

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

236912

25
h-index

315719

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-aryloxy-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 3D 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 IrO _x electrodes. Journal of the Serbian Chemical Society, 2019, 84, 1319-1327. | 0.8 | 2 |
| 30 | Structural, spectroscopic and computational study of 5-(substituted) 1-(phenylazo)-3-pyridones. Journal of Photochemistry and Photobiology A: Chemistry, 2018, 358, 1-8. | 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 and UV and MS analysis. <i>Chemical Papers</i> , 2017, 71, 1217-1224. | 2.2 | 10 |
| 38 | The photocatalytic degradation of carbofuran and Furadan 35-ST: the influence of inert ingredients. <i>Environmental Science and Pollution Research</i> , 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. <i>Chemical Papers</i> , 2017, 71, 2173-2184. | 2.2 | 2 |
| 40 | Experimental and theoretical insight into the electronic properties of 4-aryloxy-5-aryloxy-3-cyano-6-hydroxy-2-pyridone dyes. <i>Coloration Technology</i> , 2017, 133, 223-233. | 1.5 | 10 |
| 41 | Covalent Immobilization of Enzymes on Eupergit® Supports: Effect of the Immobilization Protocol. <i>Methods in Molecular Biology</i> , 2017, 1504, 75-91. | 0.9 | 3 |
| 42 | Amoxicillin photodegradation by nanocrystalline TiO ₂ . <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2017, 23, 187-195. | 0.7 | 17 |
| 43 | Low-temperature-synthesized RuO ₂ from acidic chloride solution for the electrode coating applications. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 695-709. | 0.8 | 0 |
| 44 | Synthesis of 4,6-dimethyl-3-cyano-2-pyridone catalysed by amino acids. <i>Materials Protection</i> , 2017, 58, 80-85. | 0.9 | 1 |
| 45 | Sol-gel synthesis of anatase nanopowders for efficient photocatalytic degradation of herbicide Clomazone in aqueous media. <i>Science of Sintering</i> , 2017, 49, 319-330. | 1.4 | 0 |
| 46 | An investigation of tebuconazole degradation using a gold electrode. <i>Comptes Rendus Chimie</i> , 2016, 19, 639-645. | 0.5 | 14 |
| 47 | Contribution to the Recent Advances in Electrochemical Analysis of Pharmaceuticals. <i>Modern Aspects of Electrochemistry</i> , 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. <i>Journal of Electroanalytical Chemistry</i> , 2016, 782, 103-107. | 3.8 | 9 |
| 49 | Removal of Anthraquinone Dye by Cross-Linked Enzyme Aggregates From Fresh Horseradish Extract. <i>Clean - Soil, Air, Water</i> , 2016, 44, 891-900. | 1.1 | 17 |
| 50 | Solvatochromism of Thiouracil Azo Dyes. <i>Journal of Solution Chemistry</i> , 2016, 45, 885-906. | 1.2 | 3 |
| 51 | Surface functionalization of oxidized multi-walled carbon nanotubes: Candida rugosa lipase immobilization. <i>Comptes Rendus Chimie</i> , 2016, 19, 363-370. | 0.5 | 34 |
| 52 | Immobilization of horseradish peroxidase onto kaolin. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 461-472. | 3.4 | 29 |
| 53 | Influence of some sol-gel synthesis parameters of mesoporous TiO ₂ on photocatalytic degradation of pollutants. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2016, 22, 65-73. | 0.7 | 2 |
| 54 | Photodegradation of dimethenamid-P in deionised and ground water. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 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. <i>Hemijaska Industrija</i> , 2016, 70, 217-224. | 0.7 | 8 |
| 56 | Influence of microwave irradiation on hypochlorite decolorisation of synthetic dyes. <i>Materials Protection</i> , 2016, 57, 63-70. | 0.9 | 4 |
| 57 | Decolorization of Anthraquinonic Dyes from Textile Effluent Using Horseradish Peroxidase: Optimization and Kinetic Study. <i>Scientific World Journal</i> , The, 2015, 2015, 1-12. | 2.1 | 49 |
| 58 | Computational and spectroscopic data correlation study of N,N'-bisarylmalonamides (Part II). <i>Journal of Molecular Modeling</i> , 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 Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 150, 575-585. | 3.9 | 3 |
| 60 | Investigation of electrochemical behavior of anisomycin on gold electrode followed by HPLC-MS/MS analysis. <i>Electrochemistry Communications</i> , 2015, 58, 20-24. | 4.7 | 3 |
| 61 | 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> , 2015, 8, 269-278. | 4.9 | 27 |
