

Slobodan Milonjic

List of Publications by Year in descending order

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90
papers

3,070
citations

236833

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161767

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92
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docs citations

92
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3638
citing authors

#	ARTICLE	IF	CITATIONS
1	Comments on the article entitled Adsorption of strontium on different sodium-enriched bentonites by Sonja R. Marinovic, Marija J. Ajdukovic, Natasa P. Jovic-Jovicic, Tihana M. Mudrinic, Bojana N. Nedic-Vasiljevic, Predrag T. Bankovic and Aleksandra D. Milutinovic-Nikolic, published in the Journal of the Serbian chemical society, volume 82, issue 4, 2017, pp. 449-463. Journal of the Serbian Chemical Society, 2018, 83, 391-393.	0.4	0
2	A comparative analysis of scientific outputs of countries formed from former Yugoslav republics and other countries for the period 2008-2012. Journal of the Serbian Chemical Society, 2017, 82, 1075-1085.	0.4	1
3	Protective ability and impedance response of sol-gel reversely transformed ceria conversion coating on aluminium. Journal of Solid State Electrochemistry, 2016, 20, 293-303.	1.2	7
4	Morphology and the isoelectric point of nanosized aqueous ceria sols. Materials Chemistry and Physics, 2014, 148, 868-873.	2.0	36
5	Adsorption and fluorescence quenching of 5,5'-disulfopropyl-3,3'-dichlorothiacyanine dye on gold nanoparticles. New Journal of Chemistry, 2013, 37, 743.	1.4	16
6	Fluorescence Quenching of 5,5'-Disulfopropyl-3,3'-dichlorothiacyanine Dye Adsorbed on Gold Nanoparticles. Journal of Physical Chemistry C, 2013, 117, 6567-6577.	1.5	38
7	Stability of zirconia sol in the presence of various inorganic electrolytes. Journal of the Serbian Chemical Society, 2013, 78, 1975-1982.	0.4	1
8	The influence of chemical and thermal treatment on the point of zero charge of hydrous zirconium oxide. Journal of the Serbian Chemical Society, 2013, 78, 987-995.	0.4	12
9	Comments on the authors'™ response to the comments on "Factors influencing the removal of divalent cations by hydroxyapatite", by Smicklas et al.. Journal of Hazardous Materials, 2010, 176, 1126-1127.	6.5	6
10	Synthesis and surface characterization of ordered mesoporous silica SBA-15. Materials Chemistry and Physics, 2010, 124, 1248-1252.	2.0	67
11	Influence of natural zeolitic tuff and organozeolites surface charge on sorption of ionizable fumonisin B1. Colloids and Surfaces B: Biointerfaces, 2010, 76, 272-278.	2.5	27
12	Differences in the electrochemical behavior of ruthenium and iridium oxide in electrocatalytic coatings of activated titanium anodes prepared by the sol-gel procedure. Journal of the Serbian Chemical Society, 2010, 75, 1413-1420.	0.4	12
13	The effect of the addition of colloidal iridium oxide into sol-gel obtained titanium and ruthenium oxide coatings on titanium on their electrochemical properties. Physical Chemistry Chemical Physics, 2010, 12, 7521.	1.3	16
14	Comments on "removal of uranium (VI) from aqueous solution by adsorption of hematite", by X. Shuibo, Z. Chun, Z. Xinghuo, Y. Jing, Z. Xiaojian, W. Jingsong. Journal of Environmental Radioactivity, 2009, 100, 921-922.	0.9	25
15	Comments on "factors influencing the removal of divalent cations by hydroxyapatite". Journal of Hazardous Materials, 2009, 162, 1588-1589.	6.5	14
16	Deposition of hematite particles on polypropylene walls in dynamic conditions. Journal of Colloid and Interface Science, 2009, 330, 284-291.	5.0	20
17	Determination of isoelectric points of metals and metallic alloys by adhesion of latex particles. Journal of Colloid and Interface Science, 2009, 337, 449-455.	5.0	32
18	Opposite effects of nanocrystalline fullerene (C60) on tumour cell growth in vitro and in vivo and a possible role of immunosuppression in the cancer-promoting activity of C60. Biomaterials, 2009, 30, 6940-6946.	5.7	42

