

# Mohamed A Ismail

## List of Publications by Year in descending order

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108  
papers

3,245  
citations

147801

31  
h-index

175258

52  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3347  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Structure-specific recognition of quadruplex DNA by organic cations: Influence of shape, substituents and charge. <i>Biophysical Chemistry</i> , 2007, 126, 140-153.  | 2.8  | 182       |
| 2  | Câ€œquadruplexâ€œbinding small molecules ameliorate <i>C9orf72</i> <scp>FTD</scp> / <scp>ALS</scp> pathology <i>inÂvitro</i> and <i>inÂvivo</i>. <i>EMBO Molecular Medicine</i> , 2018, 10, 22-31.                            | 6.9  | 178       |
| 3  | Adsorption of Cu(II), Cd(II), Hg(II), Pb(II) and Zn(II) from aqueous single metal solutions by guanyl-modified cellulose. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 1538-1549.                   | 7.5  | 126       |
| 4  | Synthesis and Antiprotozoal Activity of Aza-Analogues of Furamide. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 4761-4769.   | 6.4  | 120       |
| 5  | Novel Dicationic Imidazo[1,2-a]pyridines and 5,6,7,8-Tetrahydro-imidazo[1,2-a]pyridines as Antiprotozoal Agents. <i>Journal of Medicinal Chemistry</i> , 2004, 47, 3658-3664.   | 6.4  | 118       |
| 6  | New Treatment Option for Second-Stage African Sleeping Sickness: In Vitro and In Vivo Efficacy of Aza Analogs of DB289. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 4185-4192.                                   | 3.2  | 111       |
| 7  | Accumulation and Intracellular Distribution of Antitrypanosomal Diamidine Compounds DB75 and DB820 in African Trypanosomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 2185-2191.                               | 3.2  | 100       |
| 8  | Synthesis and antiprotozoal activity of novel bis-benzamidino imidazo[1,2-a]pyridines and 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridines. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 683-691.                          | 3.0  | 92        |
| 9  | Targeting the DNA-binding activity of the human ERG transcription factor using new heterocyclic dithiophene diamidines. <i>Nucleic Acids Research</i> , 2013, 41, 125-138.  | 14.5 | 87        |
| 10 | Dicationic biphenyl benzimidazole derivatives as antiprotozoal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 5405-5413.   | 3.0  | 72        |
| 11 | Synthesis, DNA Affinity, and Antiprotozoal Activity of Linear Dications:Â Terphenyl Diamidines and Analogues. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5324-5332.  | 6.4  | 70        |
| 12 | Evaluation of 4-amidinophenyl-2,2â€²-bithiophene and its aza-analogue as novel corrosion inhibitors for CS in acidic media: Experimental and theoretical study. <i>Journal of Molecular Liquids</i> , 2017, 240, 372-388.     | 4.9  | 68        |
| 13 | Diphenyl Furans and Aza Analogs: Effects of Structural Modification on In Vitro Activity, DNA Binding, and Accumulation and Distribution in Trypanosomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 2801-2810. | 3.2  | 64        |
| 14 | Design of DNA Minor Groove Binding Diamidines That Recognize GC Base Pair Sequences:â€œ A Dimeric-Hinge Interaction Motif. <i>Journal of the American Chemical Society</i> , 2007, 129, 13732-13743.                          | 13.7 | 62        |
| 15 | Water-Mediated Binding of Agents that Target the DNA Minor Groove. <i>Journal of the American Chemical Society</i> , 2011, 133, 10171-10183.  | 13.7 | 60        |
| 16 | Out-of-Shape DNA Minor Groove Binders:â€œ Induced Fit Interactions of Heterocyclic Dications with the DNA Minor Groove. <i>Biochemistry</i> , 2005, 44, 14701-14708.  | 2.5  | 59        |
| 17 | Experimental and theoretical studies on corrosion inhibition of 4-amidinophenyl-2,2â€²-bifuran and its analogues in acidic media. <i>RSC Advances</i> , 2017, 7, 46414-46430.   | 3.6  | 59        |
| 18 | Dicationic near-linear biphenyl benzimidazole derivatives as DNA-targeted antiprotozoal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 6718-6726.  | 3.0  | 57        |

