

Konrad TerpiÅ,owski

List of Publications by Year in descending order

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68
papers

1,753
citations

394286

19
h-index

289141

40
g-index

70
all docs

70
docs citations

70
times ranked

2736
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of surface structure, electrokinetic and stability properties of highly dispersed Ho ₂ O ₃ –Yb ₂ O ₃ /SiO ₂ nanocomposites. Applied Nanoscience (Switzerland), 2022, 12, 553-564.	1.6	1
2	Surface Properties of Plasma-Activated Chitosan Foils. Colloids and Interfaces, 2022, 6, 6.	0.9	1
3	Physicochemical, Nutritional, Microstructural, Surface and Sensory Properties of a Model High-Protein Bars Intended for Athletes Depending on the Type of Protein and Syrup Used. International Journal of Environmental Research and Public Health, 2022, 19, 3923.	1.2	1
4	Influence of Air Cold Plasma Modification on the Surface Properties of Paper Used for Packaging Production. Applied Sciences (Switzerland), 2022, 12, 3242.	1.3	3
5	Effect of Various Surface Treatments on Wettability and Morphological Properties of Titanium Oxide Thin Films. Materials, 2022, 15, 4113.	1.3	2
6	What Can You Learn about Apparent Surface Free Energy from the Hysteresis Approach?. Colloids and Interfaces, 2021, 5, 4.	0.9	10
7	Effect of Sucrose on Physicochemical Properties of High-Protein Meringues Obtained from Whey Protein Isolate. Applied Sciences (Switzerland), 2021, 11, 4764.	1.3	19
8	Enhanced uranium removal from acidic wastewater by phosphonate-functionalized ordered mesoporous silica: Surface chemistry matters the most. Journal of Hazardous Materials, 2021, 413, 125279.	6.5	76
9	Surface properties of gluten deposited on cold plasma-activated glass. Food Hydrocolloids, 2021, 118, 106778.	5.6	8
10	Surface Properties of Silica–MWCNTs/PDMS Composite Coatings Deposited on Plasma Activated Glass Supports. Applied Sciences (Switzerland), 2021, 11, 9256.	1.3	3
11	Co-gelation of gluten and gelatin as a novel functional material formation method. Journal of Food Science and Technology, 2020, 57, 163-172.	1.4	13
12	The effect of native and polymerised whey protein isolate addition on surface and microstructural properties of processed cheeses and their meltability determined by Turbiscan. International Journal of Food Science and Technology, 2020, 55, 2179-2187.	1.3	23
13	Surface modification of albumin/gelatin films gelled on low-temperature plasma-treated polyethylene terephthalate plates. Plasma Processes and Polymers, 2020, 17, 1900171.	1.6	6
14	Stability of Chlorophyll a Monomer Incorporated into Cremophor EL Nano-Micelles under Dark and Moderate Light Conditions. Molecules, 2020, 25, 5059.	1.7	8
15	The effect of pH and ageing on the fate of CuO and ZnO nanoparticles in soils. Science of the Total Environment, 2020, 721, 137771.	3.9	30
16	Possibility of Using Fermented Curly Kale Juice to Manufacture Feta-Type Cheese. Applied Sciences (Switzerland), 2020, 10, 4020.	1.3	2
17	What Is the Value of Water Contact Angle on Silicon?. Materials, 2020, 13, 1554.	1.3	27
18	Surface properties of graphene and graphene/diamond composites located at a substrate with tungsten carbide doped by metals composites. Adsorption, 2019, 25, 513-520.	1.4	0

