

# Adel S Girgis

## List of Publications by Year in descending order

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87  
papers

2,263  
citations

186265  
28  
h-index

254184  
43  
g-index

97  
all docs

97  
docs citations

97  
times ranked

1929  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates. <i>Bioorganic Chemistry</i> , 2022, 119, 105557.	4.1	25
2	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates. <i>Pharmaceuticals</i> , 2022, 15, 191.	3.8	6
3	Development of Isatin-Based Schiff Bases Targeting VEGFR Inhibition: Synthesis, Characterization, Antiproliferative Properties, and QSAR Studies. <i>ChemMedChem</i> , 2022, 17, .	3.2	8
4	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021, 114, 105131.	4.1	23
5	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , 2021, 16, 3418-3427.	3.2	17
6	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021, 114, 105117.	4.1	45
7	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. <i>Bioorganic Chemistry</i> , 2021, 117, 105466.	4.1	15
8	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinolone-dichloroacetic acid hybrids. <i>Chemical Biology and Drug Design</i> , 2020, 95, 248-259.	3.2	14
9	Efficient Synthesis and Computational Studies of Useful Guanylyating Agents: 1 H-Benzotriazole-carboximidamides. <i>ChemistrySelect</i> , 2020, 5, 13963-13968.	1.5	1
10	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. <i>Future Medicinal Chemistry</i> , 2020, 12, 1369-1386.	2.3	15
11	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2-pyrrolidine-3,3-pyrrolidines]. <i>RSC Advances</i> , 2020, 10, 21830-21838.	3.6	9
12	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. <i>European Journal of Medicinal Chemistry</i> , 2020, 196, 112293.	5.5	31
13	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. <i>Medicinal Chemistry</i> , 2020, 17, 71-84.	1.5	6
14	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acid-isoniazid hybrid conjugates. <i>RSC Advances</i> , 2019, 9, 20450-20462.	3.6	15
15	New 2,4-disubstituted-thiopyrimidines as VEGFR inhibitors: Design, synthesis, and biological evaluation. <i>Archiv Der Pharmazie</i> , 2019, 352, e1900089.	4.1	12
16	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides. <i>RSC Advances</i> , 2019, 9, 28534-28540.	3.6	9
17	Synthesis, human topoisomerase III $\alpha$ inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics. <i>RSC Advances</i> , 2019, 9, 33761-33774.	3.6	12
18	Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2019, 19, 1069-1078.	1.7	13

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19	Synthesis, quantitative structure–property relationship study of novel fluorescence active 2-pyrazolines and application. <i>Royal Society Open Science</i> , 2018, 5, 171964.	2.4	19
20	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 1524-1534.	5.5	47
21	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 421-427.	0.8	1
22	Protective effects of <i>Aporosa octandra</i> bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. <i>Heliyon</i> , 2018, 4, e00951.	3.2	4
23	Comparative DFT Computational Studies with Experimental Investigations for Novel Synthesized Fluorescent Pyrazoline Derivatives. <i>Journal of Fluorescence</i> , 2018, 28, 913-931.	2.5	11
24	Synthesis & molecular modeling studies of bronchodilatory active indole–pyridine conjugates. <i>Future Medicinal Chemistry</i> , 2018, 10, 1787-1804.	2.3	10
25	Synthesis and X-ray Studies of Novel Azaphenanthrenes. <i>Journal of Chemical Research</i> , 2018, 42, 90-95.	1.3	2
26	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> , 2017, 134, 392-405.	5.5	29
27	Design, synthesis, molecular docking and cytotoxic evaluation of novel 2-furybenzimidazoles as VEGFR-2 inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2017, 136, 315-329.	5.5	79
28	Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. <i>European Journal of Medicinal Chemistry</i> , 2017, 138, 920-931.	5.5	14
29	Crystal Structure Studies and Bronchodilation Properties of Novel Benzocycloheptapyridines. <i>Journal of Chemical Crystallography</i> , 2016, 46, 280-289.	1.1	7
30	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> , 2016, 53, 1074-1080.	2.6	8
31	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 3527-3539.	3.0	42
32	Molecular structure studies of novel bronchodilatory-active 4-azafluorenes. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2016, 231, 179-187.	0.8	14
33	Synthesis and molecular modeling studies of indole-based antitumor agents. <i>RSC Advances</i> , 2016, 6, 45434-45451.	3.6	20
34	Synthesis, X-ray powder diffraction and DFT calculations of vasorelaxant active 3-(arylmethylidene)pyrrolidine-2,5-diones. <i>RSC Advances</i> , 2016, 6, 112950-112959.	3.6	9
35	Rational design, synthesis and 2D-QSAR studies of antiproliferative tropane-based compounds. <i>RSC Advances</i> , 2016, 6, 101911-101923.	3.6	20
36	Synthesis and molecular modeling of antimicrobial active fluoroquinolone–pyrazine conjugates with amino acid linkers. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2198-2205.	2.2	46