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|----|---|------|-----------|
| 19 | Novel pyrimidine-bichalcophene derivatives as corrosion inhibitors for copper in 1 M nitric acid solution. RSC Advances, 2021, 11, 25314-25333.   | 3.6  | 54        |
| 20 | Indole and Benzimidazole Bichalcophenes: Synthesis, DNA Binding and Antiparasitic Activity. European Journal of Medicinal Chemistry, 2018, 143, 1590-1596.  | 5.5  | 48        |
| 21 | Comprehensive investigations on the action of cationic terthiophene and bithiophene as corrosion inhibitors: experimental and theoretical studies. New Journal of Chemistry, 2019, 43, 768-789.                                     | 2.8  | 47        |
| 22 | A complementary experimental and in silico studies on the action of fluorophenyl-2,2'-bichalcophenes as ecofriendly corrosion inhibitors and biocide agents. Journal of Molecular Liquids, 2019, 276, 255-274.                      | 4.9  | 47        |
| 23 | Experimental, quantum chemical and molecular simulation studies on the action of arylthiophene derivatives as acid corrosion inhibitors. Journal of Molecular Liquids, 2019, 290, 111178.   | 4.9  | 41        |
| 24 | The position of imidazopyridine and metabolic activation are pivotal factors in the antimutagenic activity of novel imidazo[1,2-a]pyridine derivatives. European Journal of Pharmacology, 2013, 715, 212-218.                       | 3.5  | 40        |
| 25 | Anticancer, antioxidant activities, and DNA affinity of novel monocationic bithiophenes and analogues. Drug Design, Development and Therapy, 2014, 8, 1659.   | 4.3  | 38        |
| 26 | Synthesis and antiproliferative activity of monocationic arylthiophene derivatives. European Journal of Medicinal Chemistry, 2017, 126, 789-798.  | 5.5  | 38        |
| 27 | Synthesis and application of hydrazono-imidazoline modified cellulose for selective separation of precious metals from geological samples. Carbohydrate Polymers, 2020, 237, 116177.  | 10.2 | 37        |
| 28 | DNA Minor Groove Induced Dimerization of Heterocyclic Cations: Compound Structure, Binding Affinity, and Specificity for a TTAA Site. Journal of Molecular Biology, 2010, 402, 847-864.   | 4.2  | 36        |
| 29 | Synthesis and Antiprotozoal Activity of Dicationic <i>m</i> -Terphenyl and 1,3-Dipyridylbenzene Derivatives. Journal of Medicinal Chemistry, 2013, 56, 5473-5494.   | 6.4  | 35        |
| 30 | An efficient synthesis of 5,5'-diaryl-2,2'-bichalcophenes. Tetrahedron Letters, 2006, 47, 795-797.  | 1.4  | 33        |
| 31 | In vitrometabolism of an orally active O-methyl amidoxime prodrug for the treatment of CNS trypanosomiasis. Xenobiotica, 2005, 35, 211-226.   | 1.1  | 32        |
| 32 | Progress in the chemistry of 4-thiazolidinones. Journal of Heterocyclic Chemistry, 2008, 45, 939-956.   | 2.6  | 32        |
| 33 | A SiCl <sub>4</sub> -ZnCl <sub>2</sub> induced general, mild and efficient one-pot, three-component synthesis of $\beta$ -amido ketone libraries. Tetrahedron Letters, 2007, 48, 6199-6203.   | 1.4  | 31        |
| 34 | Biological, ultrastructural effect and subcellular localization of aromatic diamidines in <i>Trypanosoma cruzi</i> . Parasitology, 2010, 137, 251-259.  | 1.5  | 31        |
| 35 | Heterocyclic Diamidine DNA Ligands as HOXA9 Transcription Factor Inhibitors: Design, Molecular Evaluation, and Cellular Consequences in a HOXA9-Dependant Leukemia Cell Model. Journal of Medicinal Chemistry, 2019, 62, 1306-1329. | 6.4  | 31        |
| 36 | Peculiar reaction behaviour of barbituric acid derivatives towards aromatic amines. Tetrahedron, 1996, 52, 10147-10158.   | 1.9  | 30        |

