

Predrag Zivkovic

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

379
citations

840776

11
h-index

839539

18
g-index

46
all docs

46
docs citations

46
times ranked

386
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of the mild steel corrosion protection by polypyrrole-oxalate coating in sulfuric acid solution. <i>Progress in Organic Coatings</i> , 2006, 56, 240-247.	3.9	48
2	Studies on electrochemical oxidation of azithromycin and Hemomycin [®] at gold electrode in neutral electrolyte. <i>Electrochimica Acta</i> , 2006, 51, 2407-2416.	5.2	32
3	Electrodeposition and Electroless Deposition of Metallic Powders: A Comparison. <i>ECS Transactions</i> , 2011, 33, 7-31.	0.5	27
4	Influence of the complex formation on the morphology of lead powder particles produced by the electrodeposition processes. <i>Advanced Powder Technology</i> , 2013, 24, 674-682.	4.1	23
5	A mathematical model of the current density distribution in electrochemical cells. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 805-822.	0.8	21
6	Polarization curves in the ohmic controlled electrodeposition of metals. <i>Electrochimica Acta</i> , 2009, 54, 2924-2931.	5.2	19
7	Physical and mathematical models of an inert macroelectrode modified with active hemispherical microelectrodes. <i>Electrochimica Acta</i> , 2007, 52, 4696-4707.	5.2	17
8	The effect of the electrode surface roughness at low level of coarseness on the polarization characteristics of electrochemical processes. <i>Electrochimica Acta</i> , 2010, 55, 1919-1925.	5.2	17
9	Influence of the type of electrolyte on the morphological and crystallographic characteristics of lead powder particles. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1387-1395.	0.8	17
10	The qualitative electrochemical determination of clarithromycin and spectroscopic detection of its structural changes at gold electrode. <i>Electrochemistry Communications</i> , 2007, 9, 1643-1647.	4.7	16
11	Improvement of the mechanical properties of paper by starch coatings modified with sepiolite nanoparticles. <i>Starch/Staerke</i> , 2015, 67, 373-380.	2.1	13
12	Reliability for design of planetary gear drive units. <i>Meccanica</i> , 2014, 49, 829-841.	2.0	11
13	Overpotential controls a morphology of electrolytically produced copper dendritic forms. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 1209-1220.	0.8	10
14	Air quality estimation by computational intelligence methodologies. <i>Thermal Science</i> , 2012, 16, 493-504.	1.1	9
15	The apparent density as a function of the specific surface of copper powder and the shape of the particle size distribution curve. <i>Journal of the Serbian Chemical Society</i> , 2003, 68, 903-907.	0.8	9
16	A study of the catalytic role of a gold electrode in the electrochemical activation of four macrolide antibiotics in sodium bicarbonate solution. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2010, 16, 111-116.	0.7	7
17	Effect of segmental baffles on the shell-and-tube heat exchanger effectiveness. <i>Hemijrska Industrija</i> , 2014, 68, 171-177.	0.7	7
18	Measurement and improvement of indoor air quality in an information technology classroom. <i>Thermal Science</i> , 2014, 18, 915-924.	1.1	7

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19	Numerical study of perforated plate convective heat transfer. <i>Thermal Science</i> , 2014, 18, 949-956.	1.1	6
20	The effect of the concentration of the reacting ion on the control of the electrodeposition process. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 291-299.	0.8	5
21	Hybrid soft computing control strategies for improving the energy capture of a wind farm. <i>Thermal Science</i> , 2012, 16, 483-491.	1.1	5
22	PVB/sepiolite nanocomposites as reinforcement agents for paper. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 1295-1305.	0.8	5
23	CFD simulations of thermal comfort in naturally ventilated primary school classrooms. <i>Thermal Science</i> , 2016, 20, 287-296.	1.1	5
24	Green living roof implementation and influences of the soil layer on its properties. <i>Thermal Science</i> , 2016, 20, 1511-1520.	1.1	5
25	The impact of the building envelope with the green living systems on the built environment. <i>Thermal Science</i> , 2018, 22, 1033-1045.	1.1	5
26	Potential of adaptive neuro-fuzzy methodology for investigation of heat transfer enhancement of a minichannel heat sink. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2019, 523, 516-524.	2.6	4
27	The current distribution in an electrochemical cell. Part VII. Concluding remarks. <i>Journal of the Serbian Chemical Society</i> , 2002, 67, 273-278.	0.8	4
28	Improving the packaging performance of low-density polyethylene with PCL/nanocellulose/copper(II)oxide barrier layer. <i>Science of Sintering</i> , 2018, 50, 149-161.	1.4	3
29	Concurrent validity of the student teacher professional identity scale. <i>International Journal of Cognitive Research in Science, Engineering and Education</i> , 2018, 6, 13-16.	0.4	3
30	Relationship between the kinetic parameters and morphology of electrochemically deposited lead. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 553-566.	0.8	3
31	The validity of the general polarization curve equation approximation for the process of metal deposition. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 227-231.	0.8	2
32	Closed vessel combustion modelling by using pressure-time evolution function derived from two-zonal approach. <i>Thermal Science</i> , 2012, 16, 561-572.	1.1	2
33	Correlation between crystal orientation and morphology of electrolytically produced powder particles: Analysis of the limiting cases. <i>Materials Protection</i> , 2018, 59, 256-264.	0.9	2
34	The influence of electroless plated chromium on printing properties of aluminium offset printing plate. <i>Journal of the Serbian Chemical Society</i> , 2002, 67, 445-455.	0.8	2
35	Specific approach for continuous air quality monitoring. <i>Hemijska Industrija</i> , 2012, 66, 85-93.	0.7	2
36	Student Teachers' Professional Identity: Research in the Republic of Serbia. <i>New Educational Review</i> , 2018, 51, 221-231.	0.2	2

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37	Adventists in Montenegro – From the Atheistic Psychosis of Socialism to the Post-socialist Individuation of Adventism. Religions, 2020, 11, 233.	0.6	1
38	A new dimensionless group for the estimation of the current density distribution in an electrochemical cell. Journal of the Serbian Chemical Society, 2005, 70, 251-253.	0.8	1
39	Estimation of the exchange current density and comparative analysis of morphology of electrochemically produced lead and zinc deposits. Journal of the Serbian Chemical Society, 2017, 82, 539-550.	0.8	1
40	Experimental and numerical investigation of thermal and fluid-flow processes in a matrix heat exchanger. Thermal Science, 2019, 23, 11-21.	1.1	1
41	Investigation of the influence of cementation of chromium onto aluminium on the characteristics of non-printing elements of an offset printing plate. Hemijska Industrija, 2004, 58, 232-236.	0.7	0
42	The surface energy of disperse cadmium electrodeposits formations. Journal of the Serbian Chemical Society, 2005, 70, 63-66.	0.8	0
43	Experimental and analytical research of the heat transfer process in the package of perforated plates. Thermal Science, 2016, 20, 1251-1257.	1.1	0
44	INFLUENCE OF THE CHANGING LOCAL CLIMATE ON WIND POTENTIALS OF MOUNT KOPAONIK. Facta Universitatis, Series: Mechanical Engineering, 2017, 15, 507.	4.6	0
45	A Manifest of the Endangered Past. Folia Linguistica Et Litteraria, 0, , 215-231.	0.1	0
46	Experimental validation of wind energy estimation. Thermal Science, 2020, 24, 3795-3806.	1.1	0