

DuÅ;an Å½ Mijin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/330699/publications.pdf>

Version: 2024-02-01

174
papers

2,320
citations

236925

25
h-index

315739

38
g-index

179
all docs

179
docs citations

179
times ranked

2622
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of synthetic dyes by free and cross-linked peroxidase in microfluidic reactor. <i>Environmental Technology and Innovation</i> , 2022, 26, 102373.	6.1	17
2	Improvement of theoretical UV-Vis spectra calculations by empirical solvatochromic parameters: Case study of 5-arylazo-3-cyano-1-ethyl-6-hydroxy-4-methyl-2-pyridones. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 272, 120978.	3.9	1
3	Antioxidant and neuroprotective activities of selected 2-pyridones: In vitro and in silico study. <i>Journal of Molecular Structure</i> , 2022, 1256, 132546.	3.6	5
4	Soft <sc>3D</sc> hybrid network for delivery and controlled release of poorly soluble dihydropyrimidinone compound: An insight into the novel system for potential application in leukemia treatment. <i>Journal of Biomedical Materials Research - Part A</i> , 2022, , .	4.0	1
5	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> , 2021, 21, 101289.	6.1	16
6	Adsorption of anthraquinone dye AB111 from aqueous solution using synthesized alumina-iron oxide doped particles. <i>Science of Sintering</i> , 2021, 53, 91-117.	1.4	4
7	Electrochemical determination of sertraline in pharmaceutical formulation and serum using a gold electrode in a pH 8.4 bicarbonate solution. <i>Monatshefte für Chemie</i> , 2021, 152, 185-192.	1.8	5
8	Novel azo pyridone dyes based on dihydropyrimidinone skeleton: Synthesis, DFT study and anticancer activity. <i>Dyes and Pigments</i> , 2021, 187, 109123.	3.7	23
9	A detailed UV-Vis spectral investigation of six azo dyes derived from benzoic- and cinnamic acids: experimental and theoretical insight. <i>Comptes Rendus Chimie</i> , 2021, 24, 267-280.	0.5	1
10	Charge assisted assembly of zwitterionic pyridone hydrates. <i>Journal of Molecular Structure</i> , 2021, 1237, 130419.	3.6	2
11	Structural insight into the fiber dyeing ability: Pyridinium arylazo pyridone dyes. <i>Dyes and Pigments</i> , 2021, 195, 109741.	3.7	6
12	Obtaining jute fabrics with enhanced sorption properties and closing the loop of their lifecycle. <i>Industrial Crops and Products</i> , 2021, 171, 113913.	5.2	11
13	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> , 2020, 175, 108139.	3.7	27
14	Oxidative degradation of Acid Blue 111 by electro-assisted Fenton process. <i>Journal of Water Process Engineering</i> , 2020, 36, 101394.	5.6	21
15	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> , 2020, 873, 114324.	3.8	14
16	Immobilization of horseradish peroxidase onto Purolite® A109 and its anthraquinone dye biodegradation and detoxification potential. <i>Biotechnology Progress</i> , 2020, 36, e2991.	2.6	16
17	Tautomerism in 8-(phenyldiazenyl)quinolin-5-ol: An attempt for pH activated rotary switch. <i>Dyes and Pigments</i> , 2020, 182, 108628.	3.7	6
18	Photolysis of insecticide methomyl in various solvents: An experimental and theoretical study. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 391, 112366.	3.9	7