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|----|---|------|-----------|
| 37 | Novel linear triaryl guanidines, N-substituted guanidines and potential prodrugs as antiprotozoal agents. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2901-2908.   | 5.5  | 28        |
| 38 | Synthesis and activity of azaterphenyl diamidines against <i>Trypanosoma brucei rhodesiense</i> and <i>Plasmodium falciparum</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 6651-6658.   | 3.0  | 27        |
| 39 | The adaptive potential of a survival artist: characterization of the <i>in vitro</i> interactions of <i>Toxoplasma gondii</i> tachyzoites with di-cationic compounds in human fibroblast cell cultures. <i>Parasitology</i> , 2012, 139, 208-220. | 1.5  | 27        |
| 40 | Synthesis, DNA affinity, and antimicrobial activity of 4-substituted phenyl-2,2-bichalcophenes and aza-analogues. <i>Medicinal Chemistry Research</i> , 2012, 21, 4074-4082.  | 2.4  | 27        |
| 41 | Azaterphenyl diamidines as antileishmanial agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 247-251.   | 2.2  | 26        |
| 42 | Anticancer activity, dual prooxidant/antioxidant effect and apoptosis induction profile of new bichalcophene-5-carboxamidines. <i>European Journal of Medicinal Chemistry</i> , 2019, 169, 76-88.   | 5.5  | 26        |
| 43 | Dicationic phenyl-2,2-bichalcophenes and analogues as antiprotozoal agents. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 978-984.  | 3.0  | 25        |
| 44 | Induced topological changes in DNA complexes: influence of DNA sequences and small molecule structures. <i>Nucleic Acids Research</i> , 2011, 39, 4265-4274.  | 14.5 | 25        |
| 45 | The Unusual Monomer Recognition of Guanine-Containing Mixed Sequence DNA by a Dithiophene Heterocyclic Diamidine. <i>Biochemistry</i> , 2014, 53, 1218-1227.  | 2.5  | 25        |
| 46 | Discovery of new G-quadruplex binding chemotypes. <i>Chemical Communications</i> , 2014, 50, 960-963.   | 4.1  | 24        |
| 47 | The Trypanocidal Activity of Amidine Compounds Does Not Correlate with Their Binding Affinity to <i>Trypanosoma cruzi</i> Kinetoplast DNA. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4765-4773.                                    | 3.2  | 23        |
| 48 | Trypanocidal activity and selectivity <i>in vitro</i> of aromatic amidine compounds upon bloodstream and intracellular forms of <i>Trypanosoma cruzi</i> . <i>Experimental Parasitology</i> , 2011, 127, 429-435.                                 | 1.2  | 21        |
| 49 | Synthesis of 5-(functionalized acyl)-1,3-dialkyl-substituted barbituric and 2-thiobarbituric acids. <i>Journal of Heterocyclic Chemistry</i> , 2001, 38, 359-363.   | 2.6  | 20        |
| 50 | <i>In Vitro</i> and <i>In Vivo</i> Evaluation of 28DAP010, a Novel Diamidine for Treatment of Second-Stage African Sleeping Sickness. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4452-4463.   | 3.2  | 20        |
| 51 | Heterocyclic Dications as a New Class of Telomeric G-Quadruplex Targeting Agents. <i>Current Pharmaceutical Design</i> , 2012, 18, 1934-1947.   | 1.9  | 19        |
| 52 | Synthesis and characterization of novel ion-imprinted guanyl-modified cellulose for selective extraction of copper ions from geological and municipality sample. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 625-634.  | 7.5  | 17        |
| 53 | Synthesis of new heterocycles festooned with thiophene and evaluating their antioxidant activity. <i>Journal of Heterocyclic Chemistry</i> , 2020, 57, 4153-4163.   | 2.6  | 17        |
| 54 | A new convenient procedure for the thionation of carbonyl compounds utilizing tetrachlorosilane-sodium sulfide. <i>Tetrahedron Letters</i> , 2009, 50, 5933-5936.   | 1.4  | 16        |