| 62 | Liquid chromatography and liquid chromatography-mass spectrometry analysis of donepezil degradation products. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 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. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2015, 21, 501-510. | 0.7 | 4 |
| 64 | Electrochemical decolorization of the reactive orange 16 dye using dimensionally stable Ti/PtOx anode. <i>Journal of the Serbian Chemical Society</i> , 2015, 80, 903-915. | 0.8 | 9 |
| 65 | Immobilization of peroxidase from fresh horseradish extract for anthraquinone dye decolorization. <i>Materials Protection</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 545-556. | 0.8 | 1 |
| 67 | Optimization of electrochemical decolorization of certain arylazo pyridone dyes. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 1523-1536. | 0.8 | 1 |
| 68 | Hydro- and solvothermally-prepared ZnO and its catalytic effect on photodegradation of reactive orange 16 dye. <i>Journal of the Serbian Chemical Society</i> , 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. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 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. <i>Desalination and Water Treatment</i> , 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. <i>Electroanalysis</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 2014, 79, 759-765. | 0.8 | 7 |
| 74 | Diagnostic spectroscopic and computer-aided evaluation of malignancy from UV/VIS spectra of clear pleural effusions. <i>Physica A: Statistical Mechanics and Its Applications</i> , 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. <i>Dyes and Pigments</i> , 2014, 104, 160-168. | 3.7 | 25 |
| 76 | A kinetics study of the methomyl electrochemical degradation in the chloride containing solutions. <i>Applied Catalysis B: Environmental</i> , 2014, 147, 429-438. | 20.2 | 29 |
| 77 | Spectroscopic and quantum mechanical investigation of N,N-Ē²-bisarylmalonamides: solvent and structural effects. <i>Journal of Molecular Modeling</i> , 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. <i>Electrochimica Acta</i> , 2014, 137, 705-713. | 5.2 | 9 |
| 79 | Electrochemical Oxidation of Donepezil and Its Voltammetric Determination at Gold Electrode. <i>Electroanalysis</i> , 2014, 26, 893-897. | 2.9 | 8 |
| 80 | Nanocrystalline CeO₂ as Effective Adsorbent of Azo Dyes. <i>Langmuir</i> , 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. <i>Journal of Molecular Liquids</i> , 2014, 196, 61-68. | 4.9 | 18 |
| 82 | Microwave assisted synthesis of 2-pyridone and 2-pyridone based compounds. <i>Hemijaska Industrija</i> , 2014, 68, 1-14. | 0.7 | 10 |
| 83 | A new procedure for the treatment of an industrial waste containing flotation reagents. <i>Hemijaska Industrija</i> , 2014, 68, 331-339. | 0.7 | 1 |
| 84 | 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> , 2013, 170, 1560-1573. | 2.9 | 47 |
| 85 | New facile one-pot synthesis of S-alkyl thiolcarbamates from xanthogenate in water. <i>Monatshefte F¼r Chemie</i> , 2013, 144, 1833-1837. | 1.8 | 2 |
| 86 | Azo-hydrazone tautomerism of aryl azo pyridone dyes. <i>Hemijaska Industrija</i> , 2013, 67, 1-15. | 0.7 | 4 |
| 87 | Photocatalytic degradation of azo pyridone dye: Optimization using response surface methodology. <i>Desalination and Water Treatment</i> , 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 | 1.85 | 5 |
| 89 | Adsorption of lipase from <i>Candida rugosa</i> on multi walled carbon nanotubes. <i>Journal of Industrial and Engineering Chemistry</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 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 ^{99m}Tc 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. <i>Methods in Molecular Biology</i> , 2011, 679, 99-111. | 0.9 | 9 |
| 110 | The qualitative determination of oseltamivir phosphate in Tamiflu® capsule by cyclic voltammetry. <i>Hemijska Industrija</i> , 2011, 65, 87-91. | 0.7 | 6 |
| 111 | Synthesis of azo pyridone dyes. <i>Hemijska Industrija</i> , 2011, 65, 517-532. | 0.7 | 13 |
| 112 | Voltammetric and differential pulse determination of roxithromycin. <i>Electrochimica Acta</i> , 2010, 56, 47-52. | 5.2 | 26 |
| 113 | Study on the photocatalytic degradation of insecticide methomyl in water. <i>Desalination</i> , 2010, 262, 228-234. | 8.2 | 59 |
