

# Dusan Z Mijin

## List of Publications by Citations

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170  
papers

1,753  
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22  
h-index

33  
g-index

179  
ext. papers

1,998  
ext. citations

2.4  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
170	A study of the photocatalytic degradation of metamitron in ZnO water suspensions. <i>Desalination</i> , <b>2009</b> , 249, 286-292	10.3	74
169	Effect of inorganic ions, photosensitisers and scavengers on the photocatalytic degradation of nicosulfuron. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2017</b> , 336, 146-155	4.7	68
168	The <i>Candida rugosa</i> lipase catalyzed synthesis of amyl isobutyrate in organic solvent and solvent-free system: A kinetic study. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2006</b> , 38, 11-16		66
167	A study of the synergistic antilisterial effects of a sub-lethal dose of lactic acid and essential oils from <i>Thymus vulgaris</i> L., <i>Rosmarinus officinalis</i> L. and <i>Origanum vulgare</i> L.. <i>Food Chemistry</i> , <b>2007</b> , 104, 774-782	8.5	59
166	Synthesis of N-Substituted 4,6-Dimethyl-3-cyano-2-pyridones Under Microwave Irradiation. <i>Synthetic Communications</i> , <b>2006</b> , 36, 193-198	1.7	51
165	Adsorption of lipase from <i>Candida rugosa</i> on multi walled carbon nanotubes. <i>Journal of Industrial and Engineering Chemistry</i> , <b>2013</b> , 19, 279-285	6.3	48
164	The effect of substrate polarity on the lipase-catalyzed synthesis of aroma esters in solvent-free systems. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2007</b> , 45, 97-101		48
163	Study on the photocatalytic degradation of insecticide methomyl in water. <i>Desalination</i> , <b>2010</b> , 262, 228-234	10.3	46
162	Substituent and solvent effects on the UV/vis absorption spectra of 5-(3- and 4-substituted arylazo)-4,6-dimethyl-3-cyano-2-pyridones. <i>Chemical Physics Letters</i> , <b>2006</b> , 418, 223-229	2.5	39
161	Nanocrystalline CeO <sub>2</sub> -As effective adsorbent of azo dyes. <i>Langmuir</i> , <b>2014</b> , 30, 11582-90	4	38
160	Synthesis of aliphatic esters of cinnamic acid as potential lipophilic antioxidants catalyzed by lipase B from <i>Candida antarctica</i> . <i>Applied Biochemistry and Biotechnology</i> , <b>2013</b> , 170, 1560-73	3.2	38
159	Decolorization of anthraquinonic dyes from textile effluent using horseradish peroxidase: optimization and kinetic study. <i>Scientific World Journal, The</i> , <b>2015</b> , 2015, 371625	2.2	33
158	The impact of high-power ultrasound and microwave on the phenolic acid profile and antioxidant activity of the extract from yellow soybean seeds. <i>Industrial Crops and Products</i> , <b>2018</b> , 122, 223-231	5.9	31
157	Decolorization of textile dye CI Basic Yellow 28 with electrochemically generated active chlorine. <i>Chemical Engineering Journal</i> , <b>2012</b> , 204-206, 151-157	14.7	29
156	Benzylation of N-phenyl-2-phenylacetamide under microwave irradiation. <i>Journal of the Serbian Chemical Society</i> , <b>2008</b> , 73, 945-950	0.9	29
155	Covalently immobilized lipase catalyzing high-yielding optimized geranyl butyrate synthesis in a batch and fluidized bed reactor. <i>Journal of Molecular Catalysis B: Enzymatic</i> , <b>2012</b> , 75, 50-59		27
154	Immobilization of lipase from <i>Candida rugosa</i> on Sepabeads(□): the effect of lipase oxidation by periodates. <i>Bioprocess and Biosystems Engineering</i> , <b>2011</b> , 34, 803-10	3.7	26