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|----|--|-----|-----------|
| 55 | Synthesis and biological evaluation of some new Thiazolo [3,2-a][1,3,5]triazine derivatives. <i>Medicinal Chemistry Research</i> , 2012, 21, 2615-2623.  | 2.4 | 16        |
| 56 | Safety, Pharmacokinetic, and Efficacy Studies of Oral DB868 in a First Stage Vervet Monkey Model of Human African Trypanosomiasis. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2230.   | 3.0 | 16        |
| 57 | Novel cationic aryl bithiophene/terthiophene derivatives as corrosion inhibitors by chemical, electrochemical and surface investigations. <i>Scientific Reports</i> , 2022, 12, 3192.  | 3.3 | 16        |
| 58 | Effect of solvent and encapsulation in $\beta$ -cyclodextrin on the photophysical properties of 4-[5-(thiophen-2-yl)furan-2-yl]benzamidinium. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 316, 52-61.                       | 3.9 | 15        |
| 59 | The inhibition action of methoxy-substituted phenylthienyl benzamidines on the corrosion of carbon steel in hydrochloric acid medium. <i>Journal of Molecular Liquids</i> , 2020, 312, 113267.   | 4.9 | 15        |
| 60 | Synthesis, antimicrobial activity and molecular modeling study of substituted 5-aryl-pyrimido[5,4-c]quinoline-2,4-diones. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2013, 28, 530-538.   | 5.2 | 14        |
| 61 | Evaluation of the biological activity of novel monocationic fluoroaryl-2,2'-bithiophenes and their analogues. <i>Drug Design, Development and Therapy</i> , 2014, 8, 963.  | 4.3 | 14        |
| 62 | An efficient synthesis of 5-(4-cyanophenyl)-2,2'-bifuran-5-carbonitrile and analogues. <i>Journal of Chemical Research</i> , 2006, 2006, 733-737.  | 1.3 | 13        |
| 63 | Synthesis of Novel Bithiophene-Substituted Heterocycles Bearing Carbonitrile Groups. <i>Synthetic Communications</i> , 2011, 41, 319-330.  | 2.1 | 12        |
| 64 | Microscopic Rearrangement of Bound Minor Groove Binders Detected by NMR. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5620-5627.  | 2.6 | 12        |
| 65 | Facile construction of substituted pyrimido[4,5-d]pyrimidones by transformation of enaminoouracil. <i>Journal of Advanced Research</i> , 2013, 4, 115-121.   | 9.5 | 12        |
| 66 | Synthesis of <i>N</i> -aryl 2-chloroacetamides and their chemical reactivity towards various types of nucleophiles. <i>Synthetic Communications</i> , 2020, 50, 289-314.   | 2.1 | 12        |
| 67 | In vitro activity and preliminary toxicity of various diamidine compounds against <i>Trypanosoma evansi</i> . <i>Veterinary Parasitology</i> , 2010, 169, 264-272.   | 1.8 | 11        |
| 68 | Pentamidine analogs as inhibitors of [3H]MK-801 and [3H]ifenprodil binding to rat brain NMDA receptors. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 4489-4500.   | 3.0 | 11        |
| 69 | Investigation of 6-[5-(4-Methoxyphenyl) furan-2-yl] Nicotinonitrile as a New Corrosion Inhibitor for Carbon Steel in Acidic Solution: Chemical, Electrochemical and Quantum Chemical Studies. <i>Journal of Bio- and Tribo-Corrosion</i> , 2019, 5, 1. | 2.6 | 11        |
| 70 | Solvatochromic behavior of D- $\beta$ -A bithiophene carbonitrile derivatives. <i>Journal of Molecular Liquids</i> , 2019, 286, 110856.  | 4.9 | 11        |
| 71 | Photophysical properties and fluorosolvatochromism of D- $\beta$ -A thiophene based derivatives. <i>RSC Advances</i> , 2020, 10, 43459-43471.  | 3.6 | 11        |
| 72 | Synthesis of deuterium and <sup>15</sup> N-labelled 2,5-Bis[5-amidino-2-pyridyl]furan and 2,5-Bis[5-(methoxyamidino)-2-pyridyl]furan. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2006, 49, 985-996.                               | 1.0 | 10        |