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37	Rational design, synthesis, and 2D-QSAR study of anti-oncological alkaloids against hepatoma and cervical carcinoma. RSC Advances, 2015, 5, 28554-28569.	3.6	32
38	Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. RSC Advances, 2015, 5, 14780-14787.	3.6	25
39	Synthesis and DFT studies of an antitumor active spiro-oxindole. New Journal of Chemistry, 2015, 39, 8017-8027.	2.8	22
40	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	2.8	35
41	Synthesis and QSAR study of novel anti-inflammatory active mesalazine-metronidazole conjugates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2314-2320.	2.2	26
42	Rational design, synthesis and molecular modeling studies of novel anti-oncological alkaloids against melanoma. Organic and Biomolecular Chemistry, 2015, 13, 6619-6633.	2.8	34
43	Novel antibacterial active quinolone-fluoroquinolone conjugates and 2D-QSAR studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3816-3821.	2.2	64
44	Synthesis, and QSAR analysis of anti-oncological active spiro-alkaloids. Organic and Biomolecular Chemistry, 2015, 13, 1741-1753.	2.8	37
45	Synthesis, bioassay, and QSAR study of bronchodilatory active 4H-pyrano[3,2-c]pyridine-3-carbonitriles. European Journal of Medicinal Chemistry, 2015, 89, 835-843.	5.5	20
46	Crystal Structures of Ethyl 4-(4-Florophenyl)-6-phenyl-2-substituted-3-pyridinecarboxylates. Journal of Crystallography, 2014, 2014, 1-7.	0.0	1
47	Novel fluorescent security marker. Part II: application of novel 6-alkoxy-2-amino-3,5-pyridinedicarbonitrile nanoparticles in safety paper. RSC Advances, 2014, 4, 59614-59625.	3.6	12
48	5-Fluoro-2-benzylidene-5-chloro-1,1-dimethyl-4-phenylspiro[indoline-3,2-pyrrolidine-3,3'-piperidine]-2,4-dione. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o22-o23.	0.2	7
49	5-Chloro-5-(4-chlorobenzylidene)-4-(4-chlorophenyl)-1-ethyl-1-methylspiro[indoline-3,2-pyrrolidine-3,3'-piperidine]-2,4-dione. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o43-o44.	0.2	6
50	5-Chloro-5-(4-(dimethylamino)benzylidene)-4-(4-(dimethylamino)phenyl)-1-ethyl-1-dimethylspiro[indoline-3,2-pyrrolidine-3,3'-piperidine]-2,4-dione. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o70-o71.	0.2	3
51	5-Chloro-5-(4-chlorobenzylidene)-4-(4-chlorophenyl)-1,1-dimethylspiro[indoline-3,2-pyrrolidine-3,3'-piperidine]-2,4-dione. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o379-o380.	0.2	6
52	Regioselective synthesis, stereochemical structure, spectroscopic characterization and geometry optimization of dispiro[3H-indole-3,2-pyrrolidine-3,3'-piperidines]. Journal of Molecular Structure, 2014, 1075, 327-334.	3.6	24
53	Microwave assisted synthesis and QSAR study of novel NSAID acetaminophen conjugates with amino acid linkers. Organic and Biomolecular Chemistry, 2014, 12, 7238.	2.8	31
54	Synthesis, Bioassay, and Molecular Field Topology Analysis of Diverse Vasodilatory Heterocycles. Journal of Chemical Information and Modeling, 2014, 54, 1103-1116.	5.4	10

