Adel S Girgis

List of Publications by Year
in descending order

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	Regioselective synthesis of dispiro[1H-indene-2,3â€²-pyrrolidine-2â€²,3â€³-[3H]indole]-1,2â€³(1â€³H)-diones of potential anti-tumor properties. European Journal of Medicinal Chemistry, 2009, 44, 91-100.	5.5	200
2	Novel bis(1-acyl-2-pyrazolines) of potential anti-inflammatory and molluscicidal properties. Bioorganic and Medicinal Chemistry, 2006, 14, 3929-3937.	3.0	110
3	Synthesis and QSAR study of novel cytotoxic spiro[3H-indole-3,2â€²(1â€²H)-pyrrolo[3,4-c]pyrrole]-2,3â€²,5â€²(1H,2â€²aH,4â€²H)-triones. European Journal of Medicinal Chemistry, 2012, 47, 312-322.	3.9	100
4	Design, synthesis, molecular docking and cytotoxic evaluation of novel 2-furybenzimidazoles as VEGFR-2 inhibitors. European Journal of Medicinal Chemistry, 2017, 136, 315-329.	5.5	79
5	Regioselective synthesis and stereochemical structure of anti-tumor active dispiro[3H-indole-3,2â€²-pyrrolidine-3â€²,3â€³-piperidine]-2(1H),4â€³-diones. European Journal of Medicinal Chemistry, 2009, 44, 1257-1264.	5.5	68
6	Facile synthesis of bis(4,5-dihydro-1H-pyrazole-1-carboxamides) and their thio-analogues of potential PGE2 inhibitory properties. European Journal of Medicinal Chemistry, 2009, 44, 2172-2177.	5.5	65
7	Design, synthesis and QSAR studies of dispiroindole derivatives asÂnew antiproliferative agents. European Journal of Medicinal Chemistry, 2013, 68, 339-351.	5.5	65
8	Novel antibacterial active quinoloneâ€“fluoroquinolone conjugates and 2D-QSAR studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3816-3821.	2.2	64
9	Synthesis, hypnotic properties and molecular modeling studies of 1,2,7,9-tetraaza-spiro[4.5]dec-2-ene-6,8,10-triones. European Journal of Medicinal Chemistry, 2011, 46, 4964-4969.	5.5	55
10	Novel synthesis of nicotinamide derivatives of cytotoxic properties. Bioorganic and Medicinal Chemistry, 2006, 14, 4466-4476.	3.0	50
11	Synthesis, antibacterial properties and 2D-QSAR studies of quinolone-triazole conjugates. European Journal of Medicinal Chemistry, 2018, 143, 1524-1534.	5.5	47
12	Synthesis and molecular modeling of antimicrobial active fluoroquinoloneâ€“pyrazine conjugates with amino acid linkers. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2198-2205.	2.2	46
13	Synthesis of new 3-pyridinecarboxylates of potential vasodilation properties. European Journal of Medicinal Chemistry, 2008, 43, 1818-1827.	5.5	45
14	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105117.	4.1	45
15	Novel synthesis of [1]-benzothiepino[5,4-b]pyridine-3-carbonitriles and their anti-inflammatory properties. Bioorganic and Medicinal Chemistry, 2007, 15, 2403-2413.	3.0	42
16	Synthesis, antimalarial properties and 2D-QSAR studies of novel triazole-quinine conjugates. Bioorganic and Medicinal Chemistry, 2016, 24, 3527-3539.	3.0	42
17	Synthesis, and QSAR analysis of anti-oncological active spiro-alkaloids. Organic and Biomolecular Chemistry, 2015, 13, 1741-1753.	2.8	37
18	Fluorescence behavior of new 3-pyridinecarbonitrile containing compounds and their application in security paper. Dyes and Pigments, 2002, 54, 1-10.	3.7	35

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19	Facile synthesis, vasorelaxant properties and molecular modeling studies of 2-amino-8a-methoxy-4H-pyrano[3,2-c]pyridine-3-carbonitriles. European Journal of Medicinal Chemistry, 2011, 46, 2397-2407.	5.5	35
20	Macrocyclic peptidomimetics with antimicrobial activity: synthesis, bioassay, and molecular modeling studies. Organic and Biomolecular Chemistry, 2015, 13, 9492-9503.	2.8	35