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|----|---|-----|-----------|
| 73 | Novel 4-substituted phenyl-2,2&#39;-bichalcophenes and aza-analogs as antibacterial agents: a structural activity relationship. <i>Drug Design, Development and Therapy</i> , 2013, 7, 185.   | 4.3 | 10        |
| 74 | CYP1A1 and CYP1B1-Mediated Biotransformation of the Antitrypanosomal Methamidoxime Prodrug DB844 Forms Novel Metabolites Through Intramolecular Rearrangement. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 337-349.                              | 3.3 | 10        |
| 75 | Green Fluorescent Diamidines as Diagnostic Probes for Trypanosomes. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 1793-1796.   | 3.2 | 10        |
| 76 | pH-controlled mixed micelle cloud point extraction for selective removal of trace levels of iron from titanium concentrates. <i>Separation and Purification Technology</i> , 2021, 265, 118534.   | 7.9 | 10        |
| 77 | Efficacy of two novel 2,2&#39;-bifurans to inhibit methicillin-resistant <i>Staphylococcus aureus</i> infection in male mice in comparison to vancomycin. <i>Drug Design, Development and Therapy</i> , 2012, 6, 279.                                       | 4.3 | 9         |
| 78 | Synthesis, antimicrobial, and antiproliferative activities of substituted phenylfuranlynicotinamides. <i>Drug Design, Development and Therapy</i> , 2016, 10, 1133.   | 4.3 | 9         |
| 79 | Silicon-mediated Direct Conversion of Acyl Chlorides to Carbamoyl Azides or/and Tetrazolinones under Mild Conditions. <i>Chemistry Letters</i> , 2011, 40, 1149-1151.   | 1.3 | 8         |
| 80 | Experimental and computational chemical studies on the cationic furanylnicotinamides as novel corrosion inhibitors in aqueous solutions. <i>Chinese Journal of Chemical Engineering</i> , 2020, 28, 477-491.  | 3.5 | 8         |
| 81 | A Review of Cationic Arylfurans and Their Isosteres: Synthesis and Biological Importance. <i>Current Organic Chemistry</i> , 2020, 23, 2751-2782.   | 1.6 | 8         |
| 82 | Synthesis of deuterium-labelled 6-[5-(4-amidinophenyl)furan-2-yl]nicotinamide and N-alkoxy-6-[5-[4-(N-alkoxyamidino)phenyl]-furan-2-yl]-nicotinamides. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2004, 47, 233-242.                   | 1.0 | 7         |
| 83 | Convenient Selective Synthesis of Substituted Pyrido[2,3-d]pyrimidones and Annulated Derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007, 62, 104-110.   | 0.7 | 7         |
| 84 | Efficacy Study of Novel Diamidine Compounds in a <i>Trypanosoma evansi</i> Goat Model. <i>PLoS ONE</i> , 2011, 6, e20836.   | 2.5 | 7         |
| 85 | Synthesis of new thienylpicolinamide derivatives and possible mechanisms of antiproliferative activity. <i>RSC Advances</i> , 2020, 10, 41165-41176.  | 3.6 | 7         |
| 86 | The Antitumor Activity of a Novel Fluorobenzamide against Dimethylhydrazine- Induced Colorectal Cancer in Rats. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 450-463.   | 1.7 | 7         |
| 87 | Synthesis and Transformations of 2-Substituted Tetrahydro-4 H -benzo[4,5]thieno[2,3-d][1,3]oxazines and 2,3-Disubstituted Hexahydrobenzo[4,5]thieno[2,3-d]pyrimidines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 245-259. | 1.6 | 6         |
| 88 | Synthesis of Benzyloxybromobenzonitriles. <i>Synthetic Communications</i> , 2004, 34, 751-758.  | 2.1 | 6         |
| 89 | Compartmental and Enzyme Kinetic Modeling To Elucidate the Biotransformation Pathway of a Centrally Acting Antitrypanosomal Prodrug. <i>Drug Metabolism and Disposition</i> , 2013, 41, 518-528.  | 3.3 | 6         |
| 90 | Anticancer activity of new cationic arylthiophenes against hepatocellular carcinoma. <i>Life Sciences</i> , 2021, 269, 119028.  | 4.3 | 6         |

