

# Adel S Girgis

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates.. <i>Pharmaceuticals</i> , <b>2022</b> , 15,	5.2	1
85	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
84	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
83	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
82	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
81	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
80	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , <b>2021</b> , 114, 105117	5.1	11
79	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2Fpyrrolidine-3T3Tpyrrolidines].. <i>RSC Advances</i> , <b>2020</b> , 10, 21830-21838	3.7	4
78	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
77	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
76	Efficient Synthesis and Computational Studies of Useful Guanylation Agents: 1H-Benzotriazole-1-carboximidamides. <i>ChemistrySelect</i> , <b>2020</b> , 5, 13963-13968	1.8	1
75	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
74	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides.. <i>RSC Advances</i> , <b>2019</b> , 9, 28534-28540	3.7	7
73	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
72	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
71	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
70	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

69	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
68	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
67	Synthesis & molecular modeling studies of bronchodilatory active indole-pyridine conjugates. <i>Future Medicinal Chemistry</i> , <b>2018</b> , 10, 1787-1804	4.1	8
66	Synthesis and X-ray Studies of Novel Azaphenanthrenes. <i>Journal of Chemical Research</i> , <b>2018</b> , 42, 90-95	0.6	2
65	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
64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	Crystal Structure Studies and Bronchodilation Properties of Novel Benzocycloheptapyridines. <i>Journal of Chemical Crystallography</i> , <b>2016</b> , 46, 280-289	0.5	7
55	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
54	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
53	Molecular structure studies of novel bronchodilatory-active 4-azafluorenes. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , <b>2016</b> , 231, 179-187	1	14
52	Synthesis and molecular modeling studies of indole-based antitumor agents. <i>RSC Advances</i> , <b>2016</b> , 6, 45434-45454	3.4	14

51	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
50	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
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	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 <sup>10</sup>	3.7	
37	5TfBenzyl-idene-5-chloro-1Tfdimethyl-4Tfphenyl-dispiro-[indoline-3,2Tfpyrrolidine-3Tf3Tfpiperidine]-2,4Tfdione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o22-3		7
36	5-Chloro-5Tf(4-chloro-benzyl-idene)-4Tf(4-chloro-phen-yl)-1Tfethyl-1Tfmethyl-dispiro-[indoline-3,2Tfpyrrolidine-3Tf3Tfpiperidine]-2,4Tfdione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o43-4		6
35	5-Chloro-5Tf[4-(di-methyl-amino)-benzyl-idene]-4Tf[4-(di-methyl-amino)-phen-yl]-1Tf1Tfdi-methyl-dispiro-[indoline-3,2Tfpyrrolidine-3Tf3Tfpiperidine]-2,4Tfdione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o70-1		5
34	5-Chloro-5Tf(4-chloro-benzyl-idene)-4Tf(4-chloro-phen-yl)-1Tf1Tfdimethyl-dispiro-[indoline-3,2Tfpyrrolidine-3Tf3Tfpiperidine]-2,4Tfdione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o379-80		6

33	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
32	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
31	Synthesis and QSAR study of novel cytotoxic spiro[3H-indole-3,2 $\pi$ (1H)-pyrrolo[3,4-c]pyrrole]-2,3 $\pi$ 5 $\pi$ (1H,2 $\pi$ H,4 $\pi$ )-triones. <i>European Journal of Medicinal Chemistry</i> , <b>2012</b> , 47, 312-22	6.8	88
30	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
29	1 $\pi$ Methyl-4 $\pi$ (4-methyl-phen-yl)dispiro-[indane-2,3 $\pi$ pyrrolidine-2 $\pi$ 3 $\pi$ indoline]-1,2 $\pi$ dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o2197-8		13
28	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
27	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
26	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
25	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
24	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
23	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
22	Regioselective synthesis of dispiro[1H-indene-2,3 $\pi$ pyrrolidine-2 $\pi$ 3 $\pi$ [3H]indole]-1,2 $\pi$ (1 $\pi$ H)-diones of potential anti-tumor properties. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 91-100	6.8	176
21	Regioselective synthesis and stereochemical structure of anti-tumor active dispiro[3H-indole-3,2 $\pi$ pyrrolidine-3 $\pi$ 3 $\pi$ piperidine]-2(1H),4 $\pi$ diones. <i>European Journal of Medicinal Chemistry</i> , <b>2009</b> , 44, 1257-64	6.8	59
20	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
19	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
18	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
17	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
16	A convenient synthesis of thiamacrocyclic dilactams. <i>Heteroatom Chemistry</i> , <b>2007</b> , 18, 249-254	1.2	6

15	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
14	Novel regioselective synthesis of 3?H,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
13	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
12	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
11	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
10	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
9	Novel synthesis of nicotinamide derivatives of cytotoxic properties. <i>Bioorganic and Medicinal Chemistry</i> , <b>2006</b> , 14, 4466-76	3.4	47
8	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
7	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
6	Novel nicotinate esters of vasodilatation activity. <i>Bollettino Chimico Farmaceutico</i> , <b>2004</b> , 143, 365-75		
5	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
4	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
3	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
2	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
1	Synthetic Approaches Towards 5H-Indeno[1,2-b]pyridines. <i>Journal of Chemical Research Synopses</i> , <b>1997</b> , 316-317		4