21	Computer-assisted rational design, synthesis, and bioassay of non-steroidal anti-inflammatory agents. European Journal of Medicinal Chemistry, 2012, 50, 1-8.	5.5	34
22	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
23	Regioselective synthesis and molecular modeling study of vasorelaxant active 7,9-dioxa-1,2-diaza-spiro[4.5]dec-2-ene-6,10-diones. European Journal of Medicinal Chemistry, 2010, 45, 4229-4238.	5.5	33
24	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
25	Rational design, synthesis and QSAR study of vasorelaxant active 3-pyridinecarbonitriles incorporating 1H-benzimidazol-2-yl function. European Journal of Medicinal Chemistry, 2013, 63, 14-21.	5.5	31
26	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
27	Synthesis, pharmacological profile and 2D-QSAR studies of curcumin-amino acid conjugates as potential drug candidates. European Journal of Medicinal Chemistry, 2020, 196, 112293.	5.5	31
28	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. European Journal of Medicinal Chemistry, 2017, 134, 392-405.	5.5	29
29	Synthesis of novel vasodilatory active nicotinate esters with amino acid function. Bioorganic and Medicinal Chemistry, 2006, 14, 8488-8494.	3.0	28
30	Facile synthesis of non-steroidal anti-inflammatory active bisbenzamide-containing compounds. Bioorganic and Medicinal Chemistry, 2006, 14, 8527-8532.	3.0	26
31	Synthesis and QSAR study of novel anti-inflammatory active mesalazineâ€“metronidazole conjugates. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 2314-2320.	2.2	26
32	Regioselective synthesis and theoretical studies of an anti-neoplastic fluoro-substituted dispiro-oxindole. RSC Advances, 2015, 5, 14780-14787.	3.6	25
33	Design and synthesis of ibuprofen-quinoline conjugates as potential anti-inflammatory and analgesic drug candidates. Bioorganic Chemistry, 2022, 119, 105557.	4.1	25
34	QSAR modeling, synthesis and bioassay of diverse leukemia RPMI-8226 cell line active agents. European Journal of Medicinal Chemistry, 2010, 45, 5183-5199.	5.5	24
35	Regioselective synthesis, stereochemical structure, spectroscopic characterization and geometry optimization of dispiro[3H-indole-3,2â€²-pyrrolidine-3â€²,3â€³-piperidines]. Journal of Molecular Structure, 2014, 1075, 327-334.	3.6	24
36	Synthesis of [1,2,4]triazolo[1,5-a]pyridines of potential PGE2 inhibitory properties. European Journal of Medicinal Chemistry, 2009, 44, 1972-1977.	5.5	23

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37	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. Bioorganic Chemistry, 2021, 114, 105131.	4.1	23
38	Synthesis and DFT studies of an antitumor active spiro-oxindole. New Journal of Chemistry, 2015, 39, 8017-8027.	2.8	22
39	Synthesis of fluorescence active pyridinedicarbonitriles and studying their application in functional paper. Materials Letters, 2011, 65, 1713-1718.	2.6	20
40	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
41	Synthesis and molecular modeling studies of indole-based antitumor agents. RSC Advances, 2016, 6, 45434-45451.	3.6	20
42	Rational design, synthesis and 2D-QSAR studies of antiproliferative tropane-based compounds. RSC Advances, 2016, 6, 101911-101923.	3.6	20
43	Synthesis, quantitative structureâ€“property relationship study of novel fluorescence active 2-pyrazolines and application. Royal Society Open Science, 2018, 5, 171964.	2.4	19
44	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARSâ€CoVâ€2. ChemMedChem, 2021, 16, 3418-3427.	3.2	17