#	ARTICLE	IF	CITATIONS
19	A study of photocatalytic degradation of methomyl and its commercial product Lannate-90. Chemical Industry and Chemical Engineering Quarterly, 2020, 26, 237-247.	0.7	2
20	Investigation of direct electrochemical oxidation of neonicotinoid pesticide thiamethoxam in water. Scientific Technical Review, 2020, 70, 11-16.	0.3	1
21	On the azo dyes derived from benzoic and cinnamic acids used as photosensitizers in dye-sensitized solar cells. Turkish Journal of Chemistry, 2019, 43, 1183-1203.	1.2	12
22	Synthesis and thermal properties of arylazo pyridone dyes. Dyes and Pigments, 2019, 170, 107602.	3.7	11
23	Improvement of the Textile Industry Wastewater Decolorization Process Using Capillary Microreactor Technology. International Journal of Environmental Research, 2019, 13, 213-222.	2.3	6
24	Role of the bifurcated intramolecular hydrogen bond on the physico-chemical profile of the novel azo pyridone dyes. Dyes and Pigments, 2019, 162, 562-572.	3.7	14
25	Continuous flow synthesis of some 6- and 1,6-substituted 3-cyano-4-methyl-2-pyridones. Journal of the Serbian Chemical Society, 2019, 84, 531-538.	0.8	4
26	Photocatalytic degradation of carbamate insecticides: Effect of different parameters. Pesticidi i Fitomedicina = Pesticides and Phytomedicine, 2019, 34, 193-200.	0.2	3
27	Photochemical processes for removal of carbamate pesticides from water. Advanced Technologies, 2019, 8, 72-81.	0.4	4
28	On the synthesis of 3-cyano-6-hydroxy-4-methyl-2-pyridone at room temperature. Materials Protection, 2019, 60, 229-236.	0.9	0
29	Electrochemical stability of metformin in NaHCO ₃ and Na ₂ SO ₄ water solution at Au, GC and IrOx electrodes. Journal of the Serbian Chemical Society, 2019, 84, 1319-1327.	0.8	2
30	Structural, spectroscopic and computational study of 5-(substituted)-1-tolyl-2-oxo-1,2-dihydro-3H-benzopyridine-3-carboxylates. Journal of Molecular Structure, 2019, 1185, 126115.	1.5	8
31	Solvatochromism and quantum mechanical investigation of disazo pyridone dye. Coloration Technology, 2018, 134, 478-490.	1.5	6
32	The impact of high-power ultrasound and microwave on the phenolic acid profile and antioxidant activity of the extract from yellow soybean seeds. Industrial Crops and Products, 2018, 122, 223-231.	5.2	56
33	Degradation of nicosulfuron using fenton and fenton-like reactions. Chemical Industry and Chemical Engineering Quarterly, 2018, 24, 201-208.	0.7	3
34	Solvatochromism of 5-(4-substituted arylazo)-4-phenyl-6-methyl-3-cyano-2-pyridones. Materials Protection, 2018, 59, 117-125.	0.9	0
35	Alumina particles doped with ferric as efficient adsorbent for removal of Reactive Orange 16 from aqueous solutions. Science of Sintering, 2018, 50, 467-476.	1.4	0
36	Effect of inorganic ions, photosensitisers and scavengers on the photocatalytic degradation of nicosulfuron. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 336, 146-155.	3.9	119

