

Tarik El-Sayed Ali

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis of Some Novel 2-{Pyrano[2,3- <i>c</i>]Pyrazoles-4-Ylidene}Malononitrile Fused with Pyrazole, Pyridine, Pyrimidine, Diazepine, Chromone, Pyrano[2,3- <i>c</i>]Pyrazole and Pyrano[2,3- <i>d</i>]Pyrimidine Systems as Anticancer Agents. Polycyclic Aromatic Compounds, 2022, 42, 2136-2150.	1.4	17
2	Development of novel indolin-2-one derivative incorporating thiazole moiety as DHFR and quorum sensing inhibitors: Synthesis, antimicrobial, and antibiofilm activities with molecular modelling study. Bioorganic Chemistry, 2022, 119, 105571.	2.0	44
3	Comparative Degradation Studies of Carmine Dye by Photocatalysis and Photoelectrochemical Oxidation Processes in the Presence of Graphene/N-Doped ZnO Nanostructures. Crystals, 2022, 12, 535.	1.0	7
4	Regioselective Synthesis of Some Novel Phosphonopyrazole, Phosphonopyrimidine and Phosphonodiazepine Compounds Containing Coumarin Ring. Heterocycles, 2022, 104, .	0.4	0
5	The Chemical Behavior of (2- <i>E</i>)-3-(4,9-Dimethoxy-5-Oxo-5- <i>H</i> -Furo[3,2- <i>g</i>]) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2021, 41, 1357-1368.	1.4	5
6	One-Pot and Three-Component Synthesis of Some Novel Functionalized Chromonyl Pyrido[2,3- <i>d</i>]pyrimidines as Anticancer Agents. Heterocycles, 2021, 102, 930.	0.4	4
7	Synthesis and Cytotoxicity Properties of Some Novel Functionalized 2-[2-[(4-Oxo-4H-chromen-3-yl)methylene]hydrazinyl]-1,3-selenazoles. Heterocycles, 2021, 102, 920.	0.4	1
8	Synthesis and Biological Activities of Some New Phosphorus Compounds Containing Pyranopyrazole Moiety. Heterocycles, 2021, 102, 1119.	0.4	6
9	Synthetic Methods for Phosphorus Compounds Containing Chromone and Thiochromone Rings. Heterocycles, 2021, 102, 583.	0.4	4
10	A convenient one-pot synthesis of novel functionalized thiophene, thieno[2,3- <i>b</i>] thiophene, thiopyran, and thiopyrano[2,3- <i>b</i>]thiopyran bearing phosphonate groups. Journal of Sulfur Chemistry, 2021, 42, 490-498.	1.0	7
11	One-pot synthesis and antimicrobial of novel 6-ethoxy-6-oxido-3-oxo(thioxo) (imino)-5-substituted-2,7-dihydro-1,2,4-triazolo[3,4- <i>e</i>][1,2,3]diazaphospholes. Phosphorus, Sulfur and Silicon and the Related Elements, 2021, 196, 965-969.	0.8	3
12	Synthesis and <i>in vitro</i> antimicrobial, antioxidant, and antiproliferative activities of some new pyrano[2,3- <i>c</i>]pyrazoles containing 1,2-azaphospholes, 1,3,2-diazaphosphinines and phosphonate moieties. Synthetic Communications, 2021, 51, 2478-2497.	1.1	12
13	An effective green one-pot synthesis of some novel 5-(thiophene-2-carbonyl)-6-(trifluoromethyl)pyrano[2,3- <i>c</i>]pyrazoles and 6-(thiophene-2-carbonyl)-7-(trifluoromethyl)pyrano[2,3- <i>d</i>]pyrimidines bearing chromone ring as anticancer agents. Synthetic Communications, 2021, 51, 3267-3276.	1.1	13
14	The Synthesis and Chemistry of 2-Imino-2H-Chromene-3-Carbo(Thio) Amides. Mini-Reviews in Organic Chemistry, 2021, 18, 786-807.	0.6	0
15	Facile synthesis of some novel 1,3,4,2-oxa(thia)diazaphospholo[5,4- <i>b</i>]quinazolinones and 1,2,4,3-triazaphospholo[5,1- <i>b</i>]quinazolinones. Synthetic Communications, 2021, 51, 302-307.	1.1	3
16	Co(<i>sc</i>), Ni(<i>sc</i>), Cu(<i>sc</i>) and Cd(<i>sc</i>)-thiocarbonohydrazone complexes: spectroscopic, DFT, thermal, and electrical conductivity studies. RSC Advances, 2021, 11, 37726-37743.	1.7	23
17	Regioselective cyclization reaction of 2-imino-2H-chromene-3-carboxamide with triethyl phosphonoacetate; a combined spectral and computational studies. Journal of Molecular Structure, 2020, 1199, 126935.	1.8	1
18	Spectral and computational studies on regioselective synthesis of 4-oxo-6-phenyl-2-selenoxo-1,2,3,4-tetrahydropyrimidine-5-carbonitrile. Journal of Molecular Structure, 2020, 1203, 127408.	1.8	2

