

Dragan D Manojlovic

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7845599/publications.pdf>

Version: 2024-02-01

84
papers

2,705
citations

201575

27
h-index

189801

50
g-index

84
all docs

84
docs citations

84
times ranked

3909
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of heavy metal pollutants accumulation in the Tisza river sediments. <i>Journal of Environmental Management</i> , 2009, 90, 3382-3390.	3.8	333
2	Electrochemical Behavior and Antioxidant and Prooxidant Activity of Natural Phenolics. <i>Molecules</i> , 2007, 12, 2327-2340.	1.7	281
3	Mapping electrogenerated chemiluminescence reactivity in space: mechanistic insight into model systems used in immunoassays. <i>Chemical Science</i> , 2014, 5, 2568-2572.	3.7	182
4	Decolorization of reactive textile dyes using water falling film dielectric barrier discharge. <i>Journal of Hazardous Materials</i> , 2011, 192, 763-771.	6.5	165
5	Light-Emitting Electrochemical "Swimmers". <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11284-11288.	7.2	91
6	Application of non-thermal plasma reactor and Fenton reaction for degradation of ibuprofen. <i>Science of the Total Environment</i> , 2015, 505, 1148-1155.	3.9	87
7	Synthesis, characterization, electrochemical studies and antitumor activity of some new chalcone analogues containing ferrocenyl pyrazole moiety. <i>Bioorganic Chemistry</i> , 2010, 38, 26-32.	2.0	75
8	Simultaneous determination of some water-soluble vitamins and preservatives in multivitamin syrup by validated stability-indicating high-performance liquid chromatography method. <i>Journal of Chromatography A</i> , 2008, 1202, 155-162.	1.8	73
9	3D electrogenerated chemiluminescence: from surface-confined reactions to bulk emission. <i>Chemical Science</i> , 2015, 6, 4433-4437.	3.7	72
10	Degradation of triketone herbicides, mesotrione and sulcotrione, using advanced oxidation processes. <i>Journal of Hazardous Materials</i> , 2013, 260, 1092-1099.	6.5	71
11	Electrochemiluminescent swimmers for dynamic enzymatic sensing. <i>Chemical Communications</i> , 2014, 50, 10202-10205.	2.2	71
12	Removal of phenol and chlorophenols from water by new ozone generator. <i>Desalination</i> , 2007, 213, 116-122.	4.0	63
13	A Sensitive Electrochemiluminescence Immunosensor for Celiac Disease Diagnosis Based on Nanoelectrode Ensembles. <i>Analytical Chemistry</i> , 2015, 87, 12080-12087.	3.2	62
14	Ozonized water generator based on coaxial dielectric-barrier-discharge in air. <i>Vacuum</i> , 2004, 73, 705-708.	1.6	52
15	Microscopic imaging and tuning of electrogenerated chemiluminescence with boron-doped diamond nanoelectrode arrays. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7085-7094.	1.9	49
16	Preparation, characterization and photocatalytic activity of lanthanum and vanadium co-doped mesoporous TiO ₂ for azo-dye degradation. <i>Journal of Molecular Catalysis A</i> , 2013, 378, 67-75.	4.8	41
17	Lighting Up Redox Propulsion with Luminol Electrogenerated Chemiluminescence. <i>ChemElectroChem</i> , 2014, 1, 95-98.	1.7	41
18	Magnetization enhancement in nanostructured random type MgFe ₂ O ₄ spinel prepared by soft mechanochemical route. <i>Journal of Applied Physics</i> , 2010, 107, .	1.1	40