#	ARTICLE	IF	CITATIONS
37	Degradation of azithromycin using Ti/RuO ₂ anode as catalyst followed by DPV, HPLC–UV and MS analysis. Chemical Papers, 2017, 71, 1217-1224.	2.2	10
38	The photocatalytic degradation of carbofuran and Furadan 35-ST: the influence of inert ingredients. Environmental Science and Pollution Research, 2017, 24, 13808-13822.	5.3	14
39	Electrochemical decolorization of C.I. Acid Orange 3 in the presence of sodium chloride at iridium oxide electrode. Chemical Papers, 2017, 71, 2173-2184.	2.2	2
40	Experimental and theoretical insight into the electronic properties of 4-aryloxy-5-aryloxy-2-cyano-6-hydroxy-2-pyridone dyes. Coloration Technology, 2017, 133, 223-233.	1.5	10
41	Covalent Immobilization of Enzymes on Eupergit® Supports: Effect of the Immobilization Protocol. Methods in Molecular Biology, 2017, 1504, 75-91.	0.9	3
42	Amoxicillin photodegradation by nanocrystalline TiO ₂ . Chemical Industry and Chemical Engineering Quarterly, 2017, 23, 187-195.	0.7	17
43	Low-temperature-synthesized RuO ₂ from acidic chloride solution for the electrode coating applications. Journal of the Serbian Chemical Society, 2017, 82, 695-709.	0.8	0
44	Synthesis of 4,6-dimethyl-3-cyano-2-pyridone catalysed by amino acids. Materials Protection, 2017, 58, 80-85.	0.9	1
45	Sol-gel synthesis of anatase nanopowders for efficient photocatalytic degradation of herbicide Clomazone in aqueous media. Science of Sintering, 2017, 49, 319-330.	1.4	0
46	An investigation of tebuconazole degradation using a gold electrode. Comptes Rendus Chimie, 2016, 19, 639-645.	0.5	14
47	Contribution to the Recent Advances in Electrochemical Analysis of Pharmaceuticals. Modern Aspects of Electrochemistry, 2016, , 89-195.	0.2	4
48	Electrochemical determination of sildenafil citrate as standard, in tablets and spiked with human serum at gold and cystein modified gold electrode. Journal of Electroanalytical Chemistry, 2016, 782, 103-107.	3.8	9
49	Removal of Anthraquinone Dye by Cross-Linked Enzyme Aggregates From Fresh Horseradish Extract. Clean - Soil, Air, Water, 2016, 44, 891-900.	1.1	17
50	Solvatochromism of Thiouracil Azo Dyes. Journal of Solution Chemistry, 2016, 45, 885-906.	1.2	3
51	Surface functionalization of oxidized multi-walled carbon nanotubes: Candida rugosa lipase immobilization. Comptes Rendus Chimie, 2016, 19, 363-370.	0.5	34
52	Immobilization of horseradish peroxidase onto kaolin. Bioprocess and Biosystems Engineering, 2016, 39, 461-472.	3.4	29
53	Influence of some sol-gel synthesis parameters of mesoporous TiO ₂ on photocatalytic degradation of pollutants. Chemical Industry and Chemical Engineering Quarterly, 2016, 22, 65-73.	0.7	2
54	Photodegradation of dimethenamid-P in deionised and ground water. Chemical Industry and Chemical Engineering Quarterly, 2016, 22, 101-110.	0.7	5