| 114 | The microwave-assisted synthesis of 5-aryloxy-4,6-disubstituted-3-cyano-2-pyridone dyes. <i>Dyes and Pigments</i> , 2010, 85, 73-78. | 3.7 | 30 |
| 115 | EI/MS/MS spectra of N-monosubstituted cyanoacetamides. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 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. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 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. <i>Separation Science and Technology</i> , 2010, 45, 1617-1627. | 2.5 | 26 |
| 119 | Use of <i>Candida rugosa</i> lipase immobilized on sepabeads for the amyl caprylate synthesis: batch and fluidized bed reactor study. <i>Electronic Journal of Biotechnology</i> , 2010, 13, 0-0. | 2.2 | 20 |
| 120 | Synthesis of monoacylglycerols by enzymatic methods. <i>Hemijska Industrija</i> , 2010, 64, 375-388. | 0.7 | 0 |
| 121 | Linear free energy relationships of the ¹³ C 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. <i>Journal of the Serbian Chemical Society</i> , 2009, 74, 573-579. | 0.8 | 12 |
| 123 | Microwave-assisted immobilization of lipase from <i>Candida rugosa</i> on Eupergit® supports. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1642-1648. | 3.2 | 17 |
| 124 | A study of the photocatalytic degradation of metamitron in ZnO water suspensions. <i>Desalination</i> , 2009, 249, 286-292. | 8.2 | 84 |
| 125 | A study of the photocatalytic degradation of methomyl by UV light. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2009, 15, 17-19. | 0.7 | 7 |
| 126 | Synthesis of B6 vitamin. <i>Hemijska Industrija</i> , 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 | Benylation 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 | ¹³ C- and ¹ H-NMR substituent-induced chemical shifts in N(1)-(4-substituted) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 Td (p | 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>Hemijska 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>Hemijska 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/TiO ₂ . <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-Diphenylhydantoin. <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. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2007, 13, 179-185. | 0.7 | 5 |
| 146 | Photocatalytic degradation of synthetic dye under sunlight. <i>Hemijska Industrija</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 2007, 72, 1229-1236. | 0.8 | 4 |
| 148 | Synthesis of N-Substituted 4,6-Dimethyl-3-cyano-2-pyridones Under Microwave Irradiation. <i>Synthetic Communications</i> , 2006, 36, 193-198. | 2.1 | 54 |
| 149 | A QSAR study of acute toxicity of N-substituted fluoroacetamides to rats. <i>Chemosphere</i> , 2006, 62, 641-649. | 8.2 | 11 |
| 150 | Synthesis, properties and color assessment of some new 5-(3- and 4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (phenylaz... | 0.8 | 18 |
| 151 | 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 |
| 152 | Substituent and solvent effects on the UV/vis absorption spectra of 5-(3- and 4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td | 2.6 | 43 |
| 153 | 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> , 2006, 38, 11-16. | 1.8 | 73 |
| 154 | Studies on the specificity of <i>Candida rugosa</i> lipase catalyzed esterification reactions in organic media. <i>Journal of the Serbian Chemical Society</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 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. <i>Arkivoc</i> , 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. <i>Journal of the Serbian Chemical Society</i> , 2006, 71, 629-637. | 0.8 | 0 |
| 158 | RP TLC of some newly synthesized azo-dye derivatives. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 98-103. | 1.2 | 0 |
| 159 | Alkylation of N-Substituted 2-Phenylacetamides. <i>ChemInform</i> , 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. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2005, 11, 55-58. | 0.7 | 3 |
| 161 | Microwaves in organic chemistry and organic chemical. <i>Hemijska Industrija</i> , 2005, 59, 224-229. | 0.7 | 1 |
| 162 | Photo degradation of synthetic dyes under visible and solar light. <i>Hemijska Industrija</i> , 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 |