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|-----|--|-----|-----------|
| 91  | 5-Arylidene-1,3-dialkylbarbituric acid derivatives as efficient corrosion inhibitors for carbon steel in molar hydrochloric acid solution. RSC Advances, 2022, 12, 10443-10459.  | 3.6 | 6         |
| 92  | Solvent polarity indicators based on bithiophene carboxamide hydrochloride salt derivatives. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 404, 112933.   | 3.9 | 5         |
| 93  | Corrosion inhibition of carbon steel in hydrochloric acid by cationic arylthiophenes as new eco-friendly inhibitors: Experimental and quantum chemical study. Chinese Journal of Chemical Engineering, 2021, 40, 197-217.                                      | 3.5 | 5         |
| 94  | A Synergistic Effect of <i>Moringa oleifera</i> -Based Coagulant and Ultrafiltration for the Wastewater Treatment Collected from Final ETP. Adsorption Science and Technology, 2022, 2022, .   | 3.2 | 5         |
| 95  | Synthesis and Characterization via Molecular Quantum Parameters of 2-H-Thiazolo[3,2-a]pyrimidine-3,5,7-trione. Journal of Heterocyclic Chemistry, 2012, 49, 494-498.   | 2.6 | 4         |
| 96  | Antiprotozoal agents as water soluble singlet oxygen photosensitizers: Imidazo[1,2-a]pyridine and 5,6,7,8-tetrahydro-imidazo[1,2-a]pyridine derivatives. Journal of Luminescence, 2017, 181, 164-170.  | 3.1 | 4         |
| 97  | Synthesis and spectroscopic studies of methoxy-substituted phenylthienylnicotinamides. Synthetic Communications, 2020, 50, 2355-2375.  | 2.1 | 4         |
| 98  | Synthesis of new thienylnicotinamides: Proapoptotic profile and cell cycle arrest of HepG2 cells. Archiv Der Pharmazie, 2022, 355, .   | 4.1 | 4         |
| 99  | Biological Insights of Fluoroaryl-2-Bichalcophene Compounds on Multi-Drug Resistant Staphylococcus aureus. Molecules, 2021, 26, 139.   | 3.8 | 3         |
| 100 | A GENERAL METHOD FOR ACYLATION OF 1,3-DIALKYL-SUBSTITUTED BARBITURIC AND 2-THIOBARBITURIC ACIDS. Heterocyclic Communications, 1999, 5, .   | 1.2 | 2         |
| 101 | Experimental and computational simulations for the effect of new Arylfuranylnicotinamide derivatives against degradation of carbon steel in acid solutions. Multidiscipline Modeling in Materials and Structures, 2019, 15, 1294-1317.                         | 1.3 | 2         |
| 102 | Utilization of 5-Chloro-2-(cyanoacetamido)pyridines in the Synthesis of Biologically Active Heterocyclic Hybrids. ChemistrySelect, 2020, 5, 1797-1802.   | 1.5 | 2         |
| 103 | New antiparasitic flexible triaryl diamidines, their prodrugs and aza analogues: Synthesis, in vitro and in vivo biological evaluation, and molecular modelling studies. European Journal of Medicinal Chemistry, 2021, 222, 113625.                           | 5.5 | 2         |
| 104 | Synthesis and biological evaluation of some heterocyclic scaffolds based on the multifunctional N-(4-acetylphenyl)-2-chloroacetamide. Journal of Heterocyclic Chemistry, 2020, 57, 3071-3081.  | 2.6 | 2         |
| 105 | Rapid adsorption of acid dyes using Cu(II) thiourea modified cellulose complex. International Journal of Biological Macromolecules, 2022, 205, 692-702.  | 7.5 | 2         |
| 106 | Design and synthesis of novel bichalcophene derivatives with double anchoring groups for dye-sensitized solar cell applications: sensitization and co-sensitization with N-719. Journal of Materials Science: Materials in Electronics, 2022, 33, 15665-15678. | 2.2 | 2         |
| 107 | Synthesis, Antiproliferative Activity, Apoptotic Profiling, and In silico ADME of New Thienylbenzamide Derivatives. ChemistrySelect, 2021, 6, 7644-7653.   | 1.5 | 1         |
| 108 | Synthesis of Benzyloxybromobenzonitriles.. ChemInform, 2004, 35, no.   | 0.0 | 0         |