

# Adel S Girgis

## List of Publications by Citations

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86  
papers

1,776  
citations

25  
h-index

38  
g-index

97  
ext. papers

2,038  
ext. citations

3.9  
avg, IF

5.01  
L-index

| #  | Paper   | IF  | Citations |
|----|---|-----|-----------|
| 86 | Regioselective synthesis of dispiro[1H-indene-2,3Tpyrrolidine-2T3T[3H]indole]-1,2T(1TH)-diones of potential anti-tumor properties. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 91-100              | 6.8 | 176       |
| 85 | Novel bis(1-acyl-2-pyrazolines) of potential anti-inflammatory and molluscicidal properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 3929-37  | 3.4 | 101       |
| 84 | Synthesis and QSAR study of novel cytotoxic spiro[3H-indole-3,2T(1TH)-pyrrolo[3,4-c]pyrrole]-2,3T5T(1H,2TH,4TH)-triones. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 47, 312-22                        | 6.8 | 88        |
| 83 | Regioselective synthesis and stereochemical structure of anti-tumor active dispiro[3H-indole-3,2Tpyrrolidine-3T3T[piperidine]-2(1H),4TFdiones. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 1257-64 | 6.8 | 59        |
| 82 | Design, synthesis and QSAR studies of dispiroindole derivatives as new antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 68, 339-51  | 6.8 | 55        |
| 81 | Novel antibacterial active quinolone-fluoroquinolone conjugates and 2D-QSAR studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 3816-21  | 2.9 | 53        |
| 80 | Facile synthesis of bis(4,5-dihydro-1H-pyrazole-1-carboxamides) and their thio-analogues of potential PGE(2) inhibitory properties. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 2172-7             | 6.8 | 52        |
| 79 | Design, synthesis, molecular docking and cytotoxic evaluation of novel 2-furybenzimidazoles as VEGFR-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 136, 315-329                            | 6.8 | 50        |
| 78 | Novel synthesis of nicotinamide derivatives of cytotoxic properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4466-76  | 3.4 | 47        |
| 77 | Synthesis, hypnotic properties and molecular modeling studies of 1,2,7,9-tetraaza-spiro[4.5]dec-2-ene-6,8,10-triones. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 4964-9                           | 6.8 | 42        |
| 76 | Synthesis of new 3-pyridinecarboxylates of potential vasodilation properties. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 1818-27  | 6.8 | 42        |
| 75 | Novel synthesis of [1]-benzothiepine[5,4-b]pyridine-3-carbonitriles and their anti-inflammatory properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2007</b> , 15, 2403-13   | 3.4 | 39        |
| 74 | Synthesis and molecular modeling of antimicrobial active fluoroquinolone-pyrazine conjugates with amino acid linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 2198-205                      | 2.9 | 36        |
| 73 | Fluorescence behavior of new 3-pyridinecarbonitrile containing compounds and their application in security paper. <i>Dyes and Pigments</i> , <b>2002</b> , 54, 1-10   | 4.6 | 34        |
| 72 | Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 143, 1524-1534   | 6.8 | 33        |
| 71 | Facile synthesis, vasorelaxant properties and molecular modeling studies of 2-amino-8a-methoxy-4H-pyrano[3,2-c]pyridine-3-carbonitriles. <i>European Journal of Medicinal Chemistry</i> , <b>2011</b> , 46, 2397-407      | 6.8 | 33        |
| 70 | Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 9492-503                                      | 3.9 | 31        |