#	ARTICLE	IF	CITATIONS
55	Immobilization of horseradish peroxidase onto kaolin by glutaraldehyde method and its application in decolorization of anthraquinone dye. Hemijska Industrija, 2016, 70, 217-224.	0.7	8
56	Influence of microwave irradiation on hypochlorite decolorisation of synthetic dyes. Materials Protection, 2016, 57, 63-70.	0.9	4
57	Decolorization of Anthraquinonic Dyes from Textile Effluent Using Horseradish Peroxidase: Optimization and Kinetic Study. Scientific World Journal, The, 2015, 2015, 1-12.	2.1	49
58	Computational and spectroscopic data correlation study of N,N'-bisarylmalonamides (Part II). Journal of Molecular Modeling, 2015, 21, 239.	1.8	2
59	Solvent and structural effects in tautomeric 2(6)-hydroxy-4-methyl-6(2)-oxo-1-(substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 147 Td (phenylazo)-3-cyano 615, 62-68.	3.9	3
60	Investigation of electrochemical behavior of anisomycin on gold electrode followed by HPLC-MS/MS analysis. Electrochemistry Communications, 2015, 58, 20-24.	4.7	3
61	Synthesis, structure and solvatochromic properties of some novel 5-arylaazo-6-hydroxy-4-(4-methoxyphenyl)-3-cyano-2-pyridone dyes: Hydrazone-azo tautomeric analysis. Arabian Journal of Chemistry, 2015, 8, 269-278.	4.9	27
62	Liquid chromatography and liquid chromatography-mass spectrometry analysis of donepezil degradation products. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 447-455.	0.7	1
63	Optimization of the synthesis of N-alkyl and N,N-dialkyl thioureas from waste water containing ammonium thiocyanate. Chemical Industry and Chemical Engineering Quarterly, 2015, 21, 501-510.	0.7	4
64	Electrochemical decolorization of the reactive orange 16 dye using dimensionally stable Ti/PtOx anode. Journal of the Serbian Chemical Society, 2015, 80, 903-915.	0.8	9
65	Immobilization of peroxidase from fresh horseradish extract for anthraquinone dye decolorization. Materials Protection, 2015, 56, 335-339.	0.9	4
66	Synthesis, characterization and crystal structure of [Cu ₂ (LH) ₂](ClO ₄) ₂ . Influence of the weak Cu ^{II} -O(perchlorate) interaction on the structure of Cu ₂ N ₂ O ₂ metallocycle. Journal of the Serbian Chemical Society, 2014, 79, 545-556.	0.8	1
67	Optimization of electrochemical decolorization of certain arylazo pyridone dyes. Journal of the Serbian Chemical Society, 2014, 79, 1523-1536.	0.8	1
68	Hydro- and solvothermally-prepared ZnO and its catalytic effect on photodegradation of reactive orange 16 dye. Journal of the Serbian Chemical Society, 2014, 79, 1433-1443.	0.8	0
69	Investigation of forced and total degradation products of amlodipine besylate by liquid chromatography and liquid chromatography-mass spectrometry. Chemical Industry and Chemical Engineering Quarterly, 2014, 20, 295-304.	0.7	8
70	Solvent and structural effects on the spectral shifts of 5-(substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (phenylazo)-3-cyano 615, 62-68.	2.6	16
71	The influence of polychromatic light on methomyl degradation in TiO ₂ and ZnO aqueous suspension. Desalination and Water Treatment, 2014, 52, 4342-4349.	1.0	15
72	Electrochemical Degradation of the Pesticide Dimethenamid-EP at Gold, DSA Platinum and Ruthenium Oxide Electrodes in Different Electrolytes. Electroanalysis, 2014, 26, 1877-1880.	2.9	4

#	ARTICLE	IF	CITATIONS
73	A microwave approach to the synthesis of certain 4-substituted phenyl-6-phenyl-3-cyano-2-pyridones. Journal of the Serbian Chemical Society, 2014, 79, 759-765.	0.8	7
74	Diagnostic spectroscopic and computer-aided evaluation of malignancy from UV/VIS spectra of clear pleural effusions. Physica A: Statistical Mechanics and Its Applications, 2014, 403, 206-216.	2.6	0
75	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. Dyes and Pigments, 2014, 104, 160-168.	3.7	25
76	A kinetics study of the methomyl electrochemical degradation in the chloride containing solutions. Applied Catalysis B: Environmental, 2014, 147, 429-438.	20.2	29
77	Spectroscopic and quantum mechanical investigation of N,Nâ€²-bisarylmalonamides: solvent and structural effects. Journal of Molecular Modeling, 2014, 20, 2384.	1.8	6
78	Electrooxidative Behavior of Arylazo Pyridone Dyes and Their Inclusion Complexes on Gold Electrode in 0.1 M NaOH. Electrochimica Acta, 2014, 137, 705-713.	5.2	9
79	Electrochemical Oxidation of Donepezil and Its Voltammetric Determination at Gold Electrode. Electroanalysis, 2014, 26, 893-897.	2.9	8
80	Nanocrystalline CeO₂ as Effective Adsorbent of Azo Dyes. Langmuir, 2014, 30, 11582-11590.	3.5	49
81	Synthesis, structure and solvatochromic properties of novel dyes derived from 4-(4-nitrophenyl)-3-cyano-2-pyridone. Journal of Molecular Liquids, 2014, 196, 61-68.	4.9	18
82	Microwave assisted synthesis of 2-pyridone and 2-pyridone based compounds. Hemijska Industrija, 2014, 68, 1-14.	0.7	10
83	A new procedure for the treatment of an industrial waste containing flotation reagents. Hemijska Industrija, 2014, 68, 331-339.	0.7	1
84	Synthesis of Aliphatic Esters of Cinnamic Acid as Potential Lipophilic Antioxidants Catalyzed by Lipase B from Candida antarctica. Applied Biochemistry and Biotechnology, 2013, 170, 1560-1573.	2.9	47
85	New facile one-pot synthesis of S-alkyl thiolcarbamates from xanthogenate in water. Monatshefte F¼r Chemie, 2013, 144, 1833-1837.	1.8	2
86	Azo-hydrazone tautomerism of aryl azo pyridone dyes. Hemijska Industrija, 2013, 67, 1-15.	0.7	4
87	Photocatalytic degradation of azo pyridone dye: Optimization using response surface methodology. Desalination and Water Treatment, 2013, 51, 2802-2812.	1.0	25
88	A simple and convenient synthesis of tautomeric (6 or 2)-hydroxy-4-methyl-(2 or 6)-oxo-1-(substituted) Tj ETQq 0 0 0 rgBT /Overlock 10 T	1.8	5
89	Adsorption of lipase from Candida rugosa on multi walled carbon nanotubes. Journal of Industrial and Engineering Chemistry, 2013, 19, 279-285.	5.8	56
90	The use of a gold electrode for the determination of amphetamine derivatives and application to their analysis in human urine. Journal of the Serbian Chemical Society, 2013, 78, 1373-1385.	0.8	17

