Wojciech Ciesielski

List of Publications by Year
in descending order

64	781	623574	610775
papers	citations	14 h-index	24 g-index

65	65	65	831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interactions of starch with salts of metals from the transition groups. Carbohydrate Polymers, 2003, 51, 47-56.	5.1	97
2	Complexes of amylose and amylopectins with multivalent metal salts. Journal of Inorganic Biochemistry, 2004, 98, 2039-2051.	1.5	55
3	Starch radicals. Part I. Thermolysis of plain starch. Carbohydrate Polymers, 1996, 31, 205-210.	5.1	42
4	Structure, rheological, textural and thermal properties of potato starchÂâ€“ Inulin gels. LWT - Food Science and Technology, 2015, 60, 131-136.	2.5	36
5	Thermal properties of complexes of amaranthus starch with selected metal salts. Thermochimica Acta, 2003, 403, 161-171.	1.2	35
6	The effect of the number of alkyl substituents on imidazolium ionic liquids phytotoxicity and oxidative stress in spring barley and common radish seedlings. Chemosphere, 2016, 165, 519-528.	4.2	32
7	Adsorptive removal of Pb(II) ions from aqueous solutions by multi-walled carbon nanotubes functionalised by selenophosphoryl groups: Kinetic, mechanism, and thermodynamic studies. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 575, 271-282.	2.3	29
8	Structure and Physicochemical Properties of Water Treated w ith Low-Temperature Low-Frequency Glow Plasma. Current Physical Chemistry, 2017, 6, 312-320.	0.1	25
9	Preparation and characteristics of mechanical and functional properties of starch/Plantago psyllium seeds mucilage films. Starch/Staerke, 2017, 69, 1700014.	1.1	21
10	Werner-type metal complexes of potato starch. International Journal of Food Science and Technology, 2004, 39, 691-698.	1.3	18
11	A review of procedures of purification and chemical modification of carbon nanotubes with bromine. Fullerenes Nanotubes and Carbon Nanostructures, 2017, 25, 563-569.	1.0	18
12	Starchâ€“metal complexes and metal compounds. Journal of the Science of Food and Agriculture, 2018, 98, 2845-2856.	1.7	16
13	Structure and Physicochemical Properties of Water Treated under Nitrogen with Low-Temperature Glow Plasma. Water (Switzerland), 2020, 12, 1314.	1.2	16
14	Study of thermal stability of Î²-cyclodextrin/metal complexes in the aspect of their future applications. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 461-467.	1.6	15
15	Polysaccharides Composite Materials as Carbon Nanoparticles Carrier. Polymers, 2022, 14, 948.	2.0	15
16	Starch radicals. Part II: Cerealsâ€”native starch complexes. Carbohydrate Polymers, 1997, 34, 303-308.	5.1	14
17	Cyclodextrins-Peptides/Proteins Conjugates: Synthesis, Properties and Applications. Polymers, 2021, 13, 1759.	2.0	14
18	Structure and Physicochemical Properties of Water Treated under Carbon Dioxide with Low-Temperature Low-Pressure Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 1920.	1.2	13

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19	Polymerization of Î²-cyclodextrin with maleic anhydride along with thermogravimetric study of polymers. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 445-451.	1.6	12
20	Biomedical Application of Cyclodextrin Polymers Cross-Linked via Dianhydrides of Carboxylic Acids. Applied Sciences (Switzerland), 2020, 10, 8463.	1.3	12
21	Structure and Physicochemical Properties of Water Treated under Methane with Low-Temperature Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 1638.	1.2	12
22	Î²-Cyclodextrin/protein conjugates as a innovative drug systems: synthesis and MS investigation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 75, 293-296.	1.6	11
23	Critical study of crop-derived biochars for soil amendment and pharmaceutical ecotoxicity reduction. Chemosphere, 2020, 248, 125976.	4.2	11
24	Electrochemical hydrogenation of Mg76Li12Al12 solid solution phase. Ionics, 2019, 25, 2701-2709.	1.2	10
25	Structure and some physicochemical and functional properties of water treated under ammonia with low-temperature low-pressure glow plasma of low frequency. Open Chemistry, 2020, 18, 1195-1206.	1.0	10
26	Starch Based Depressors for Selective Flotation of Metal Sulfide Ores. Starch/Staerke, 1999, 51, 416-421.	1.1	9
27	Polymerization of Î²-cyclodextrin with succinic anhydride and thermogravimetric study of the polymers. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 439-444.	1.6	9
28	E Ffectiveness of Intrinsic Biodegradation Enhancement in Oil Hydrocarbons Contaminated Soil. Archives of Environmental Protection, 2014, 40, 101-113.	1.1	9
29	New quaternary carbide Mg_{1.52}Li_{0.24}Al_{0.24}C_{0.86}as a disorder derivative of the family of hexagonal close-packed (hcp) structures and the effect of structure modification on the electrochemical behaviour of the electrode. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 360-365.	0.2	9
30	Water of Increased Content of Molecular Oxygen. Water (Switzerland), 2020, 12, 2488.	1.2	9
31	Arsenic(V) Removal from Water by Resin Impregnated with Cyclodextrin Ligand. Processes, 2022, 10, 253.	1.3	9
32	Thermogravimetry- and differential scanning calorimetry-based studies of the solid state reactions of starch polysaccharides with proteogenic amino acids. Thermochimica Acta, 2001, 372, 119-128.	1.2	8
33	Specific Controlling Essential Oil Composition of Basil (Ocimum basilicum L.) Involving Low-Temperature, Low-Pressure Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 3332.	1.2	8
34	A Facile and Efficient Bromination of Multi-Walled Carbon Nanotubes. Materials, 2021, 14, 3161.	1.3	8
35	Physico-chemical and rheological properties of gelatinized/freeze-dried cereal starches. International Agrophysics, 2017, 31, 357-365.	0.7	7
36	Valuable polar moieties on cereal-derived biochars. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 275-282.	2.3	7