#	ARTICLE	IF	CITATIONS
19	Dinuclear copper(II) octaazamacrocyclic complex in a PVC coated GCE and graphite as a voltammetric sensor for determination of gallic acid and antioxidant capacity of wine samples. <i>Talanta</i> , 2015, 132, 513-519.	2.9	38
20	Cyclohexane oxidation and cyclohexyl hydroperoxide decomposition by poly(4-vinylpyridine-co-divinylbenzene) supported cobalt and chromium complexes. <i>Chemical Engineering Journal</i> , 2010, 157, 181-188.	6.6	36
21	The Accumulation and Distribution of Metals in Water, Sediment, Aquatic Macrophytes and Fishes of the GruÅ¾a Reservoir, Serbia. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2013, 90, 563-569.	1.3	36
22	Synthesis, spectral characterization and electrochemical properties of 1H-3-(o-, m- and p-) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td (p-694, 1575-1580.	0.8	32
23	Fe Doped TiO ₂ Prepared by Microwave-Assisted Hydrothermal Process for Removal of As(III) and As(V) from Water. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 10841-10848.	1.8	32
24	Study of ellagic acid electro-oxidation mechanism. <i>Monatshefte für Chemie</i> , 2013, 144, 121-128.	0.9	31
25	SEM/EDX and XRD characterization of silver nanocrystalline thin film prepared from organometallic solution precursor. <i>Journal of Mining and Metallurgy, Section B: Metallurgy</i> , 2013, 49, 91-95.	0.3	31
26	Plasma assisted degradation of phenol solutions. <i>Vacuum</i> , 2008, 83, 234-237.	1.6	28
27	Baicalein – main active flavonoid from <i>Scutellaria baicalensis</i> – voltammetric sensing in human samples using boron doped diamond electrode. <i>Diamond and Related Materials</i> , 2015, 58, 35-39.	1.8	28
28	Glucose sensing by electrogenerated chemiluminescence of glucose-dehydrogenase produced NADH on electrodeposited redox hydrogel. <i>Bioelectrochemistry</i> , 2011, 82, 63-68.	2.4	24
29	Degradation and detoxification of the 4-chlorophenol by non-thermal plasma-influence of homogeneous catalysts. <i>Separation and Purification Technology</i> , 2015, 154, 246-254.	3.9	24
30	Trace elements as tracers of environmental pollution in the canal sediments (alluvial formation of) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 627 Td	1.3	22
31	Electrooxidation of p-nitrophenol using a composite organo-smectite clay glassy carbon electrode. <i>Applied Surface Science</i> , 2014, 313, 440-448.	3.1	22
32	Self-assembled polyaniline 12-tungstophosphate micro/nanostructures. <i>Synthetic Metals</i> , 2010, 160, 1463-1473.	2.1	20
33	Liming of anthropogenically acidified soil promotes phosphorus acquisition in the rhizosphere of wheat. <i>Biology and Fertility of Soils</i> , 2015, 51, 289-298.	2.3	20
34	Distribution and mobility of heavy elements in floodplain agricultural soils along the Ibar River (Southern Serbia and Northern Kosovo). Chemometric investigation of pollutant sources and ecological risk assessment. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9000-9011.	2.7	20
35	Decolorization of reactive black 5 using dielectric barrier discharge in the presence of inorganic salts. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 535-548.	0.4	19
36	Arsenic in drinking water and acute coronary syndrome in Zrenjanin municipality, Serbia. <i>Environmental Research</i> , 2012, 117, 75-82.	3.7	17