#	ARTICLE	IF	CITATIONS
91	Determination of clopidogrel using square wave voltammetry at a gold electrode. Journal of the Serbian Chemical Society, 2013, 78, 2131-2140.	0.8	12
92	Substituent effect on IR, 1H and 13C NMR spectral data in n-(substituted phenyl)-2-cyanoacetamides: A correlation study. Chemical Industry and Chemical Engineering Quarterly, 2013, 19, 67-78.	0.7	8
93	Enzymatic synthesis of vitamin B6 precursor. Journal of the Serbian Chemical Society, 2013, 78, 1491-1501.	0.8	1
94	Properties and synthesis of milrinone. Hemijska Industrija, 2013, 67, 17-25.	0.7	8
95	A study of photocatalytic degradation of textile dye CI basic yellow 28 in water using P160 TiO2 based catalyst. Journal of the Serbian Chemical Society, 2012, 77, 1747-1757.	0.8	15
96	Solvent and Structural Effects on the UV-Vis Absorption Spectra of Some 4,6-Disubstituted-3-Cyano-2-Pyridones. Journal of Solution Chemistry, 2012, 41, 1825-1835.	1.2	13
97	Decolorization of textile dye CI Basic Yellow 28 with electrochemically generated active chlorine. Chemical Engineering Journal, 2012, 204-206, 151-157.	12.7	41
98	Synthesis, structure and solvatochromic properties of some novel 5-arylaazo-6-hydroxy-4-phenyl-3-cyano-2-pyridone dyes. Chemistry Central Journal, 2012, 6, 71.	2.6	25
99	Novel tetradentate diamine dioxime ligands: synthesis, characterization and <i>in vivo</i> behavior of their Cu^{2+} complexes. Applied Organometallic Chemistry, 2012, 26, 347-355.	3.5	6
100	Photodegradation of an azo pyridone dye using TiO2 films prepared by the spray pyrolysis method. Chemical Engineering Journal, 2012, 180, 57-65.	12.7	22
101	Covalently immobilized lipase catalyzing high-yielding optimized geranyl butyrate synthesis in a batch and fluidized bed reactor. Journal of Molecular Catalysis B: Enzymatic, 2012, 75, 50-59.	1.8	39
102	Optimization of esterification activity of lipase from <i>Candida rugosa</i> immobilized using microwave irradiation. Hemijska Industrija, 2012, 66, 9-19.	0.7	0
103	Immobilization of enzymes onto carbon nanotubes. Hemijska Industrija, 2011, 65, 423-430.	0.7	4
104	A voltammetric method for the quantitative determination of midecamycin compared to its simultaneous HPLC determination. Russian Journal of Electrochemistry, 2011, 47, 781-786.	0.9	6
105	Immobilization of lipase from <i>Candida rugosa</i> on Sepabeads®: the effect of lipase oxidation by periodates. Bioprocess and Biosystems Engineering, 2011, 34, 803-810.	3.4	28
106	Influence of process parameters on the photodegradation of synthesized azo pyridone dye in TiO_2 water suspension under simulated sunlight. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2011, 46, 70-79.	1.7	25
107	Correlation analysis of IR, 1H and 13C NMR spectral data of N-alkyl and N-cycloalkyl cyanoacetamides. Chemical Industry and Chemical Engineering Quarterly, 2011, 17, 307-314.	0.7	2
108	Synthesis of 5-(substituted phenylazo)-6-hydroxy-4-methyl-3-cyano-2-pyridones from ethyl 3-oxo-2-(substituted phenyldiazenyl)butanoates. Journal of the Serbian Chemical Society, 2011, 76, 499-504.	0.8	15