153	The microwave-assisted synthesis of 5-aryloxy-4,6-disubstituted-3-cyano-2-pyridone dyes. <i>Dyes and Pigments</i> , <b>2010</b> , 85, 73-78	4.6	26
152	Studies on electrochemical oxidation of azithromycin and Hemomycin $\square$ at gold electrode in neutral electrolyte. <i>Electrochimica Acta</i> , <b>2006</b> , 51, 2407-2416	6.7	26
151	Photocatalytic degradation of azo pyridone dye: Optimization using response surface methodology. <i>Desalination and Water Treatment</i> , <b>2013</b> , 51, 2802-2812		24
150	Synthesis, structure and solvatochromic properties of some novel 5-aryloxy-6-hydroxy-4-(4-methoxyphenyl)-3-cyano-2-pyridone dyes: Hydrazone-azo tautomeric analysis. <i>Arabian Journal of Chemistry</i> , <b>2015</b> , 8, 269-278	5.9	23
149	On the structures of 5-(4-, 3- and 2-methoxyphenylazo)-3-cyano-1-ethyl-6-hydroxy-4-methyl-2-pyridone: An experimental and theoretical study. <i>Dyes and Pigments</i> , <b>2014</b> , 104, 160-168	4.6	23
148	Surface functionalization of oxidized multi-walled carbon nanotubes: Candida rugosa lipase immobilization. <i>Comptes Rendus Chimie</i> , <b>2016</b> , 19, 363-370	2.7	22
147	Immobilization of horseradish peroxidase onto kaolin. <i>Bioprocess and Biosystems Engineering</i> , <b>2016</b> , 39, 461-72	3.7	22
146	Influence of process parameters on the photodegradation of synthesized azo pyridone dye in TiO <sub>2</sub> water suspension under simulated sunlight. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2011</b> , 46, 70-9	2.3	22
145	The electrochemical behavior of erythromycin A on a gold electrode. <i>Electrochimica Acta</i> , <b>2008</b> , 54, 649-654	6.4	22
144	Photodegradation of an azo pyridone dye using TiO <sub>2</sub> films prepared by the spray pyrolysis method. <i>Chemical Engineering Journal</i> , <b>2012</b> , 180, 57-65	14.7	20
143	A kinetics study of the methomyl electrochemical degradation in the chloride containing solutions. <i>Applied Catalysis B: Environmental</i> , <b>2014</b> , 147, 429-438	21.8	19
142	Synthesis, structure and solvatochromic properties of some novel 5-aryloxy-6-hydroxy-4-phenyl-3-cyano-2-pyridone dyes. <i>Chemistry Central Journal</i> , <b>2012</b> , 6, 71		19
141	Photochemical Behavior of the Insecticide Methomyl Under Different Conditions. <i>Separation Science and Technology</i> , <b>2010</b> , 45, 1617-1627	2.5	19
140	Voltammetric and differential pulse determination of roxithromycin. <i>Electrochimica Acta</i> , <b>2010</b> , 56, 47-52	5.7	18
139	Synthesis, structure and solvatochromic properties of novel dyes derived from 4-(4-nitrophenyl)-3-cyano-2-pyridone. <i>Journal of Molecular Liquids</i> , <b>2014</b> , 196, 61-68	6	17
138	Use of Candida rugosa lipase immobilized on sepabeads for the amyl caprylate synthesis: batch and fluidized bed reactor study. <i>Electronic Journal of Biotechnology</i> , <b>2010</b> , 13, 0-0	3.1	17
137	The qualitative electrochemical determination of clarithromycin and spectroscopic detection of its structural changes at gold electrode. <i>Electrochemistry Communications</i> , <b>2007</b> , 9, 1643-1647	5.1	16
136	Solvent and structural effects on the spectral shifts of 5-(substituted phenylazo)-3-cyano-6-hydroxy-1-(2-hydroxyethyl)-4-methyl-2-pyridones. <i>Chemical Physics Letters</i> , <b>2014</b> , 615, 62-68	2.5	15