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55	Design, synthesis and QSAR studies of dispiroindole derivatives as new antiproliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 339-351.	5.5	65
56	Rational design, synthesis and QSAR study of vasorelaxant active 3-pyridinecarbonitriles incorporating 1H-benzimidazol-2-yl function. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 14-21.	5.5	31
57	1-Methyl-4-(4-methylphenyl)dispiro[indane-2,3-pyrrolidine-2,3'-indoline]-1,2'-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2197-o2198.	0.2	15
58	Synthesis and QSAR study of novel cytotoxic spiro[3H-indole-3,2-(1H)-pyrrolo[3,4-c]pyrrole]-2,3,5-(1H,2aH,4aH)-triones. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 312-322.	5.5	100
59	Computer-assisted rational design, synthesis, and bioassay of non-steroidal anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 50, 1-8.	5.5	34
60	Synthesis of fluorescence active pyridinedicarbonitriles and studying their application in functional paper. <i>Materials Letters</i> , 2011, 65, 1713-1718.	2.6	20
61	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> , 2011, 46, 4964-4969.	5.5	55
62	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> , 2011, 46, 2397-2407.	5.5	35
63	Regioselective synthesis and molecular modeling study of vasorelaxant active 7,9-dioxo-1,2-diaza-spiro[4.5]dec-2-ene-6,10-diones. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4229-4238.	5.5	33
64	QSAR modeling, synthesis and bioassay of diverse leukemia RPMI-8226 cell line active agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 5183-5199.	5.5	24
65	Facile synthesis of bis(4,5-dihydro-1H-pyrazole-1-carboxamides) and their thio-analogues of potential PGE2 inhibitory properties. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 2172-2177.	5.5	65
66	Regioselective synthesis of dispiro[1H-indene-2,3-pyrrolidine-2,3'-[3H]indole]-1,2'-diones of potential anti-tumor properties. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 91-100.	5.5	200
67	Regioselective synthesis and stereochemical structure of anti-tumor active dispiro[3H-indole-3,2-pyrrolidine-3,3'-piperidine]-2(1H),4-diones. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1257-1264.	5.5	68
68	Synthesis of [1,2,4]triazolo[1,5-a]pyridines of potential PGE2 inhibitory properties. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1972-1977.	5.5	23
69	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> , 2009, 44, 2447-2451.	5.5	14
70	Synthesis of new 3-pyridinecarboxylates of potential vasodilation properties. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 1818-1827.	5.5	45
71	Facile synthesis of dithiatetraaza-macrocycles of potential anti-inflammatory activity. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 2116-2121.	5.5	15
72	A convenient synthesis of thiamacrocyclic dilactams. <i>Heteroatom Chemistry</i> , 2007, 18, 249-254.	0.7	6

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73	Novel synthesis of [1]-benzothiepine[5,4-b]pyridine-3-carbonitriles and their anti-inflammatory properties. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 2403-2413.	3.0	42
74	Facile synthesis of non-steroidal anti-inflammatory active bisbenzamide-containing compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8527-8532.	3.0	26
75	Novel bis(1-acyl-2-pyrazolines) of potential anti-inflammatory and molluscicidal properties. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 3929-3937.	3.0	110
76	Novel synthesis of nicotinamide derivatives of cytotoxic properties. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 4466-4476.	3.0	50
77	Synthesis of novel vasodilatory active nicotinate esters with amino acid function. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 8488-8494.	3.0	28
78	Novel regioselective synthesis of 3- <i>H</i> ,4- <i>H</i> -spiro[chromene-3,2-[1,3,4]thiadiazol]-4-one containing compounds. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1237-1242.	2.6	11
79	Regio- and stereoselective synthesis of spiro[1-benzothiepine-4(5- <i>H</i> ), 3-(3- <i>H</i> )-pyrazol]-5-ones. <i>Journal of Heterocyclic Chemistry</i> , 2006, 43, 1549-1556.	2.6	9
80	Synthesis and Stereochemical Structures of Novel Spiro[Benzocycloheptene-6(5H), 3-[3H]Pyrazol]-5-Ones. <i>Journal of Chemical Research</i> , 2006, 2006, 81-83.	1.3	15
81	Synthetic approaches towards 5H-[1]benzopyrano[3,4-c]pyridin-5-ones. <i>Journal of Chemical Research</i> , 2005, 2005, 38-40.	1.3	5
82	Novel nicotinate esters of vasodilatation activity. <i>Bollettino Chimico Farmaceutico</i> , 2004, 143, 365-75.	0.1	0
83	A Convenient Regioselective Synthesis of 6-Amino-2-oxo-3,5-pyridinedicarbonitriles. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2003, 58, 678-685.	0.7	10
84	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> , 2003, 58, 698-703.	0.7	6
85	Fluorescence behavior of new 3-pyridinecarbonitrile containing compounds and their application in security paper. <i>Dyes and Pigments</i> , 2002, 54, 1-10.	3.7	35
86	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> , 2000, 55, 222-226.	0.7	7
87	Synthetic Approaches Towards 5H-Indeno[1,2-b]pyridines. <i>Journal of Chemical Research Synopses</i> , 1997, , 316-317.	0.3	6