#	ARTICLE	IF	CITATIONS
109	The Immobilization of Enzyme on Eupergit® Supports by Covalent Attachment. Methods in Molecular Biology, 2011, 679, 99-111.	0.9	9
110	The qualitative determination of oseltamivir phosphate in Tamiflu® capsule by cyclic voltammetry. Hemijska Industrija, 2011, 65, 87-91.	0.7	6
111	Synthesis of azo pyridone dyes. Hemijska Industrija, 2011, 65, 517-532.	0.7	13
112	Voltammetric and differential pulse determination of roxithromycin. Electrochimica Acta, 2010, 56, 47-52.	5.2	26
113	Study on the photocatalytic degradation of insecticide methomyl in water. Desalination, 2010, 262, 228-234.	8.2	59
114	The microwave-assisted synthesis of 5-arylaZO-4,6-disubstituted-3-cyano-2-pyridone dyes. Dyes and Pigments, 2010, 85, 73-78.	3.7	30
115	EI/MS/MS spectra of N-monosubstituted cyanoacetamides. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 387-397.	0.7	1
116	A study of the catalytic role of a gold electrode in the electrochemical activation of four macrolide antibiotics in sodium bicarbonate solution. Chemical Industry and Chemical Engineering Quarterly, 2010, 16, 111-116.	0.7	7
117	Synthesis, structure and solvatochromic properties of 5-(3- and 4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (0.8	8
118	Photochemical Behavior of the Insecticide Methomyl Under Different Conditions. Separation Science and Technology, 2010, 45, 1617-1627.	2.5	26
119	Use of Candida rugosa lipase immobilized on sepabeads for the amyl caprylate synthesis: batch and fluidized bed reactor study. Electronic Journal of Biotechnology, 2010, 13, 0-0.	2.2	20
120	Synthesis of monoacylglycerols by enzymatic methods. Hemijska Industrija, 2010, 64, 375-388.	0.7	0
121	Linear free energy relationships of the 13C NMR chemical shifts in 5-(3- and 4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td (0.5	2
122	A study of the electrochemical behavior of methomyl on a gold electrode in a neutral electrolyte. Journal of the Serbian Chemical Society, 2009, 74, 573-579.	0.8	12
123	Microwave-assisted immobilization of lipase from <i>Candida rugosa</i> on Eupergit® supports. Journal of Chemical Technology and Biotechnology, 2009, 84, 1642-1648.	3.2	17
124	A study of the photocatalytic degradation of metamitron in ZnO water suspensions. Desalination, 2009, 249, 286-292.	8.2	84
125	A study of the photocatalytic degradation of methomyl by UV light. Chemical Industry and Chemical Engineering Quarterly, 2009, 15, 17-19.	0.7	7
126	Synthesis of B6 vitamin. Hemijska Industrija, 2009, 63, 353-360.	0.7	1