45	Synthesis and Stereochemical Structures of Novel Spiro[Benzocycloheptene-6(5H), 3â€²-[3H]Pyrazol]-5-Ones. Journal of Chemical Research, 2006, 2006, 81-83.	1.3	15
46	Facile synthesis of dithiatetraaza-macrocycles of potential anti-inflammatory activity. European Journal of Medicinal Chemistry, 2008, 43, 2116-2121.	5.5	15
47	1â€²-Methyl-4â€²-(4-methylphenyl)dispiro[indane-2,3â€²-pyrrolidine-2â€²,3â€²â€²-indoline]-1,2â€²â€²-dione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o2197-o2198.	0.2	15
48	Synthesis, computational studies, antimycobacterial and antibacterial properties of pyrazinoic acidâ€“isoniazid hybrid conjugates. RSC Advances, 2019, 9, 20450-20462.	3.6	15
49	Synthesis of new ibuprofen hybrid conjugates as potential anti-inflammatory and analgesic agents. Future Medicinal Chemistry, 2020, 12, 1369-1386.	2.3	15
50	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. Bioorganic Chemistry, 2021, 117, 105466.	4.1	15
51	Regioselective synthetic approaches towards 1,2,8,9-tetraazadispiro[4.1.4.2]trideca-2,9-dien-6-ones of potential antimicrobial properties. European Journal of Medicinal Chemistry, 2009, 44, 2447-2451.	5.5	14
52	Molecular structure studies of novel bronchodilatory-active 4-azafluorenes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2016, 231, 179-187.	0.8	14
53	Synthesis, molecular modeling studies and bronchodilation properties of nicotinonitrile containing-compounds. European Journal of Medicinal Chemistry, 2017, 138, 920-931.	5.5	14
54	Design, synthesis, antimicrobial, and DNA gyrase inhibitory properties of fluoroquinoloneâ€“dichloroacetic acid hybrids. Chemical Biology and Drug Design, 2020, 95, 248-259.	3.2	14

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55	Novel Curcumin Inspired Antineoplastic 1-Sulfonyl-4-Piperidones: Design, Synthesis and Molecular Modeling Studies. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 1069-1078.	1.7	13
56	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
57	New 2,4â€disubstitutedâ€2â€thiopyrimidines as VEGFRâ€2 inhibitors: Design, synthesis, and biological evaluation. Archiv Der Pharmazie, 2019, 352, e1900089.	4.1	12
58	Synthesis, human topoisomerase IIÎ± inhibitory properties and molecular modeling studies of anti-proliferative curcumin mimics. RSC Advances, 2019, 9, 33761-33774.	3.6	12
59	Novel regioselective synthesis of 3â€²H,4H-spiro[chromene-3,2â€²-[1,3,4]thiadiazol]-4-one containing compounds. Journal of Heterocyclic Chemistry, 2006, 43, 1237-1242.	2.6	11
60	Comparative DFT Computational Studies with Experimental Investigations for Novel Synthesized Fluorescent Pyrazoline Derivatives. Journal of Fluorescence, 2018, 28, 913-931.	2.5	11
61	A Convenient Regioselective Synthesis of 6-Amino-2-oxo-3,5-pyridinedicarbonitriles. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 678-685.	0.7	10
62	Synthesis, Bioassay, and Molecular Field Topology Analysis of Diverse Vasodilatory Heterocycles. Journal of Chemical Information and Modeling, 2014, 54, 1103-1116.	5.4	10
63	Synthesis & molecular modeling studies of bronchodilatory active indoleâ€“pyridine conjugates. Future Medicinal Chemistry, 2018, 10, 1787-1804.	2.3	10
64	Regioâ€and stereoselective synthesis of spiro[1â€benzothiepineâ€4(5h), 3â€²(3h)â€pyrazol]â€5â€ones. Journal of Heterocyclic Chemistry, 2006, 43, 1549-1556.	2.6	9
65	Synthesis, X-ray powder diffraction and DFTÂcalculations of vasorelaxant active 3-(arylmethylidene)pyrrolidine-2,5-diones. RSC Advances, 2016, 6, 112950-112959.	3.6	9