#	ARTICLE	IF	CITATIONS
37	Phytoextraction of metals by <i>Erigeron canadensis</i> L. from fly ash landfill of power plant "Kolubara". <i>Environmental Science and Pollution Research</i> , 2015, 22, 10506-10515.	2.7	17
38	Comparison of two methods for removal of arsenic from potable water. <i>Vacuum</i> , 2008, 83, 142-145.	1.6	16
39	Microwave-hydrothermal method for the synthesis of composite materials for removal of arsenic from water. <i>Environmental Science and Pollution Research</i> , 2016, 23, 469-476.	2.7	16
40	The Electrochemical Oxidation of 6-Aminoquinoline: Computational and Voltammetric Study. <i>Journal of the Electrochemical Society</i> , 2012, 159, G151-G159.	1.3	15
41	Amperometric ascorbic acid sensor based on doped ferrites nanoparticles modified glassy carbon paste electrode. <i>Analytical Biochemistry</i> , 2016, 504, 20-26.	1.1	15
42	Sensitive Flow-Injection Amperometric Detection of Iodide Using Mn ³⁺ and As ³⁺ . <i>Analytical Sciences</i> , 2005, 21, 525-529.	0.8	14
43	Feasibility of the internal standardization in direct determination of arsenic in wine samples by inductively coupled plasma atomic emission spectrometry. <i>Microchemical Journal</i> , 2011, 98, 11-14.	2.3	14
44	Fractionation of soil phosphorus in a long-term phosphate fertilization. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 971-981.	0.4	14
45	Investigation of sorbents synthesised by mechanical "chemical reaction for sorption of As(III) and As(V) from aqueous medium. <i>Clean Technologies and Environmental Policy</i> , 2014, 16, 395-403.	2.1	14
46	Microwave-hydrothermal synthesis of TiO ₂ and zirconium doped TiO ₂ adsorbents for removal of As(III) and As(V). <i>Journal of Saudi Chemical Society</i> , 2015, 19, 429-435.	2.4	13
47	Electrochemical Bromination of Peracetylated Glycols. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 29-34.	2.1	12
48	Mechanochemical synthesis of stoichiometric MgFe ₂ O ₄ spinel. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 782-787.	1.1	12
49	Photopatterning of ultrathin electrochemiluminescent redox hydrogel films. <i>Chemical Communications</i> , 2011, 47, 9125.	2.2	12
50	Simultaneous Determination of Pb and Cd Traces in Water Samples by Anodic Stripping Voltammetry Using a Modified GC Electrode. <i>Electroanalysis</i> , 2011, 23, 1928-1933.	1.5	12
51	Mass concentrations and indoor-outdoor relationships of PM in selected educational buildings in Nis, Serbia. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 149-158.	0.4	12
52	Soft mechanochemical synthesis of MgFe ₂ O ₄ nanoparticles from the mixture of Fe_2O_3 with Mg(OH) ₂ and Fe(OH) ₃ with Mg(OH) ₂ . <i>Materials Science and Technology</i> , 2010, 26, 968-974.	0.8	11
53	Comparative Electrochemical Determination of Total Antioxidant Activity in Infant Formula with Breast Milk. <i>Food Analytical Methods</i> , 2014, 7, 337-344.	1.3	11
54	Electroanalytical Approach for Vitamin B ₁₂ Quantification Based on Its Oxidation at Boron Doped Diamond Electrode. <i>Journal of the Electrochemical Society</i> , 2016, 163, B348-B351.	1.3	10