135	Microwave-assisted immobilization of lipase from <i>Candida rugosa</i> on Eupergit <sup>®</sup> supports. <i>Journal of Chemical Technology and Biotechnology</i> , <b>2009</b> , 84, 1642-1648	3.5	14
134	Solvent and Structural Effects on the UV-Vis Absorption Spectra of Some 4,6-Disubstituted-3-Cyano-2-Pyridones. <i>Journal of Solution Chemistry</i> , <b>2012</b> , 41, 1825-1835	1.8	13
133	A study of photocatalytic degradation of textile dye CI basic yellow 28 in water using P160 TiO <sub>2</sub> based catalyst. <i>Journal of the Serbian Chemical Society</i> , <b>2012</b> , 77, 1747-1757	0.9	13
132	A study of the electrochemical activity of some macrolide antibiotics on a gold electrode in a neutral electrolyte. <i>Journal of the Serbian Chemical Society</i> , <b>2007</b> , 72, 1427-1436	0.9	13
131	Synthesis of azo pyridone dyes. <i>Hemijaska Industrija</i> , <b>2011</b> , 65, 517-532	0.6	13
130	Oxidative degradation of Acid Blue 111 by electro-assisted Fenton process. <i>Journal of Water Process Engineering</i> , <b>2020</b> , 36, 101394	6.7	12
129	Lipase catalyzed synthesis of flavor esters in non-aqueous media: Optimization of the yield of pentyl 2-methylpropanoate by statistical analysis. <i>Journal of the Serbian Chemical Society</i> , <b>2008</b> , 73, 1139-1151	0.9	12
128	Decomposition of methomyl over supported iron catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , <b>2007</b> , 91, 53-59		12
127	Temperature dependence of the Kovats retention indices for alkyl 1, 3-diketones on a DB-5 capillary column. <i>Journal of the Serbian Chemical Society</i> , <b>2004</b> , 69, 759-767	0.9	12
126	Absorption and fluorescence spectral properties of azo dyes based on 3-amido-6-hydroxy-4-methyl-2-pyridone: Solvent and substituent effects. <i>Dyes and Pigments</i> , <b>2020</b> , 175, 108139	4.6	12
125	Immobilization of horseradish peroxidase onto Purolite <sup>®</sup> A109 and its anthraquinone dye biodegradation and detoxification potential. <i>Biotechnology Progress</i> , <b>2020</b> , 36, e2991	2.8	11
124	The use of a gold electrode for the determination of amphetamine derivatives and application to their analysis in human urine. <i>Journal of the Serbian Chemical Society</i> , <b>2013</b> , 78, 1373-1385	0.9	11
123	Determination of clopidogrel using square wave voltammetry at a gold electrode. <i>Journal of the Serbian Chemical Society</i> , <b>2013</b> , 78, 2131-2140	0.9	11
122	Synthesis, properties and color assessment of some new 5-(3- and 4-substituted phenylazo)-4,6-dimethyl-3-cyano-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2006</b> , 71, 435-444	0.9	11
121	Studies on the specificity of <i>Candida rugosa</i> lipase catalyzed esterification reactions in organic media. <i>Journal of the Serbian Chemical Society</i> , <b>2006</b> , 71, 31-41	0.9	11
120	The photocatalytic degradation of carbofuran and Furadan 35-ST: the influence of inert ingredients. <i>Environmental Science and Pollution Research</i> , <b>2017</b> , 24, 13808-13822	5.1	10
119	Removal of Anthraquinone Dye by Cross-Linked Enzyme Aggregates From Fresh Horseradish Extract. <i>Clean - Soil, Air, Water</i> , <b>2016</b> , 44, 891-900	1.6	10
118	The influence of polychromatic light on methomyl degradation in TiO <sub>2</sub> and ZnO aqueous suspension. <i>Desalination and Water Treatment</i> , <b>2014</b> , 52, 4342-4349		10