66	Facile synthetic approach towards vasorelaxant active 4-hydroxyquinazoline-4-carboxamides. RSC Advances, 2019, 9, 28534-28540.	3.6	9
67	Synthesis and molecular modeling studies of cholinesterase inhibitor dispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€²â€²-pyrrolidines]. RSC Advances, 2020, 10, 21830-21838.	3.6	9
68	Stereoselective Synthesis, Structural and Spectroscopic Study of 4,5,11â€Triazatricyclo[6.2.1.0*2,6*]Undecâ€5â€ene. Journal of Heterocyclic Chemistry, 2016, 53, 1074-1080.	2.6	8
69	Development of Isatinâ€Based Schiff Bases Targeting VEGFRâ€2 Inhibition: Synthesis, Characterization, Antiproliferative Properties, and QSAR Studies. ChemMedChem, 2022, 17, .	3.2	8
70	Facile Regioselective Synthesis of 1,2,6,8-Tetraazaspiro[4.4]nona-2,6-dien-9-ones. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 222-226.	0.7	7
71	5â€²â€²-Benzylidene-5-chloro-1â€²,1â€²â€²-dimethyl-4â€²-phenyldispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€²â€²-piperidine]-2,4â€ Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o22-o23.	0.2	7
72	Crystal Structure Studies and Bronchodilation Properties of Novel Benzocycloheptapyridines. Journal of Chemical Crystallography, 2016, 46, 280-289.	1.1	7

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73	Synthetic Approaches Towards5H -Indeno[1,2-b]pyridines. Journal of Chemical Research Synopses, 1997, , 316-317.	0.3	6
74	Synthesis of Novel 2-Alkoxy-5H-benzo[6,7]cyclohepta[1,2-b]pyridine-3-carbonitriles. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2003, 58, 698-703.	0.7	6
75	A convenient synthesis of thiamacrocyclic dilactams. Heteroatom Chemistry, 2007, 18, 249-254.	0.7	6
76	5-Chloro-5â€²â€²-(4-chlorobenzylidene)-4â€²-(4-chlorophenyl)-1â€²â€²-ethyl-1â€²-methyldispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€²â€ Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o43-o44.	0.2	6
77	5-Chloro-5â€²â€²-(4-chlorobenzylidene)-4â€²-(4-chlorophenyl)-1â€²,1â€²â€²-dimethyldispiro[indoline-3,2â€²-pyrrolidine-3â€²,3â€²â€ Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o379-o380.	0.2	6
78	Fluoroquinolone-3-carboxamide Amino Acid Conjugates: Synthesis, Antibacterial Properties And Molecular Modeling Studies. Medicinal Chemistry, 2020, 17, 71-84.	1.5	6
79	Synthesis, Antibacterial Evaluation, and Computational Studies of a Diverse Set of Linezolid Conjugates. Pharmaceuticals, 2022, 15, 191.	3.8	6
80	Synthetic approaches towards 5H-[1]benzopyrano[3,4-c]pyridin-5-ones. Journal of Chemical Research, 2005, 2005, 38-40.	1.3	5
81	5-Chloro-5â€²â€²-[4-(dimethylamino)benzylidene]-4â€²-[4-(dimethylamino)phenyl]-1â€²,1â€²â€²-dimethyldispiro[indoline-3,2â€²-py Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o70-o71.	0.2	5
82	Protective effects of Aporosa octandra bark extract against D-galactose induced cognitive impairment and oxidative stress in mice. Heliyon, 2018, 4, e00951.	3.2	4
83	Synthesis and X-ray Studies of Novel Azaphenanthrenes. Journal of Chemical Research, 2018, 42, 90-95.	1.3	2
84	Crystal Structures of Ethyl 4-(4-Florophenyl)-6-phenyl-2-substituted-3-pyridinecarboxylates. Journal of Crystallography, 2014, 2014, 1-7.	0.0	1
85	Synthesis, X-ray powder diffraction and DFT-D studies of indole-based compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 421-427.	0.8	1
86	Efficient Synthesis and Computational Studies of Useful Guanylating Agents: 1 H â€Benzotriazoleâ€1â€carboximidamides. ChemistrySelect, 2020, 5, 13963-13968.	1.5	1
87	Novel nicotinate esters of vasodilatation activity. Bollettino Chimico Farmaceutico, 2004, 143, 365-75.	0.1	0