#	ARTICLE	IF	CITATIONS
55	Application of non-thermal plasma reactor for degradation and detoxification of high concentrations of dye Reactive Black 5 in water. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 829-845.	0.4	10
56	Complexation ability of octaazamacrocyclic ligand toward Co ²⁺ , Ni ²⁺ , Cu ²⁺ and Zn ²⁺ metal cations: Experimental and theoretical study. <i>Electrochimica Acta</i> , 2013, 89, 680-687.	2.6	9
57	Fenton-like oxidation of azo dye using mesoporous Fe/TiO ₂ prepared by microwave-assisted hydrothermal process. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 977-991.	0.4	9
58	Leaching of Major and Minor Elements during the Transport and Storage of Coal Ash Obtained in Power Plant. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	0.8	8
59	Preservation of water quality in accumulation Lake Rovni: the estimate of the emission of phosphorus from inundation area. <i>Desalination</i> , 2007, 213, 104-109.	4.0	7
60	Electrochemical bromination of peracetylated d-glucal: Effect of DMSO on chemoselectivity. <i>Electrochimica Acta</i> , 2010, 55, 965-969.	2.6	7
61	The comparison of sample extraction procedures for the determination of cations in soil by IC and ICP-AES. <i>Open Chemistry</i> , 2011, 9, 481-491.	1.0	7
62	Application of Novel Zn-Ferrite Modified Glassy Carbon Paste Electrode as a Sensor for Determination of Cd(II) in Waste Water. <i>Electroanalysis</i> , 2014, 26, 1536-1543.	1.5	7
63	Characterization of Morus species in respect to micro, macro, and toxic elements. <i>Acta Periodica Technologica</i> , 2014, , 229-237.	0.5	7
64	Degradation of anionic surfactants using the reactor based on dielectric barrier discharge. <i>Journal of the Serbian Chemical Society</i> , 2016, 81, 1097-1107.	0.4	6
65	Analysis of the bioavailability of Cr(III) and Cr(VI) based on the determination of chromium in <i>Mentha piperita</i> by graphite furnace atomic absorption spectrometry. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 143-153.	0.4	5
66	A simulation experiment as a method for the investigation of the mobility of heavy metals from inundated land. <i>Journal of the Serbian Chemical Society</i> , 2010, 75, 1005-1018.	0.4	5
67	Celery Root Phenols Content, Antioxidant Capacities and Their Correlations after Osmotic Dehydration in Molasses. <i>Foods</i> , 2022, 11, 1945.	1.9	5
68	Determination of trace elements in danube water: results of the regional-interlaboratory study. <i>Desalination</i> , 2007, 213, 110-115.	4.0	4
69	Electrochemical Treatment of Reactive Blue 52 Using Zirconium, Palladium and Graphite Electrode. <i>Clean - Soil, Air, Water</i> , 2014, 42, 804-808.	0.7	4
70	Arsenic in Agricultural Soils of a Historically Mined and Industrial Region of Southern Serbia and Northern Kosovo: Bioavailability and Uptake by Plants Species <i>Zea mays L.</i> and <i>Solanum tuberosum L.</i> . <i>Soil and Sediment Contamination</i> , 2015, 24, 656-674.	1.1	4
71	Hepatoprotective Effect of Mixture of Dipropyl Polysulfides in Concanavalin A-Induced Hepatitis. <i>Nutrients</i> , 2021, 13, 1022.	1.7	4
72	Triethanolamine as an efficient cosolvent for biodiesel production by CaO-catalyzed sunflower oil ethanolysis: An optimization study. <i>Hemijaska Industrija</i> , 2019, 73, 351-362.	0.3	4

#	ARTICLE	IF	CITATIONS
73	Redox properties of alkyl-substituted 4-aryl-2,4-dioxobutanoic acids. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 303-316.	0.4	4
74	Content and Distribution of Macroelements, Microelements, and Rare-Earth Elements in Different Tomato Varieties as a Promising Tool for Monitoring the Distinction between the Integral and Organic Systems of Production in Zeleni hitâ€™Official Enza and Vitalis Trial and Breeding Station. <i>Agriculture (Switzerland)</i> , 2021, 11, 1009.	1.4	4
75	Influence of various cosolvents on the calcium oxide-catalyzed ethanolysis of sunflower oil. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 253-265.	0.4	4
76	Electrochemical Degradation of Triketone Herbicides and Identification of Their Main Degradation Products. <i>Clean - Soil, Air, Water</i> , 2015, 43, 1093-1099.	0.7	3
77	Determination of iodide and bromide by flow methods with amperometric detection. <i>Journal of Analytical Chemistry</i> , 2008, 63, 907-913.	0.4	2
78	Determination of trace elements in refined gold samples by inductively coupled plasma atomic emission spectrometry. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 565-577.	0.4	2
79	Kinetic investigations of the electrochemical bromination of peracetylated d-glucal in organic solvents. <i>Electrochimica Acta</i> , 2011, 56, 9968-9972.	2.6	1
80	Arsenic removal from aqueous solutions by sorption onto zirconium- and titanium-modified sorbents. <i>Journal of the Serbian Chemical Society</i> , 2011, 76, 1427-1436.	0.4	1
81	Development and validation of a simple thin-layer chromatographic method for the analysis of p-chlorophenol in treated wastewater. <i>Journal of the Serbian Chemical Society</i> , 2012, 77, 1649-1659.	0.4	1
82	Oxidative degradation and mineralization of bentazone from water. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2020, 55, 1069-1079.	0.7	1
83	Degradation of benzodiazepines using water falling film dielectric barrier discharge reactor. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 933-942.	0.4	1
84	Modified bentonite as adsorbent and catalyst for purification of wastewaters containing dyes. <i>Hemijaska Industrija</i> , 2010, 64, 193-199.	0.3	0