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19	Determination of Surface Properties of Various Oxides and Sulfides by Inverse Gas Chromatography. Materials and Manufacturing Processes, 2009, 24, 1086-1089.	2.7	1
20	Synthesis and Characterization of Stable Aqueous Ceria Sols. Materials and Manufacturing Processes, 2009, 24, 1080-1085.	2.7	18
21	Influence of organic cations sorption on the point of zero charge of natural zeolite. Hemijska Industrija, 2009, 63, 325-330.	0.3	7
22	Stability of alumina suspensions in the presence of Tiron. Ceramics International, 2008, 34, 23-26.	2.3	6
23	Particle size analysis: $⁹⁰\gamma$ and ^{99m}Tc labelled colloids. Journal of Microscopy, 2008, 232, 601-604.	0.8	14
24	Electrochemical synthesis and characterization of hydroxyapatite powders. Materials Chemistry and Physics, 2008, 111, 137-142.	2.0	31
25	Point of Zero Charge and Isoelectric Point of Alumina. Materials and Manufacturing Processes, 2008, 23, 615-619.	2.7	99
26	Concentration of rhenium from dilute sodium chloride solutions. Journal of the Serbian Chemical Society, 2008, 73, 333-339.	0.4	3
27	Adsorption of itaconic acid from aqueous solutions onto alumina. Journal of the Serbian Chemical Society, 2008, 73, 825-834.	0.4	15
28	NANOSTRUCTURED ZrO ₂ POWDER SYNTHESIZED BY ULTRASONIC SPRAY PYROLYSIS. Surface Review and Letters, 2007, 14, 915-919.	0.5	3
29	Sorption of rhenium on alumina under dynamic conditions. Journal of the Serbian Chemical Society, 2007, 72, 555-562.	0.4	2
30	A consideration of the correct calculation of thermodynamic parameters of adsorption. Journal of the Serbian Chemical Society, 2007, 72, 1363-1367.	0.4	441
31	Adsorption of Pb ²⁺ , Cd ²⁺ and Sr ²⁺ ions onto natural and acid-activated sepiolites. Applied Clay Science, 2007, 37, 47-57.	2.6	196
32	Point of zero charge of different carbides. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2007, 297, 1-6.	2.3	96
33	The influence of cationic impurities in silica on its crystallization and point of zero charge. Journal of Colloid and Interface Science, 2007, 309, 155-159.	5.0	41
34	Separation of tungsten and rhenium on alumina in dynamic conditions. Journal of Radioanalytical and Nuclear Chemistry, 2007, 273, 357-362.	0.7	1
35	Adsorption of Pb ²⁺ , Cd ²⁺ and Sr ²⁺ ions onto natural and acid-activated sepiolites. Applied Clay Science, 2007, 37, 47-57.	2.6	114
36	Application of inverse gas chromatography for polymer characterization. Hemijska Industrija, 2007, 61, 342-349.	0.3	0