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|----|---|-----|----|
| 69 | Computer-assisted rational design, synthesis, and bioassay of non-steroidal anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 50, 1-8  | 6.8 | 29 |
| 68 | Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. <i>Bioorganic and Medicinal Chemistry</i> , <b>2016</b> , 24, 3527-39  | 3.4 | 29 |
| 67 | Regioselective synthesis and molecular modeling study of vasorelaxant active 7,9-dioxa-1,2-diaza-spiro[4.5]dec-2-ene-6,10-diones. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 4229-38  | 6.8 | 27 |
| 66 | Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 6619-33   | 3.9 | 26 |
| 65 | Synthesis of novel vasodilatory active nicotinate esters with amino acid function. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8488-94  | 3.4 | 26 |
| 64 | Synthesis, and QSAR analysis of anti-oncological active spiro-alkaloids. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 1741-53  | 3.9 | 25 |
| 63 | Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. <i>Organic and Biomolecular Chemistry</i> , <b>2014</b> , 12, 7238-49  | 3.9 | 25 |
| 62 | Rational design, synthesis and QSAR study of vasorelaxant active 3-pyridinecarbonitriles incorporating 1H-benzimidazol-2-yl function. <i>European Journal of Medicinal Chemistry</i> , <b>2013</b> , 63, 14-21  | 6.8 | 25 |
| 61 | Facile synthesis of non-steroidal anti-inflammatory active bisbenzamide-containing compounds. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 8527-32   | 3.4 | 25 |
| 60 | Synthesis and QSAR study of novel anti-inflammatory active mesalazine-metronidazole conjugates. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2015</b> , 25, 2314-20   | 2.9 | 24 |
| 59 | Part I: Design, synthesis and biological evaluation of novel pyrazole-benzimidazole conjugates as checkpoint kinase 2 (Chk2) inhibitors with studying their activities alone and in combination with genotoxic drugs. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 134, 392-405 | 6.8 | 23 |
| 58 | Rational design, synthesis, and 2D-QSAR study of anti-oncological alkaloids against hepatoma and cervical carcinoma. <i>RSC Advances</i> , <b>2015</b> , 5, 28554-28569   | 3.7 | 23 |
| 57 | Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. <i>RSC Advances</i> , <b>2015</b> , 5, 14780-14787  | 3.7 | 21 |
| 56 | QSAR modeling, synthesis and bioassay of diverse leukemia RPMI-8226 cell line active agents. <i>European Journal of Medicinal Chemistry</i> , <b>2010</b> , 45, 5183-99   | 6.8 | 21 |
| 55 | Regioselective synthesis, stereochemical structure, spectroscopic characterization and geometry optimization of dispiro[3H-indole-3,2?-pyrrolidine-3?,3?-piperidines]. <i>Journal of Molecular Structure</i> , <b>2014</b> , 1075, 327-334  | 3.4 | 20 |
| 54 | Synthesis and molecular modeling studies of indole-based antitumor agents. <i>RSC Advances</i> , <b>2016</b> , 6, 45434-45459   | 3.4 | 19 |
| 53 | Synthesis, bioassay, and QSAR study of bronchodilatory active 4H-pyrano[3,2-c]pyridine-3-carbonitriles. <i>European Journal of Medicinal Chemistry</i> , <b>2015</b> , 89, 835-43   | 6.8 | 18 |
| 52 | Synthesis and DFT studies of an antitumor active spiro-oxindole. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 8017-8027  | 3.6 | 17 |