#	ARTICLE	IF	CITATIONS
127	The electrochemical behavior of erythromycin A on a gold electrode. <i>Electrochimica Acta</i> , 2008, 54, 649-654.	5.2	24
128	The electrochemical behavior of commercial clarithromycin and spectroscopic detection of its structural changes. <i>Russian Journal of Electrochemistry</i> , 2008, 44, 931-936.	0.9	10
129	Benzylation of N-phenyl-2-phenylacetamide under microwave irradiation. <i>Journal of the Serbian Chemical Society</i> , 2008, 73, 945-950.	0.8	34
130	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> , 2008, 73, 1139-1151.	0.8	14
131	13C- and 1H-NMR substituent-induced chemical shifts in N(1)-(4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (phe	0.8	4
132	Immobilization of lipase on sepabeads and its application in pentyl octanoate synthesis in a low aqueous system. <i>Acta Periodica Technologica</i> , 2008, , 139-152.	0.2	1
133	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> , 2008, 14, 245-249.	0.7	9
134	Solvent effects on photodegradation of CI Reactive Orange 16 by simulated solar light. <i>Hemijaska Industrija</i> , 2008, 62, 275-281.	0.7	4
135	The effects of zeolite and silica gel on synthesis of amylisobutyrate catalyzed by lipase from <i>Candida rugosa</i> . <i>Hemijaska Industrija</i> , 2008, 62, 64-68.	0.7	0
136	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> , 2007, 72, 1427-1436.	0.8	13
137	The use of image analysis for the study of interfacial bonding in solid composite propellant. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 1023-1030.	0.8	6
138	Photocatalytic degradation of textile dye CI Basic Yellow 28 in water by UV-A/TiO2. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2007, 13, 33-37.	0.7	10
139	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> , 2007, 104, 774-782.	8.2	70
140	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
141	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> , 2007, 45, 97-101.	1.8	57
142	Decomposition of methomyl over supported iron catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 2007, 91, 53-59.	0.6	13
143	Solvent Effects on the Structure-Activity Relationship of Pharmacological Active 3-Substituted-5,5-Diphenylhydantoins. <i>Journal of Solution Chemistry</i> , 2007, 36, 869-878.	1.2	10
144	The extremely high stability of carbofuran pesticide in acidic media. <i>Acta Periodica Technologica</i> , 2007, , 97-103.	0.2	4

#	ARTICLE	IF	CITATIONS
145	Photocatalytic degradation of textile dye C.I. reactive orange 16 in TiO ₂ water suspension by simulated solar light. Chemical Industry and Chemical Engineering Quarterly, 2007, 13, 179-185.	0.7	5
146	Photocatalytic degradation of synthetic dye under sunlight. Hemijska Industrija, 2007, 61, 7-12.	0.7	2
147	A study of substituent effects on the NH bond in alkyl and aryl 4,6-disubstituted-3-cyano-2-pyridones. Journal of the Serbian Chemical Society, 2007, 72, 1229-1236.	0.8	4
148	Synthesis of N-Substituted 4,6-Dimethyl-3-cyano-2-pyridones Under Microwave Irradiation. Synthetic Communications, 2006, 36, 193-198.	2.1	54
149	A QSAR study of acute toxicity of N-substituted fluoroacetamides to rats. Chemosphere, 2006, 62, 641-649.	8.2	11
150	Synthesis, properties and color assessment of some new 5-(3- and 4-substituted) 1,3,5-trisubstituted isocyanurates as universal bonding agents. Journal of the Serbian Chemical Society, 2006, 71, 445-458.	0.8	18
151	Studies on electrochemical oxidation of azithromycin and Hemomycin® at gold electrode in neutral electrolyte. Electrochimica Acta, 2006, 51, 2407-2416.	5.2	32
152	Substituent and solvent effects on the UV/vis absorption spectra of 5-(3- and 4-substituted) 1,3,5-trisubstituted isocyanurates as universal bonding agents. Journal of the Serbian Chemical Society, 2006, 71, 445-458.	2.6	43
153	The Candida rugosa lipase catalyzed synthesis of amyl isobutyrate in organic solvent and solvent-free system: A kinetic study. Journal of Molecular Catalysis B: Enzymatic, 2006, 38, 11-16.	1.8	73
154	Studies on the specificity of Candida rugosa lipase catalyzed esterification reactions in organic media. Journal of the Serbian Chemical Society, 2006, 71, 31-41.	0.8	17
155	Investigation of the interfacial bonding in composite propellants. 1,3,5-trisubstituted isocyanurates as universal bonding agents. Journal of the Serbian Chemical Society, 2006, 71, 445-458.	0.8	10
156	Correlation analysis of IR, ¹ H NMR and UV spectral data of alkyl and aryl 4,6-disubstituted-3-cyano-2-pyridones. Part I. Arkivoc, 2006, 2006, 116-128.	0.5	5
157	The temperature dependence of the retention index for n-alkyl esters of acetic, propionic, cyclohexanecarboxylic, benzoic and phenylacetic acid on DB-1 and DB-5 capillary columns. Journal of the Serbian Chemical Society, 2006, 71, 629-637.	0.8	0
158	RP TLC of some newly synthesized azo-dye derivatives. Journal of Planar Chromatography - Modern TLC, 2006, 19, 98-103.	1.2	0
159	Alkylation of N-Substituted 2-Phenylacetamides. ChemInform, 2005, 36, no.	0.0	0
160	Kovats retention index-boiling point relationship of 2-phenyl-2-alkyl-acetonitriles on stationary phases of different polarity. Chemical Industry and Chemical Engineering Quarterly, 2005, 11, 55-58.	0.7	3
161	Microwaves in organic chemistry and organic chemical. Hemijska Industrija, 2005, 59, 224-229.	0.7	1
162	Photo degradation of synthetic dyes under visible and solar light. Hemijska Industrija, 2005, 59, 332-338.	0.7	0