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37	Electrocatalytic activity of sol-gel-prepared RuO ₂ /Ti anode in chlorine and oxygen evolution reactions. Russian Journal of Electrochemistry, 2006, 42, 1055-1060.	0.3	16
38	Activity and stability of RuO ₂ -coated titanium anodes prepared via the alkoxide route. Journal of the Serbian Chemical Society, 2006, 71, 1173-1186.	0.4	7
39	Synthesis of zirconia colloidal dispersions by forced hydrolysis. Journal of the Serbian Chemical Society, 2006, 71, 613-619.	0.4	15
40	Surface characterization of macroporous glycidyl methacrylate based copolymers by inverse gas chromatography. European Polymer Journal, 2005, 41, 1234-1242.	2.6	25
41	Adsorption of n-Alkanes on Silicon Nitride Nanopowder. Journal of the American Ceramic Society, 2005, 88, 1875-1878.	1.9	9
42	Characterization of Glycidyl Methacrylate Based Copolymers by Inverse Gas Chromatography under Finite Surface Coverage. Macromolecular Materials and Engineering, 2005, 290, 884-890.	1.7	6
43	Sorption of tungsten on alumina in dynamic conditions. Journal of Radioanalytical and Nuclear Chemistry, 2005, 267, 67-72.	0.7	4
44	Determination of thermodynamic properties of macroporous glycidyl methacrylate-based copolymers by inverse gas chromatography. Journal of Polymer Science, Part B: Polymer Physics, 2005, 43, 2524-2533.	2.4	12
45	THE ROLE OF SOL-GEL PROCEDURE CONDITIONS IN ELECTROCHEMICAL BEHAVIOR AND CORROSION STABILITY OF Ti/[RuO ₂ -TiO ₂] ANODES. Materials and Manufacturing Processes, 2005, 20, 89-103.	2.7	8
46	Determination of intrinsic equilibrium constants at alumina/electrolyte interface. Journal of the Serbian Chemical Society, 2004, 69, 1063-1072.	0.4	13
47	Characterization of colloidal chromia particles obtained by forced hydrolysis. Materials Research Bulletin, 2003, 38, 1329-1339.	2.7	13
48	Influence of synthesis parameters on the structure of boehmite sol particles. Powder Technology, 2003, 133, 185-189.	2.1	25
49	The properties of carbon-supported hydrous ruthenium oxide obtained from RuO _x H _y sol. Electrochimica Acta, 2003, 48, 3805-3813.	2.6	64
50	Morphology of RuO ₂ -TiO ₂ coatings and TEM characterization of oxide sols used for their preparation. Journal of Colloid and Interface Science, 2003, 263, 68-73.	5.0	25
51	Sorption of selenium anionic species on apatites and iron oxides from aqueous solutions. Journal of Environmental Radioactivity, 2003, 70, 61-72.	0.9	144
52	Kinetics of 1,8-dihydroxy-2-(pyrazol-5-ylazo)-naphthalene-3,6-disulphonic acid immobilization on anion exchangers. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 215, 277-284.	2.3	7
53	The role of the concentration profile of titanium oxide on the electrochemical behavior of RuO ₂ -TiO ₂ coatings obtained by the sol-gel procedure. Journal of the Serbian Chemical Society, 2003, 68, 979-988.	0.4	11
54	An Inverse Gas Chromatography Study of the Adsorption of Organics on Nickel- and Copper-Hexacyanoferrates at Zero Surface Coverage. Journal of Colloid and Interface Science, 2002, 251, 10-17.	5.0	5

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55	Adsorption of zinc, cadmium and mercury ions from aqueous solutions on an activated carbon cloth. <i>Carbon</i> , 2002, 40, 1109-1115.	5.4	138
56	Inverse gas chromatography of chromia. Part II. Finite surface coverage. <i>Journal of the Serbian Chemical Society</i> , 2002, 67, 165-178.	0.4	7
57	The effect of temperature on the properties of hydroxyapatite precipitated from calcium hydroxide and phosphoric acid. <i>Thermochimica Acta</i> , 2001, 374, 13-22.	1.2	134
58	The effect of the composition of the dispersing medium of oxide sols on the electrocatalytic activity of sol-gel obtained RuO ₂ -TiO ₂ /Ti anodes. <i>Journal of the Serbian Chemical Society</i> , 2001, 66, 847-857.	0.4	5
59	Microcalorimetric studies of electrolyte mixtures: HCl-GaCl ₃ . <i>Thermochimica Acta</i> , 2000, 351, 153-157.	1.2	2
60	The influence of the aging time of RuO ₂ and TiO ₂ sols on the electrochemical properties and behavior for the chlorine evolution reaction of activated titanium anodes obtained by the sol-gel procedure. <i>Electrochimica Acta</i> , 2000, 46, 415-421.	2.6	59
61	Point of zero charge and intrinsic equilibrium constants of activated carbon cloth. <i>Carbon</i> , 1999, 37, 477-481.	5.4	346
62	Flux Decline and Gel Resistance in Unstirred Ultrafiltration of Aluminium Hydrous Oxide Sols. <i>Journal of Colloid and Interface Science</i> , 1995, 176, 491-494.	5.0	8
63	Influence of boric acid concentration on silicon carbide morphology. <i>Journal of Materials Science Letters</i> , 1995, 14, 1052-1054.	0.5	19
64	A comparison of sol-gel derived silicon carbide powders from saccharose and activated carbon. <i>Ceramics International</i> , 1995, 21, 271-276.	2.3	29
65	Heat capacities of sodium carbonate-sodium bicarbonate aqueous solution mixtures. <i>Thermochimica Acta</i> , 1995, 257, 111-115.	1.2	4
66	Determination of ⁴⁰ K and ¹³⁷ Cs concentration in selected honey samples. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1995, 199, 465-469.	0.7	2
67	The heat of mixing of sodium carbonate and sodium bicarbonate aqueous solutions and its temperature dependence. <i>Thermochimica Acta</i> , 1994, 235, 39-48.	1.2	3
68	Characteristic performances of a Thermometric (LKB) multichannel microcalorimeter and its use for determination of heats of mixing of concentrated electrolytes. <i>Thermochimica Acta</i> , 1992, 195, 303-311.	1.2	4
69	A relation between the amounts of sorbed alkali cations and the stability of colloidal silica. <i>Colloids and Surfaces</i> , 1992, 63, 113-119.	0.9	33
70	Influence of temperature on the ultrafiltration of silica sol in a stirred cell. <i>Journal of Membrane Science</i> , 1992, 66, 9-17.	4.1	12
71	Determination of uranium in organic solutions by inductively coupled plasma atomic emission spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 158, 23-30.	0.7	2
72	Dynamic adsorption of uranium(VI) and zirconium(IV) on silica gel. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1992, 158, 79-90.	0.7	15