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|----|---|-----|----|
| 51 | Rational design, synthesis and 2D-QSAR studies of antiproliferative tropane-based compounds. <i>RSC Advances</i> , <b>2016</b> , 6, 101911-101923   | 3.7 | 17 |
| 50 | Synthesis of fluorescence active pyridinedicarbonitriles and studying their application in functional paper. <i>Materials Letters</i> , <b>2011</b> , 65, 1713-1718   | 3.3 | 17 |
| 49 | Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 196, 112293                     | 6.8 | 16 |
| 48 | Synthesis of [1,2,4]triazolo[1,5-a]pyridines of potential PGE2 inhibitory properties. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 1972-7   | 6.8 | 16 |
| 47 | Synthesis, quantitative structure-property relationship study of novel fluorescence active 2-pyrazolines and application. <i>Royal Society Open Science</i> , <b>2018</b> , 5, 171964                                 | 3.3 | 15 |
| 46 | Facile synthesis of dithiatetraaza-macrocycles of potential anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , <b>2008</b> , 43, 2116-21  | 6.8 | 14 |
| 45 | Synthesis and Stereochemical Structures of Novel Spiro[Benzocycloheptene-6(5H), 3?-[3H]Pyrazol]-5-Ones. <i>Journal of Chemical Research</i> , <b>2006</b> , 2006, 81-83   | 0.6 | 14 |
| 44 | Molecular structure studies of novel bronchodilatory-active 4-azafluorenes. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2016</b> , 231, 179-187  | 1   | 14 |
| 43 | 1FMethyl-4T(4-methyl-phen-yl)dispiro-[indane-2,3Tpyrrolidine-2T3TIndoline]-1,2Tdione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2197-8                                   |     | 13 |
| 42 | Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. <i>European Journal of Medicinal Chemistry</i> , <b>2017</b> , 138, 920-931                             | 6.8 | 12 |
| 41 | Regioselective synthetic approaches towards 1,2,8,9-tetraazadispiro[4.1.4.2]trideca-2,9-dien-6-ones of potential antimicrobial properties. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 2447-51 | 6.8 | 11 |
| 40 | New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105117  | 5.1 | 11 |
| 39 | Novel fluorescent security marker. Part II: application of novel 6-alkoxy-2-amino-3,5-pyridinedicarbonitrile nanoparticles in safety paper. <i>RSC Advances</i> , <b>2014</b> , 4, 59614-59625                        | 3.7 | 10 |
| 38 | Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates.. <i>Bioorganic Chemistry</i> , <b>2021</b> , 119, 105557   | 5.1 | 10 |
| 37 | Synthesis, X-ray powder diffraction and DFT calculations of vasorelaxant active 3-(arylmethylidene)pyrrolidine-2,5-diones. <i>RSC Advances</i> , <b>2016</b> , 6, 112950-112959                                       | 3.7 | 9  |
| 36 | Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid-isoniazid hybrid conjugates.. <i>RSC Advances</i> , <b>2019</b> , 9, 20450-20462                                  | 3.7 | 9  |
| 35 | Synthesis, bioassay, and molecular field topology analysis of diverse vasodilatory heterocycles. <i>Journal of Chemical Information and Modeling</i> , <b>2014</b> , 54, 1103-16                                      | 6.1 | 9  |
| 34 | Synthesis & molecular modeling studies of bronchodilatory active indole-pyridine conjugates. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 1787-1804  | 4.1 | 8  |

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|----|--|-----|---|
| 33 | A Convenient Regioselective Synthesis of 6-Amino-2-oxo-3,5-pyridinedicarbonitriles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2003</b> , 58, 678-685   | 1   | 8 |
| 32 | Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. <i>Future Medicinal Chemistry</i> , <b>2020</b> , 12, 1369-1386  | 4.1 | 8 |
| 31 | Synthesis, human topoisomerase II $\alpha$ inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics.. <i>RSC Advances</i> , <b>2019</b> , 9, 33761-33774   | 3.7 | 8 |
| 30 | Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides.. <i>RSC Advances</i> , <b>2019</b> , 9, 28534-28540   | 3.7 | 7 |
| 29 | New 2,4-disubstituted-2-thiopyrimidines as VEGFR-2 inhibitors: Design, synthesis, and biological evaluation. <i>Archiv Der Pharmazie</i> , <b>2019</b> , 352, e1900089   | 4.3 | 7 |
| 28 | 5-(Benzyl-iden-5-chloro-1-(dimethyl-4-phenyl-dispiro-[indoline-3,2-pyrrolidine-3]-piperidine)-2,4-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o22-3                                   |     | 7 |
| 27 | Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2019</b> , 19, 1069-1078                                      | 2.2 | 7 |
| 26 | Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinolone-dichloroacetic acid hybrids. <i>Chemical Biology and Drug Design</i> , <b>2020</b> , 95, 248-259   | 2.9 | 7 |
| 25 | Crystal Structure Studies and Bronchodilation Properties of Novel Benzocycloheptapyridines. <i>Journal of Chemical Crystallography</i> , <b>2016</b> , 46, 280-289   | 0.5 | 7 |
| 24 | Comparative DFT Computational Studies with Experimental Investigations for Novel Synthesized Fluorescent Pyrazoline Derivatives. <i>Journal of Fluorescence</i> , <b>2018</b> , 28, 913-931  | 2.4 | 7 |
| 23 | 5-Chloro-5-(4-chloro-benzyl-iden)-4-(4-chloro-phen-yl)-1-ethyl-1-methyl-dispiro-[indoline-3,2-pyrrolidine-3]-piperidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o43-4                   |     | 6 |
| 22 | 5-Chloro-5-(4-chloro-benzyl-iden)-4-(4-chloro-phen-yl)-1-(dimethyl-di-spiro-[indoline-3,2-pyrrolidine-3]-piperidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o379-80                     |     | 6 |
| 21 | A convenient synthesis of thiamacrocyclic dilactams. <i>Heteroatom Chemistry</i> , <b>2007</b> , 18, 249-254   | 1.2 | 6 |
| 20 | Novel regioselective synthesis of 3H,4H-spiro[chromene-3,2-[1,3,4]thiadiazol]-4-one containing compounds. <i>Journal of Heterocyclic Chemistry</i> , <b>2006</b> , 43, 1237-1242   | 1.9 | 6 |
| 19 | Regio- and stereoselective synthesis of spiro[1-benzothiepine-4(5h), 3-(3h)-pyrazol]-5-ones. <i>Journal of Heterocyclic Chemistry</i> , <b>2006</b> , 43, 1549-1556  | 1.9 | 6 |
| 18 | Stereoselective Synthesis, Structural and Spectroscopic Study of 4,5,11-Triazatricyclo[6.2.1.0*2,6*]Undec-5-ene. <i>Journal of Heterocyclic Chemistry</i> , <b>2016</b> , 53, 1074-1080  | 1.9 | 6 |
| 17 | 5-Chloro-5-(4-(di-methyl-amino)-benzyl-iden)-4-[4-(di-methyl-amino)-phen-yl]-1-(di-methyl-dispiro-[indoline-3,2-pyrrolidine-3]-piperidine. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o70-1 |     | 5 |
| 16 | Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2-pyrrolidine-3]-piperidines]. <i>RSC Advances</i> , <b>2020</b> , 10, 21830-21838   | 3.7 | 4 |

