

Stanisław Biniak

List of Publications by Year in descending order

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43
papers

3,346
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394286
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4759
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Microwave Treatment in a High Pressure Microwave Reactor on Graphene Oxide Reduction Process—TEM, XRD, Raman, IR and Surface Electron Spectroscopic Studies. <i>Materials</i> , 2021, 14, 5728.	1.3	7
2	Gold(I) Complexes with P-Donor Ligands and Their Biological Evaluation. <i>Processes</i> , 2021, 9, 2100.	1.3	0
3	Modification of multiwalled carbon nanotubes with a ruthenium drug candidate—indazolium[tetrachlorobis(1H-indazole)ruthenate(KP1019)]. <i>Dalton Transactions</i> , 2020, 49, 16791-16800.	1.6	3
4	Synthesis, X-ray structure, physicochemical properties and anticancer activity of $\text{Ru}(\text{P}(\text{C}_6\text{H}_4\text{N}_2)_3)$ and $\text{Ru}(\text{P}(\text{C}_6\text{H}_4\text{N}_2)_3)$ triphenylphosphine complexes with a benzothiazole derivative as a co-ligand. <i>Dalton Transactions</i> , 2019, 48, 10689-10702.	1.6	11
5	Thermo-Chemical Modification of Low-Dimensional Carbons: an Infrared Study. <i>Journal of Applied Spectroscopy</i> , 2016, 83, 580-585.	0.3	9
6	Behavior of graphitized carbon blacks in the electrodegradation and sorption of chlorophenoxyacetic acids. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2016, 117, 477-486.	0.8	2
7	On atomic-configuration-mediated correlation between electrotransport and electrochemical properties of graphene. <i>Carbon</i> , 2016, 101, 37-48.	5.4	35
8	Electro-oxidation of chlorophenols on powdered carbon electrodes of different porosity. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2015, 114, 369-383.	0.8	10
9	Characteristics of activated carbon prepared from waste PET by carbon dioxide activation. <i>Journal of Analytical and Applied Pyrolysis</i> , 2013, 100, 192-198.	2.6	76
10	Cyclic voltammetric and FTIR studies of powdered carbon electrodes in the electrosorption of 4-chlorophenols from aqueous electrolytes. <i>Carbon</i> , 2013, 51, 301-312.	5.4	46
11	Cyclovoltammetric studies of carbon materials-supported palladium. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2012, 106, 203-216.	0.8	1
12	Reduction and oxidation of a Pd/activated carbon catalyst: evaluation of effects. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 101, 331-342.	0.8	9
13	Influence of high-temperature treatment of granular activated carbon on its structure and electrochemical behavior in aqueous electrolyte solution. <i>Journal of Materials Research</i> , 2010, 25, 1617-1628.	1.2	17
14	Effects of Ozone Dissolved in Water on the Physicochemical Properties of Activated Carbons Applied in Drinking Water Treatment. <i>Adsorption Science and Technology</i> , 2010, 28, 521-531.	1.5	7
15	Multiwall carbon nanotubes purification and oxidation by nitric acid studied by the FTIR and electron spectroscopy methods. <i>Journal of Alloys and Compounds</i> , 2010, 501, 77-84.	2.8	475
16	Studies of oxidized carbon nanotubes in temperature range RT–630°C by the infrared and electron spectroscopies. <i>Journal of Alloys and Compounds</i> , 2010, 505, 379-384.	2.8	23
17	Powdered activated carbon and carbon paste electrodes: comparison of electrochemical behaviour. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 593-600.	1.5	5
18	Effect of properties of chemically modified activated carbon and aromatic adsorbate molecule on adsorption from liquid phase. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 327, 1-8.	2.3	44