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73	Sorption of alkaline-earth cations on amorphous zirconium oxide. <i>Colloids and Surfaces</i> , 1990, 46, 283-296.	0.9	13
74	A gas chromatographic study of the adsorption of organics on thermally treated clinoptilolite. <i>Chromatographia</i> , 1989, 27, 306-310.	0.7	9
75	Ultrafiltration of silica sols. <i>Collection of Czechoslovak Chemical Communications</i> , 1989, 54, 91-101.	1.0	5
76	Adsorption of organic liquids on alkaline earth-metal modified silica. <i>Chromatographia</i> , 1988, 26, 324-328.	0.7	7
77	Thermodynamics of adsorption of organic liquids on Ni-modified solid obtained from colloidal silica. <i>Chromatographia</i> , 1988, 26, 387-392.	0.7	9
78	Determination of surface ionization and complexation constants at colloidal silica/electrolyte interface. <i>Colloids and Surfaces</i> , 1987, 23, 301-312.	0.9	72
79	Determination of uranium in wet phosphoric acid by extraction with octylphenylphosphoric acid. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1986, 99, 279-286.	0.7	1
80	Low-pressure adsorption of gases on heterogeneous solid surfaces and the virial description formalism. <i>Journal of Colloid and Interface Science</i> , 1985, 104, 297-310.	5.0	8
81	Heat of immersion of silica in water. <i>Thermochimica Acta</i> , 1984, 78, 341-350.	1.2	8
82	A gas chromatographic study of the adsorption of organics on thermally treated silicas. <i>Chromatographia</i> , 1984, 19, 342-346.	0.7	33
83	Sorption of alkali cations at the zirconium oxide/ aqueous electrolyte interface. <i>Colloids and Surfaces</i> , 1983, 6, 167-174.	0.9	25
84	On the mechanism of ion exchange in zirconium phosphates—XXIX Calorimetric determination of heats of K ⁺ -H ⁺ exchange with β -zirconium phosphate. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1981, 43, 165-169.	0.5	11
85	Chromatographic and adsorptive properties of mercury sulfide. <i>Chromatographia</i> , 1980, 13, 226-230.	0.7	7
86	Investigation of the System: Tri-n-Butyl Phosphate-n-Tetradecane by Gas-Liquid Chromatography. <i>Journal of Chromatographic Science</i> , 1979, 17, 253-258.	0.7	3
87	Natural magnetite as an adsorbent in gas-solid chromatography. <i>Journal of Chromatography A</i> , 1979, 172, 357-361.	1.8	8
88	On the mechanism of ion exchange in zirconium phosphates—XVIII Effect of crystallinity upon the K ⁺ -H ⁺ exchange of β -zirconium phosphate. <i>Journal of Inorganic and Nuclear Chemistry</i> , 1978, 40, 79-85.	0.5	14
89	Thermodynamics of molecular association. <i>Journal of Chromatography A</i> , 1977, 139, 1-13.	1.8	9
90	The heat of immersion of natural magnetite in aqueous solutions. <i>Thermochimica Acta</i> , 1975, 11, 261-266.	1.2	137