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19	Determination of Acoustical Parameters of Aqueous Solution of Kolliphors Binary Mixtures Using Density, Speed of Sound, Viscosity, and Surface Tension Measurements. <i>Journal of Surfactants and Detergents</i> , 2019, 22, 1163-1174.	1.0	1
20	Investigations of chromium(III) oxide removal from the aqueous suspension using the mixed flocculant composed of anionic and cationic polyacrylamides. <i>Journal of Hazardous Materials</i> , 2019, 368, 378-385.	6.5	14
21	Surface and rheological properties of egg white albumin/gelatin dispersions gelled on cold plasma-activated glass. <i>Food Hydrocolloids</i> , 2019, 96, 224-230.	5.6	13
22	Influence of bridged monomer on porosity and sorption properties of mesoporous silicas functionalized with diethylenetriamine groups. <i>Adsorption</i> , 2019, 25, 575-589.	1.4	8
23	Cremophor EL Nano-Emulsion Monomerizes Chlorophyll a in Water Medium. <i>Biomolecules</i> , 2019, 9, 881.	1.8	9
24	Equilibrium Contact Angle and Determination of Apparent Surface Free Energy Using Hysteresis Approach on Rough Surfaces. , 2018, , 331-347.		0
25	Hydrophobic properties of hexamethyldisilazane modified nanostructured silica films on glass: effect of plasma pre-treatment of glass and polycondensation features. <i>Materials Research Express</i> , 2018, 5, 016409.	0.8	12
26	Macro and micro wettability of hydrophobic siloxane films with hierarchical surface roughness. <i>Smart Materials and Structures</i> , 2018, 27, 075002.	1.8	4
27	Wettability of plasma modified glass surface with bioglass layer in polysaccharide solution. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 551, 185-194.	2.3	19
28	Influence of nitrogen plasma treatment on the wettability of polyetheretherketone and deposited chitosan layers. <i>Advances in Polymer Technology</i> , 2018, 37, 1557-1569.	0.8	36
29	Effect of gluten on the properties of ternary biopolymers based on gluten, whey protein concentrate, and kaolinite. <i>European Food Research and Technology</i> , 2018, 244, 623-633.	1.6	3
30	Effect of polyols on the DMPC lipid monolayers and bilayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 2166-2174.	1.4	10
31	Time-based changes in surface properties of poly(ethylene terephthalate) activated with air and argon-plasma treatments. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 558, 322-329.	2.3	8
32	Surface properties of metal alloys used in aviation after plasma treatment. <i>Surface and Interface Analysis</i> , 2017, 49, 647-653.	0.8	18
33	Nanooxide/Polymer Composites with Silica@PDMS and Ceria@Zirconia@Silica@PDMS: Textural, Morphological, and Hydrophilic/Hydrophobic Features. <i>Nanoscale Research Letters</i> , 2017, 12, 152.	3.1	25
34	Wettability and thermal analysis of hydrophobic poly(methyl methacrylate)/silica nanocomposites. <i>Adsorption Science and Technology</i> , 2017, 35, 560-571.	1.5	9
35	Surface properties of ion-induced whey protein gels deposited on cold plasma treated support. <i>Food Hydrocolloids</i> , 2017, 71, 17-25.	5.6	13
36	Turbidimetric studies of colloidal silica/aqueous solution system stability. <i>Surface Innovations</i> , 2017, 5, 138-146.	1.4	3