#	ARTICLE	IF	CITATIONS
163	Alkylation of N-substituted 2-phenylacetamides: Benzylolation of N-(4-chlorophenyl)-2-phenylacetamide. Journal of the Serbian Chemical Society, 2004, 69, 85-92.	0.8	6
164	Alkylation of N-substituted-2-phenylacetamides. Journal of the Serbian Chemical Society, 2004, 69, 711-736.	0.8	10
165	Temperature dependence of the Kovats retention indices for alkyl 1, 3-diketones on a DB-5 capillary column. Journal of the Serbian Chemical Society, 2004, 69, 759-767.	0.8	14
166	Enalapril: Synthesis and properties. Hemijska Industrija, 2004, 58, 355-366.	0.7	0
167	Ibuprofen: Synthesis, production and properties. Hemijska Industrija, 2003, 57, 199-214.	0.7	2
168	Synthesis and investigation of solvent effects on the ultraviolet absorption spectra of 1, 3-bis-substituted-5, 5-dimethylhydantoins. Journal of the Serbian Chemical Society, 2003, 68, 699-706.	0.8	9
169	Gas chromatographic retention indices for N-substituted amino s-triazines on capillary columns. Part V. Temperature dependence of the retention index. Journal of the Serbian Chemical Society, 2003, 68, 825-831.	0.8	2
170	Gas chromatographic retention indices for N-substituted amino s-triazines on capillary columns - Part IV: Influence of column polarity on retention index. Journal of the Serbian Chemical Society, 2003, 68, 557-564.	0.8	2
171	Modern catalysis in the synthesis of some pharmaceuticals and fine chemicals. Hemijska Industrija, 2002, 56, 10-16.	0.7	3
172	Acetylsalicylic acid: Incoming 150 years of the first synthesis. Hemijska Industrija, 2002, 56, 401-408.	0.7	1
173	Alkylation of N-substituted 2-phenylacetamides: Benzylolation of N-(4-nitrophenyl)-2-phenylacetamide. Journal of the Serbian Chemical Society, 2002, 67, 373-379.	0.8	3
174	Synthesis and investigation of solvent effects on the ultraviolet absorption spectra of 5-substituted-4-methyl-3-cyano-6-hydroxy-2-pyridones. Journal of the Serbian Chemical Society, 2001, 66, 507-516.	0.8	8