117	Synthesis of 5-(substituted phenylazo)-6-hydroxy-4-methyl-3-cyano-2-pyridones from ethyl 3-oxo-2-(substituted phenyldiazenyl)butanoates. <i>Journal of the Serbian Chemical Society</i> , <b>2011</b> , 76, 499-504	0.9	10
116	Photocatalytic degradation of textile dye CI Basic Yellow 28 in water by UV-A/TiO <sub>2</sub> . <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2007</b> , 13, 33-37	0.7	10
115	Solvent Effects on the Structure-Activity Relationship of Pharmacological Active 3-Substituted-5,5-Diphenylhydantoin. <i>Journal of Solution Chemistry</i> , <b>2007</b> , 36, 869-878	1.8	10
114	A QSAR study of acute toxicity of N-substituted fluoroacetamides to rats. <i>Chemosphere</i> , <b>2006</b> , 62, 641-9	8.4	10
113	Amoxicillin photodegradation by nanocrystalline TiO <sub>2</sub> . <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2017</b> , 23, 187-195	0.7	10
112	Electrooxidative Behavior of Arylazo Pyridone Dyes and Their Inclusion Complexes on Gold Electrode in 0.1 M NaOH. <i>Electrochimica Acta</i> , <b>2014</b> , 137, 705-713	6.7	9
111	A study of the electrochemical behavior of methomyl on a gold electrode in a neutral electrolyte. <i>Journal of the Serbian Chemical Society</i> , <b>2009</b> , 74, 573-579	0.9	9
110	The electrochemical behavior of commercial clarithromycin and spectroscopic detection of its structural changes. <i>Russian Journal of Electrochemistry</i> , <b>2008</b> , 44, 931-936	1.2	9
109	Degradation of azithromycin using Ti/RuO <sub>2</sub> anode as catalyst followed by DPV, HPLC-UV and MS analysis. <i>Chemical Papers</i> , <b>2017</b> , 71, 1217-1224	1.9	8
108	Experimental and theoretical insight into the electronic properties of 4-aryl-5-arylazo-3-cyano-6-hydroxy-2-pyridone dyes. <i>Coloration Technology</i> , <b>2017</b> , 133, 223-233	2	8
107	Substituent effect on IR, <sup>1</sup> H and <sup>13</sup> C NMR spectral data in n-(substituted phenyl)-2-cyanoacetamides: A correlation study. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2013</b> , 19, 67-78	0.7	8
106	The immobilization of lipase on Sepabeads: Coupling, characterization and application in geranyl butyrate synthesis in a low aqueous system. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2008</b> , 14, 245-249	0.7	8
105	Microwave assisted synthesis of 2-pyridone and 2-pyridone based compounds. <i>Hemijska Industrija</i> , <b>2014</b> , 68, 1-14	0.6	8
104	Synthesis and investigation of solvent effects on the ultraviolet absorption spectra of 1,3-bis-substituted-5,5-dimethylhydantoin. <i>Journal of the Serbian Chemical Society</i> , <b>2003</b> , 68, 699-706	0.9	8
103	Alkylation of N-substituted-2-phenylacetamides. <i>Journal of the Serbian Chemical Society</i> , <b>2004</b> , 69, 711-736	0.9	8
102	Investigation of the interfacial bonding in composite propellants. 1,3,5-trisubstituted isocyanurates as universal bonding agents. <i>Journal of the Serbian Chemical Society</i> , <b>2006</b> , 71, 445-458	0.9	8
101	An investigation of tebuconazole degradation using a gold electrode. <i>Comptes Rendus Chimie</i> , <b>2016</b> , 19, 639-645	2.7	8
100	Role of the bifurcated intramolecular hydrogen bond on the physico-chemical profile of the novel azo pyridone dyes. <i>Dyes and Pigments</i> , <b>2019</b> , 162, 562-572	4.6	8

99	Obtaining jute fabrics with enhanced sorption properties and closing the loop of their lifecycle. <i>Industrial Crops and Products</i> , <b>2021</b> , 171, 113913	5.9	8
98	Synthesis and thermal properties of arylazo pyridone dyes. <i>Dyes and Pigments</i> , <b>2019</b> , 170, 107602	4.6	7
97	A microwave approach to the synthesis of certain 4-substituted phenyl-6-phenyl-3-cyano-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2014</b> , 79, 759-765	0.9	7
96	Immobilization of horseradish peroxidase onto kaolin by glutaraldehyde method and its application in decolorization of anthraquinone dye. <i>Hemijaska Industrija</i> , <b>2016</b> , 70, 217-224	0.6	7
95	Synthesis and investigation of solvent effects on the ultraviolet absorption spectra of 5-substituted-4-methyl-3-cyano-6-hydroxy-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2001</b> , 66, 507-516	0.9	7
94	The immobilization of enzyme on Eupergit supports by covalent attachment. <i>Methods in Molecular Biology</i> , <b>2011</b> , 679, 99-111	1.4	7
93	On the azo dyes derived from benzoic and cinnamic acids used as photosensitizers in dye-sensitized solar cells. <i>Turkish Journal of Chemistry</i> , <b>2019</b> , 43, 1183-1203	1	6
92	Electrochemical determination of sildenafil citrate as standard, in tablets and spiked with human serum at gold and cystein modified gold electrode. <i>Journal of Electroanalytical Chemistry</i> , <b>2016</b> , 782, 103-107	4.1	6
91	Investigation of forced and total degradation products of amlodipine besylate by liquid chromatography and liquid chromatography-mass spectrometry. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2014</b> , 20, 295-304	0.7	6
90	Novel tetradentate diamine dioxime ligands: synthesis, characterization and in vivo behavior of their <sup>99m</sup> Tc-complexes. <i>Applied Organometallic Chemistry</i> , <b>2012</b> , 26, 347-355	3.1	6
89	A voltammetric method for the quantitative determination of midcamycin compared to its simultaneous HPLC determination. <i>Russian Journal of Electrochemistry</i> , <b>2011</b> , 47, 781-786	1.2	6
88	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> , <b>2010</b> , 16, 111-116	0.7	6
87	Synthesis, structure and solvatochromic properties of 5-(3- and 4-substituted phenylazo)-4,6-diphenyl-3-cyano-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2010</b> , 75, 1019-1032	0.9	6
86	Properties and synthesis of milrinone. <i>Hemijaska Industrija</i> , <b>2013</b> , 67, 17-25	0.6	6
85	Alkylation of N-substituted 2-phenylacetamides: Benzoylation of N-(4-chlorophenyl)-2-phenylacetamide. <i>Journal of the Serbian Chemical Society</i> , <b>2004</b> , 69, 85-92	0.9	6
84	Novel azo pyridone dyes based on dihydropyrimidinone skeleton: Synthesis, DFT study and anticancer activity. <i>Dyes and Pigments</i> , <b>2021</b> , 187, 109123	4.6	6
83	Structural, spectroscopic and computational study of 5-(substituted phenylazo)-3-cyano-1-ethyl-6-hydroxy-4-methyl-2-pyridones. <i>Coloration Technology</i> , <b>2018</b> , 134, 33-43	2	6
82	Use of carbon paste electrode and modified by gold nanoparticles for selected macrolide antibiotics determination as standard and in pharmaceutical preparations. <i>Journal of Electroanalytical Chemistry</i> , <b>2020</b> , 873, 114324	4.1	5