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37	Apparent Surface Free Energy of Polymer/Paper Composite Material Treated by Air Plasma. <i>International Journal of Polymer Science</i> , 2017, 2017, 1-8.	1.2	10
38	Comparison of the Poly(vinyl alcohol) Adsorption Behaviour on the Mixed Oxides with Different Surface Structure. <i>Medziagotyra</i> , 2016, 22, .	0.1	1
39	Time-dependent changes of surface properties of polyether ether ketone caused by air plasma treatment. <i>Polymer International</i> , 2016, 65, 827-834.	1.6	33
40	Modified silicas with different structure of grafted methylphenylsiloxane layer. <i>Nanoscale Research Letters</i> , 2016, 11, 290.	3.1	4
41	Surface properties of glass plates activated by air, oxygen, nitrogen and argon plasma. <i>Glass Physics and Chemistry</i> , 2016, 42, 535-541.	0.2	45
42	Low-temperature air plasma modification of chitosan-coated PEEK biomaterials. <i>Polymer Testing</i> , 2016, 50, 325-334.	2.3	37
43	Impact of anionic polyacrylamide on stability and surface properties of the Al ₂ O ₃ -polymer solution system at different temperatures. <i>Colloid and Polymer Science</i> , 2016, 294, 1511-1517.	1.0	16
44	Properties of PEEK-supported films of biological substances prepared by the Langmuir-Blodgett technique. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 510, 263-274.	2.3	22
45	New controlled release material: aerated egg white gels induced by calcium ions. <i>European Food Research and Technology</i> , 2016, 242, 1235-1243.	1.6	11
46	Ternary Biopolymer Based on Wheat Gluten, Whey Protein Concentrate and Montmorillonite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 555-562.	1.9	8
47	Effect of low-temperature plasma on chitosan-coated PEEK polymer characteristics. <i>European Polymer Journal</i> , 2016, 78, 1-13.	2.6	45
48	Comparison of contact angle measurement methods of liquids on metal alloys. <i>Annales Universitatis Mariae Curie-Sklodowska Sectio AA "Chemia"</i> , 2016, 71, 89.	0.2	3
49	Changes in surface properties of polymethylmethacrylate (PMMA) treated with air plasma. <i>Annales Universitatis Mariae Curie-Sklodowska Sectio AA "Chemia"</i> , 2015, 70, .	0.2	2
50	Investigation of the polyvinyl alcohol stabilization mechanism and adsorption properties on the surface of ternary mixed nanooxide AST 50 (Al ₂ O ₃ -SiO ₂ -TiO ₂). <i>Journal of Nanoparticle Research</i> , 2015, 17, 12.	0.8	56
51	Surface Properties of Aerated Ion-induced Whey Protein Gels. <i>Food Biophysics</i> , 2015, 10, 273-281.	1.4	6
52	Wettability of modified silica layers deposited on glass support activated by plasma. <i>Applied Surface Science</i> , 2015, 353, 843-850.	3.1	22
53	New product development: Cellulose/egg white protein blend fibers. <i>Carbohydrate Polymers</i> , 2015, 126, 168-174.	5.1	19
54	Physicochemical properties of cellulose/whey protein fibers as a potential material for active ingredients release. <i>Food Hydrocolloids</i> , 2015, 49, 232-239.	5.6	17

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55	Influence of the ambient temperature on water and diiodomethane contact angle with quartz surface. <i>Annales Universitatis Mariae Curie-Skłodowska Sectio AA "Chemia"</i> , 2015, 70, .	0.2	2
56	Influence of Volume Drop on Surface Free Energy of Glass. <i>Annales Universitatis Mariae Curie-Skłodowska Sectio AA "Chemia"</i> , 2014, 68, .	0.2	5
57	Effect of solution pH on the stability of mixed silica -alumina suspension in the presence of polyacrylic acid (PAA) with different molecular weights. <i>Open Chemistry</i> , 2013, 11, 101-110.	1.0	14
58	Superhydrophobic polystyrene layers filled with silica on glass. <i>Surface Innovations</i> , 2013, 1, 52-59.	1.4	10
59	Hydrophilic and superhydrophilic surfaces and materials. <i>Soft Matter</i> , 2011, 7, 9804.	1.2	736
60	Effect of different solid matrixes on surface free energy of EGDMA and TRIM polymers. <i>Applied Surface Science</i> , 2010, 256, 5475-5481.	3.1	4
61	Surface free energy of polypropylene and polycarbonate solidifying at different solid surfaces. <i>Applied Surface Science</i> , 2009, 256, 1573-1581.	3.1	39
62	Surface free energy of sulfur "Revisited. <i>Journal of Colloid and Interface Science</i> , 2008, 319, 514-519.	5.0	11
63	Surface free energy of sulfur "Revisited. <i>Journal of Colloid and Interface Science</i> , 2008, 319, 505-513.	5.0	59
64	Investigation of super-hydrophobic effect of PMMA layers with different fillers deposited on glass support. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 291, 181-190.	2.3	42
65	Investigation of the Electrokinetic Properties of Paraffin Suspension. 2. In <i>Cationic and Anionic Surfactant Solutions</i> . <i>Langmuir</i> , 2005, 21, 7662-7671.	1.6	7
66	Investigation of the Electrokinetic Properties of Paraffin Suspension. 1. In <i>Inorganic Electrolyte Solutions</i> . <i>Langmuir</i> , 2005, 21, 4347-4355.	1.6	20
67	Fabrication of transparent polysiloxane coatings on a glass support via the sol-gel dip coating technique and the effect of their hydrophobization with hexamethyldisilazane. <i>Physicochemical Problems of Mineral Processing</i> , 0, , 76-88.	0.2	5
68	Magnetic field effects on surfactants adsorption on the solid surface as regards of its wettability. <i>Physicochemical Problems of Mineral Processing</i> , 0, , 101-113.	0.2	1