#	Article	IF	Citations
37	Reaction of Lavandula angustifolia Mill. to Water Treated with Low-Temperature, Low-Pressure Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 3168.	1.2	7
38	Calixresorcin[4]arene-Mediated Transport of Pb(II) Ions through Polymer Inclusion Membrane. Membranes, 2021, 11, 285.	1.4	7
39	CULTIVATION OF PEPPERMINT (Mentha piperita rubescens) USING WATER TREATED WITH LOW-PRESSURE, LOW-TEMPERATURE GLOW PLASMA OF LOW FREQUENCY. Electronic Journal of Polish Agricultural Universities, 2018, 21, .	0.1	7
40	Starch radicals. European Food Research and Technology, 1998, 207, 299-303.	0.6	6
41	Cultivation of Cress Involving Water Treated Under Different Atmospheres with Low-Temperature, Low-Pressure Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 2152.	1.2	6
42	Biodegradable Binary and Ternary Complexes from Renewable Raw Materials. Polymers, 2021, 13, 2925.	2.0	6
43	Structural and Thermal Characterization of the Incorporation of Lithium into ZnO. European Journal of Inorganic Chemistry, 2014, 2014, 925-931.	1.0	5
44	Carbon nanotubes functionalized by salts containing stereogenic heteroatoms as electrodes in their battery cells. Polish Journal of Chemical Technology, 2016, 18, 22-26.	0.3	5
45	CD Oxyanions as a Tool for Synthesis of Highly Anionic Cyclodextrin Polymers. Polymers, 2020, 12, 2845.	2.0	5
46	Synthesis of New Aminoâ€"Î²-Cyclodextrin Polymer, Cross-Linked with Pyromellitic Dianhydride and Their Use for the Synthesis of Polymeric Cyclodextrin Based Nanoparticles. Polymers, 2021, 13, 1332.	2.0	5
47	Towards recognizing the mechanisms of effects evoked in living organisms by static magnetic field. Numerically simulated effects of the static magnetic field upon simple inorganic molecules.. F1000Research, 0, 10, 611.	0.8	5
48	Starch radicals. European Food Research and Technology, 1998, 207, 292-298.	0.6	3
49	Starchâ€“metal complexes and their rheology. E-Polymers, 2009, 9, .	1.3	3
50	Chromium substitution effect on structural and electrochemical behavior of Li-Cr-Ni-O oxides. Ionics, 2015, 21, 3039-3049.	1.2	3
51	Carbon nanotubes functionalized with sulfur, selenium, or phosphorus or substituents containing these elements. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 541-547.	0.8	3
52	Effect of Watering of Selected Seasoning Herbs with Water Treated with Low-Temperature, Low-Pressure Glow Plasma of Low Frequency. Water (Switzerland), 2020, 12, 3526.	1.2	3
53	ï»¿Potential risk resulting from the influence of static magnetic field upon living organisms. Numerically simulated effects of the static magnetic field upon simple alkanols. BioRisk, 0, 18, 35-55.	0.2	3
54	ï»¿Potential risk resulting from the influence of static magnetic field upon living organisms. Numerically simulated effects of the static magnetic field upon porphine. BioRisk, 0, 18, 93-104.	0.2	3

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55	Coordination of cassava starch to metal ions and thermolysis of resulting complexes. Bulletin of the Chemical Society of Ethiopia, 2004, 17, .	0.5	2
56	Triphenylmethanethiol as a Precursor for the Simultaneous Formation of Bis (Triphenylmethyl) Sulfide, Bis(Triphenylmethyl) Trisulfide, and Bis(Triphenylmethyl) Peroxide: Crystal Structures and Hirshfeld Surface Analyses. Phosphorus, Sulfur and Silicon and the Related Elements, 2013, 188, 462-468.	0.8	2
57	Li₄Ge₂B as a new derivative of the Mo₂B₅and Li₅Sn₂structure types. Acta Crystallographica Section C, Structural Chemistry, 2016, 72, 561-565.	0.2	2
58	A stereogenic heteroatom-containing substituent as an inducer of chirality in the derivatives of thiophenes (mono, oligo, and poly), fullerenes C60, and multiwalled nanotubes. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 211-219.	0.8	2
59	Synthesis, characterization, and catalytic properties of the Li-doped ZnO. Journal of Thermal Analysis and Calorimetry, 2018, 134, 59-69.	2.0	2
60	Potential risk resulting from the influence of static magnetic field upon living organisms. Numerically-simulated effects of the static magnetic field upon carbohydrates. BioRisk, 0, 18, 57-91.	0.2	2
61	Can onium type derivatives with a stereogenic sulfur atom serve as chiral ionic liquids? A literature search. Phosphorus, Sulfur and Silicon and the Related Elements, 2019, 194, 712-719.	0.8	1
62	Structural and enhanced hydrogen storage properties of the Li₁₂Mg₃Si₃Al phase. Acta Crystallographica Section C, Structural Chemistry, 2021, 77, 227-234.	0.2	1
63	Specific Way of Controlling Composition of Cannabinoids and Essential Oil from Cannabis sativa var. Finola. Water (Switzerland), 2022, 14, 688.	1.2	1
64	Enhancement of Y5â^'xPrxSb3â^'yMy (M = Sn, Pb) Electrodes for Lithium- and Sodium-Ion Batteries by Structure Disordering and CNTs Additives. Materials, 2021, 14, 4331.	1.3	0