokinetic properties of the Îº-carrageenan/alumina system. Journal of Molecular Liquids, 2020, 314, 113669. | 4.9 | 6 |
| 14 | Stabilizing properties of fucoidan for the alumina suspension containing the cationic surfactant. Carbohydrate Polymers, 2020, 245, 116523. | 10.2 | 8 |
| 15 | Alginic acid as a stabilizer of zirconia suspensions in the presence of cationic surfactants. Carbohydrate Polymers, 2020, 246, 116634. | 10.2 | 10 |
| 16 | Changes in the CMC/ZrO2 system properties in the presence of hydrocarbon, fluorocarbon and silicone surfactants. Journal of Molecular Liquids, 2020, 303, 112699. | 4.9 | 3 |
| 17 | Interactions between fluorocarbon surfactants and polysaccharides. Journal of Molecular Liquids, 2019, 283, 81-90. | 4.9 | 17 |
| 18 | Complexes of fluorinated, silicone and hydrocarbon surfactants with carboxymethylcellulose and their influence on properties of the alumina suspension. Colloid and Polymer Science, 2019, 297, 677-687. | 2.1 | 11 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Influence of Magnetic Field on Adsorption of Polyacrylic Acid (PAA) on SiO2. Colloid Journal, 2019, 81, 728-732. | 1.3 | 0 |
| 20 | Factors influencing the stability of the 2-hydroxyethyl cellulose/alumina system. Cellulose, 2018, 25, 2839-2847. | 4.9 | 10 |
| 21 | Stability, adsorption and electrokinetic properties of the chitosan/silica system. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 554, 245-252. | 4.7 | 20 |
| 22 | The effect of ionic and non-ionic surfactants and pH on the stability, adsorption and electrokinetic properties of the alginic acid/alumina system. Carbohydrate Polymers, 2017, 175, 192-198. | 10.2 | 20 |
| 23 | Factors influencing the stability of the polysucrose/alumina system. Colloid and Polymer Science, 2015, 293, 2845-2853. | 2.1 | 7 |
| 24 | Interactions between kappa-carrageenan and some surfactants in the bulk solution and at the surface of alumina. Carbohydrate Polymers, 2015, 123, 1-7. | 10.2 | 14 |
| 25 | Adsorption and electrokinetic properties in the system: Beta-cyclodextrin/alumina in the presence of ionic and non-ionic surfactants. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2015, 481, 261-268. | 4.7 | 11 |
| 26 | Study on the influence of surfactants on the adsorption and electrokinetic properties of the system: Cationic starch/alumina. Fluid Phase Equilibria, 2015, 401, 48-55. | 2.5 | 7 |
| 27 | Adsorption, Electrokinetic and Stabilizing Properties of the Guar Gum/Surfactant/Alumina System. Journal of Surfactants and Detergents, 2015, 18, 445-453. | 2.1 | 9 |
| 28 | Stability of manganese dioxide by guar gum in the absence or presence of surfactants. Cellulose, 2014, 21, 1641-1654. | 4.9 | 10 |
| 29 | Investigations of the properties of the manganese dioxide suspensions in the presence of guar gum and carboxymethylcellulose. Materials Chemistry and Physics, 2014, 144, 361-368. | 4.0 | 5 |
| 30 | Comparison of adsorption affinity of polyacrylic acid for surfaces of mixed silicaâ€“alumina. Colloid and Polymer Science, 2014, 292, 699-705. | 2.1 | 98 |
| 31 | Influence of the solid type on the adsorption mechanism of nonionic polymers in the metal oxide/water solution systemâ€”temperature effect. Powder Technology, 2013, 246, 682-688. | 4.2 | 5 |
| 32 | Influence of surfactants on the adsorption and elektrokinetic properties of the system: guar gum/manganese dioxide. Cellulose, 2013, 20, 1313-1328. | 4.9 | 22 |
| 33 | The Adsorption Layer in the System: Carboxymethylcellulose/Surfactants/NaCl/MnO<sub>2</sub>. Journal of Surfactants and Detergents, 2012, 15, 513-521. | 2.1 | 23 |
| 34 | Adsorption and elektrokinetic properties of the system: carboxymethylcellulose/manganese oxide/surfactant. Cellulose, 2012, 19, 23-36. | 4.9 | 27 |
| 35 | Influence of surfactants on the structure of the adsorption layer in the system: Carboxymethylcellulose/alumina. Materials Chemistry and Physics, 2011, 126, 488-493. | 4.0 | 18 |
| 36 | Competitive adsorption in the system: carboxymethylcellulose/surfactant/electrolyte/Al2O3. Cellulose, 2011, 18, 291-308. | 4.9 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Adsorption of polyethyleneimine and polymethacrylic acid onto synthesized hematite. Journal of Colloid and Interface Science, 2009, 329, 1-10. | 9.4 | 35 |
| 38 | Comparison of the influence of a kind of electrolyte and its ionic strength on the adsorption and electrokinetic properties of the interface: Polyacrylic acid/MnO2/electrolyte solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 326, 191-203. | 4.7 | 19 |
| 39 | Adsorption of commercial, filtrated and fractionated polyethylene oxide onto hematite. Materials Chemistry and Physics, 2005, 92, 519-525. | 4.0 | 14 |
| 40 | Influence of the ionic strength on the adsorption properties of the system dispersed aluminium oxideâ€"polyacrylic acid. Materials Chemistry and Physics, 2005, 93, 262-271. | 4.0 | 40 |
| 41 | The effect of temperature on the adsorption and conformation of polyacrylic acid macromolecules at the ZrO2â€"polymer solution interface. Powder Technology, 2004, 141, 12-19. | 4.2 | 30 |
| 42 | Investigation of the Structure of Polyethylene Glycol (PEG) Layers Adsorbed at the Alumina-Polymer Solution Interface. Adsorption Science and Technology, 2004, 22, 385-392. | 3.2 | 1 |