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19	The influence of nonpolar organics adsorption on the electrochemical behaviour of powdered activated carbon electrodes in aqueous electrolytes. <i>Applied Surface Science</i> , 2007, 253, 5143-5148.	3.1	0
20	Surface properties of carbons obtained from hexachlorobenzene and hexachloroethane by combustion synthesis. <i>Carbon</i> , 2007, 45, 103-109.	5.4	16
21	Adsorption equilibria in the systems: Aqueous solutions of organics-oxidized activated carbon samples obtained from different parts of granules. <i>Fuel</i> , 2006, 85, 410-417.	3.4	19
22	Electrochemical studies of the interaction between a modified activated carbon surface and heavy metal ions. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 123-130.	1.5	29
23	Changes in the Surface Chemistry and Adsorptive Properties of Active Carbon Previously Oxidized and Heat-Treated at Various Temperatures. III. Studies of the Adsorption of Organic Solutes from Aqueous Solutions. <i>Adsorption Science and Technology</i> , 2005, 23, 867-879.	1.5	11
24	Influence of the surface chemistry of modified activated carbon on its electrochemical behaviour in the presence of lead(II) ions. <i>Carbon</i> , 2004, 42, 3057-3069.	5.4	228
25	New correlations between the composition of the surface layer of carbon and its physicochemical properties exposed while paracetamol is adsorbed at different temperatures and pH. <i>Journal of Colloid and Interface Science</i> , 2003, 257, 13-30.	5.0	58
26	Changes in the Surface Chemistry and Adsorptive Properties of Active Carbon Previously Oxidised and Heat-Treated at Various Temperatures. II. Electrochemical Investigations of Surface Chemistry. <i>Adsorption Science and Technology</i> , 2002, 20, 583-593.	1.5	5
27	Carbon surface polarity from immersion calorimetry. <i>Fuel Processing Technology</i> , 2002, 79, 217-223.	3.7	19
28	Modified porous carbon materials as catalytic support for cathodic reduction of dioxygen. <i>Fuel Processing Technology</i> , 2002, 79, 251-257.	3.7	21
29	Influence of progressive surface oxidation of nitrogen-containing carbon on its electrochemical behaviour in phosphate buffer solutions. <i>Carbon</i> , 2002, 40, 1873-1881.	5.4	20
30	The effect of the gradual thermal decomposition of surface oxygen species on the chemical and catalytic properties of oxidized activated carbon. <i>Carbon</i> , 2002, 40, 2627-2639.	5.4	362
31	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 501-505.	0.7	3
32	Changes in the Surface Chemistry and Adsorptive Properties of Active Carbon Previously Oxidised and Heat-Treated at Various Temperatures. I. Physicochemical Properties of the Modified Carbon Surface. <i>Adsorption Science and Technology</i> , 2001, 19, 565-576.	1.5	14
33	Electrochemical and electrocatalytic studies of the N,N'-((1R,2R)-1,2-cyclohexylenebis(salicylideneiminato)cobalt(II) complex. <i>Journal of Solid State Electrochemistry</i> , 2001, 5, 221-226.	1.2	7
34	Oxygen distribution within oxidised active carbon granules. <i>Fuel</i> , 1999, 78, 1443-1448.	3.4	26
35	Title is missing!. <i>Journal of Applied Electrochemistry</i> , 1999, 29, 481-487.	1.5	18
36	Study of Adsorption Equilibria in the Systems Ternary Liquid Mixtures-Modified Activated Carbons. <i>Journal of Colloid and Interface Science</i> , 1999, 218, 480-487.	5.0	14

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37	Effect of Activated Carbon Surface Oxygen- and/or Nitrogen-Containing Groups on Adsorption of Copper(II) Ions from Aqueous Solution. Langmuir, 1999, 15, 6117-6122.	1.6	224
38	The characterization of activated carbons with oxygen and nitrogen surface groups. Carbon, 1997, 35, 1799-1810.	5.4	1,334
39	Cyclic voltammetric studies of chemically and electrochemically generated oxygen species on activated carbons. Electrochimica Acta, 1997, 42, 1441-1447.	2.6	29
40	Preparation and characterization of novel IR-transparent semiconducting carbonaceous materials. Carbon, 1995, 33, 221-224.	5.4	4
41	The electrochemical behaviour of carbon fibre electrodes in various electrolytes. Double-layer capacitance. Carbon, 1995, 33, 1255-1263.	5.4	38
42	Electrochemical behaviour of modified activated carbons in aqueous and nonaqueous solutions. Journal of Applied Electrochemistry, 1995, 25, 1038-1044.	1.5	32
43	Interdependence of different parameters characterizing the chemistry of an activated carbon surface. Journal of the Chemical Society, Faraday Transactions, 1991, 87, 3557-3561.	1.7	35