81	Solvatochromism and quantum mechanical investigation of disazo pyridone dye. <i>Coloration Technology</i> , <b>2018</b> , 134, 478-490	2	5
80	Spectroscopic and quantum mechanical investigation of N,N'-bisarylmalonamides: solvent and structural effects. <i>Journal of Molecular Modeling</i> , <b>2014</b> , 20, 2384	2	5
79	Electrochemical Oxidation of Donepezil and Its Voltammetric Determination at Gold Electrode. <i>Electroanalysis</i> , <b>2014</b> , 26, 893-897	3	5
78	A study of the photocatalytic degradation of methomyl by UV light. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2009</b> , 15, 17-19	0.7	5
77	Photodegradation of dimethenamid-P in deionised and ground water. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2016</b> , 22, 101-110	0.7	5
76	Correlation analysis of IR, 1H NMR and UV spectral data of alkyl and aryl 4,6-disubstituted-3-cyano-2-pyridones. Part I. <i>Arkivoc</i> , <b>2006</b> , 2006, 116-128	0.9	5
75	Agricultural waste as a source of peroxidase for wastewater treatment: Insight in kinetics and process parameters optimization for anthraquinone dye removal. <i>Environmental Technology and Innovation</i> , <b>2021</b> , 21, 101289	7	5
74	Azo-hydrazone tautomerism of aryl azo pyridone dyes. <i>Hemijaska Industrija</i> , <b>2013</b> , 67, 1-15	0.6	4
73	Electrochemical Degradation of the Pesticide Dimethenamid-P at Gold, DSA Platinum and Ruthenium Oxide Electrodes in Different Electrolytes. <i>Electroanalysis</i> , <b>2014</b> , 26, 1877-1880	3	4
72	A simple and convenient synthesis of tautomeric (6 or 2)-hydroxy-4-methyl-(2 or 6)-oxo-1-(substituted phenyl)-(1,2 or 1,6)-dihydropyridine-3-carbonitriles. <i>Monatshefte für Chemie</i> , <b>2013</b> , 144, 665-675	1.4	4
71	<sup>13</sup> C- and <sup>1</sup> H-NMR substituent-induced chemical shifts in N(1)-(4-substituted phenyl)-3-cyano-4,6-dimethyl-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2008</b> , 73, 513-524	0.9	4
70	The use of image analysis for the study of interfacial bonding in solid composite propellant. <i>Journal of the Serbian Chemical Society</i> , <b>2007</b> , 72, 1023-1030	0.9	4
69	Biodegradation of synthetic dyes by free and cross-linked peroxidase in microfluidic reactor. <i>Environmental Technology and Innovation</i> , <b>2022</b> , 26, 102373	7	4
68	Photocatalytic degradation of textile dye C.I. reactive orange 16 in TiO <sub>2</sub> water suspension by simulated solar light. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2007</b> , 13, 179-185	0.7	4
67	The qualitative determination of oseltamivir phosphate in Tamiflu <sup>®</sup> capsule by cyclic voltammetry. <i>Hemijaska Industrija</i> , <b>2011</b> , 65, 87-91	0.6	4
66	A study of substituent effects on the NH bond in alkyl and aryl 4,6-disubstituted-3-cyano-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2007</b> , 72, 1229-1236	0.9	4
65	Influence of microwave irradiation on hypochlorite decolorisation of synthetic dyes. <i>Materials Protection</i> , <b>2016</b> , 57, 63-70	0.4	4
64	Investigation of electrochemical behavior of anisomycin on gold electrode followed by HPLC/MS analysis. <i>Electrochemistry Communications</i> , <b>2015</b> , 58, 20-24	5.1	3