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|----|--|-----|---|
| 15 | Synthetic Approaches Towards 5H-Indeno[1,2-b]pyridines. <i>Journal of Chemical Research Synopses</i> , <b>1997</b> , 316-317   |     | 4 |
| 14 | Synthesis of Novel 2-Alkoxy-5H-benzo[6,7]cyclohepta[1,2-b]pyridine-3-carbonitriles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2003</b> , 58, 698-703 | 1   | 4 |
| 13 | Facile Regioselective Synthesis of 1,2,6,8-Tetraazaspiro[4.4]nona-2,6-dien-9-ones. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , <b>2000</b> , 55, 222-226  | 1   | 4 |
| 12 | 3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105131                                       | 5.1 | 4 |
| 11 | Synthetic approaches towards 5H-[1]benzopyrano[3,4-c]pyridin-5-ones. <i>Journal of Chemical Research</i> , <b>2005</b> , 2005, 38-40   | 0.6 | 3 |
| 10 | Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. <i>Bioorganic Chemistry</i> , <b>2021</b> , 117, 105466                                  | 5.1 | 3 |
| 9  | Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. <i>Medicinal Chemistry</i> , <b>2021</b> , 17, 71-84                  | 1.8 | 3 |
| 8  | Protective effects of bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. <i>Heliyon</i> , <b>2018</b> , 4, e00951                                     | 3.6 | 3 |
| 7  | Synthesis and X-ray Studies of Novel Azaphenanthrenes. <i>Journal of Chemical Research</i> , <b>2018</b> , 42, 90-95   | 0.6 | 2 |
| 6  | New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , <b>2021</b> , 16, 3418-3427                                       | 3.7 | 2 |
| 5  | Crystal Structures of Ethyl 4-(4-Fluorophenyl)-6-phenyl-2-substituted-3-pyridinecarboxylates. <i>Journal of Crystallography</i> , <b>2014</b> , 2014, 1-7                                      |     | 1 |
| 4  | Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates. <i>Pharmaceuticals</i> , <b>2022</b> , 15,  | 5.2 | 1 |
| 3  | Efficient Synthesis and Computational Studies of Useful Guanylyating Agents: 1H-Benzotriazole-1-carboximidamides. <i>ChemistrySelect</i> , <b>2020</b> , 5, 13963-13968                        | 1.8 | 1 |
| 2  | Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2018</b> , 233, 421-427                  | 1   | 1 |
| 1  | Novel nicotinate esters of vasodilatation activity. <i>Bollettino Chimico Farmaceutico</i> , <b>2004</b> , 143, 365-75   |     |   |