63	Photolysis of insecticide methomyl in various solvents: An experimental and theoretical study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2020</b> , 391, 112366	4.7	3
62	Kovats retention index-boiling point relationship of 2-phenyl-2-alkyl-acetonitriles on stationary phases of different polarity. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2005</b> , 11, 55-58	0.7	3
61	Optimization of the synthesis of N-alkyl and N,N-dialkyl thioureas from waste water containing ammonium thiocyanate. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2015</b> , 21, 501-510	0.7	3
60	Solvent effects on photodegradation of CI Reactive Orange 16 by simulated solar light. <i>Hemijaska Industrija</i> , <b>2008</b> , 62, 275-281	0.6	3
59	Continuous flow synthesis of some 6- and 1,6-substituted 3-cyano-4-methyl-2-pyridones. <i>Journal of the Serbian Chemical Society</i> , <b>2019</b> , 84, 531-538	0.9	3
58	Photocatalytic degradation of carbamate insecticides: Effect of different parameters. <i>Pesticidi i Fitomedicina = Pesticides and Phytomedicine</i> , <b>2019</b> , 34, 193-200	0.3	3
57	Covalent Immobilization of Enzymes on Eupergit Supports: Effect of the Immobilization Protocol. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1504, 75-91	1.4	3
56	Improvement of the Textile Industry Wastewater Decolorization Process Using Capillary Microreactor Technology. <i>International Journal of Environmental Research</i> , <b>2019</b> , 13, 213-222	2.9	3
55	Solvent and structural effects in tautomeric 2(6)-hydroxy-4-methyl-6(2)-oxo-1-(substituted phenyl)-1,2(1,6)-dihydropyridine-3-carbonitriles: UV, NMR and quantum chemical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2015</b> , 150, 575-85	4.4	2
54	Tautomerism in 8-(phenyldiazenyl)quinolin-5-ol: An attempt for pH activated rotary switch. <i>Dyes and Pigments</i> , <b>2020</b> , 182, 108628	4.6	2
53	Contribution to the Recent Advances in Electrochemical Analysis of Pharmaceuticals. <i>Modern Aspects of Electrochemistry</i> , <b>2016</b> , 89-195		2
52	Solvatochromism of Thiouracil Azo Dyes. <i>Journal of Solution Chemistry</i> , <b>2016</b> , 45, 885-906	1.8	2
51	Computational and spectroscopic data correlation study of N,N'-bisarylmalonamides (Part II). <i>Journal of Molecular Modeling</i> , <b>2015</b> , 21, 239	2	2
50	Immobilization of enzymes onto carbon nanotubes. <i>Hemijaska Industrija</i> , <b>2011</b> , 65, 423-430	0.6	2
49	Correlation analysis of IR, 1H and 13C NMR spectral data of N-alkyl and N-cycloalkyl cyanoacetamides. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2011</b> , 17, 307-314	0.7	2
48	The extremely high stability of carbofuran pesticide in acidic media. <i>Acta Periodica Technologica</i> , <b>2007</b> , 97-103	0.8	2
47	Influence of some sol-gel synthesis parameters of mesoporous TiO <sub>2</sub> on photocatalytic degradation of pollutants. <i>Chemical Industry and Chemical Engineering Quarterly</i> , <b>2016</b> , 22, 65-73	0.7	2
46	Modern catalysis in the synthesis of some pharmaceuticals and fine chemicals. <i>Hemijaska Industrija</i> , <b>2002</b> , 56, 10-16	0.6	2



45	Photocatalytic degradation of synthetic dye under sunlight. <i>Hemijska Industrija</i> , <b>2007</b> , 61, 7-12	0.6	2
44	Gas chromatographic retention indices for N-substituted amino s-triazines on capillary columns. Part V. Temperature dependence of the retention index. <i>Journal of the Serbian Chemical Society</i> , <b>2003</b> , 68, 825-831	0.9	2
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