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19	Facile synthesis of some new functionalized 2-selenoxypyrimidines. Phosphorus, Sulfur and Silicon and the Related Elements, 2020, 195, 324-330.	0.8	6
20	Synthesis of some new functionalized pyrano[2,3- <i>c</i>]pyrazoles and pyrazolo[4 <i>a</i> :3 <i>a</i> :5,6]pyrano[2,3- <i>d</i>]pyrimidines bearing a chromone ring as antioxidant agents. Synthetic Communications, 2020, 50, 3314-3325.	1.1	19
21	In vitro anticancer activity of pyrano[3, 2- <i>c</i>]chromene derivatives with both cell cycle arrest and apoptosis induction. Medicinal Chemistry Research, 2020, 29, 617-629.	1.1	26
22	Synthesis of Some Novel Antimicrobial and Antioxidant Agents of Functionalized Pyrazolo[4',3':5,6]pyrano[3,2- <i>d</i>]-[1,2]azaphospholes and Pyrazolo[4',3':5,6]pyrano[2,3- <i>d</i>][1,3,2]diazaphosphinines. Heterocycles, 2020, 100, 1902.	0.4	4
23	Four-Component Domino Reaction for the Synthesis of Novel 8-Methyl-9-substituted-2,10-diaryl-2,3-dihydro-10H-pyrano[3,2- <i>e</i>][1,2,4,3]triazaphospholo[1,5- <i>c</i>]pyrimidines. Heterocycles, 2020, 100, 1914.	0.4	8
24	Synthetic Approach for Substituted 3-Amino-1,2,4-Triazines and their Chemical Reactivity and Biological Properties. Mini-Reviews in Organic Chemistry, 2020, 17, 605-624.	0.6	3
25	Microwave synthesis of novel halogenated β -enamino nitriles linked 9-bromo-1H-benzo[<i>f</i>]chromene moieties: Induces cell cycle arrest and apoptosis in human cancer cells via dual inhibition of topoisomerase I and II. Bioorganic Chemistry, 2019, 93, 103289.	2.0	17
26	A Convenient Synthetic Route of Diethyl (4-oxo- β -chromeno[2,3- <i>d</i>]pyrimidin-2(5 <i>l</i>)-yl)phosphonates. Journal of Heterocyclic Chemistry, 2019, 56, 1684-1686.	1.4	17
27	Reaction of 2-amino-4H-chromene-3-carboxamide with Phosphorus Isothiocyanates: First Synthesis of Novel Chromeno[2,3- <i>d</i>]pyrimidinyl and Bis(chromeno[2,3- <i>d</i>]pyrimidinyl)phosphines and Chromeno[2- <i>a</i> :3 <i>a</i> :4,5]pyrimido[2,1- <i>d</i>][1,3,5,2]triazaphosphinine. Journal of Heterocyclic Chemistry, 2019, 56, 1646-1650.	1.4	6
28	Unusual behavior of 3-(dimethylamino)-1-(2-hydroxyphenyl)prop-2-en-1-one towards some phosphorus reagents: Synthesis of novel diethyl 2-phosphonochromone, diethyl 3-phosphonopyrone and 1,3,2-oxathiaphosphinines. Synthetic Communications, 2019, 49, 550-557.	1.1	5
29	Facile synthesis of novel 6-methyl-5-phenyl-2-sulfido-1,2,3,5-tetrahydro-4H[1,2]oxazolo[4 <i>a</i> :5 <i>a</i> :2,6]pyrano[2,3- <i>d</i>][1,3,2]diazaphosphinines. Journal of Sulfur Chemistry, 2018, 39, 472-482.	1.0	8
30	Reaction of 2-cyano-3-(4-oxo-4H-chromen-3-yl)prop-2-enamide with some phosphorus reagents: synthesis of some novel diethyl phosphonates, 1,2,3-diazaphosphinanes, 1,2,3-thiazaphosphinine and 1,2-azaphospholes bearing a chromone ring. Research on Chemical Intermediates, 2018, 44, 173-189.	1.3	15
31	A convenient route to novel fluorinated 1,2,4,3-triazaphospholo[1,5- <i>a</i>]pyridines and pyrido[1,2- <i>b</i>][1,2,4,5]triazaphosphinines. Arkivoc, 2018, 2018, 240-253.	0.3	16
32	Reaction of 2-imino-2H-chromene-3-carboxamide with phosphorus sulfides: Synthesis of novel 2-sulfido-2,3-dihydro-4H-chromeno[2,3- <i>d</i>][1,3,2]diazaphosphinines. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 651-655.	0.8	11
33	Synthesis and anticancer activity of some novel diethyl {(chromonyl/pyrazolyl)[(4-oxo-2-phenylquinazolin-3(4 <i>H</i>)-yl)amino]methyl}phosphonates. Phosphorus, Sulfur and Silicon and the Related Elements, 2018, 193, 668-674.	0.8	12
34	Synthesis of novel 3-phenyl-2-oxido/sulfido-1,3,4,2-benzoxadiazaphosphinines. Synthetic Communications, 2018, 48, 1828-1837.	1.1	2
35	Synthesis and Characterization of Some Novel Phosphorylated 4-oxo- β -phenylquinazolines. Journal of Heterocyclic Chemistry, 2018, 55, 1955-1959.	1.4	3
36	The Reaction of Phosphorus Decasulfide with some Hydrazides and their Hydrazones: New Route for Construction of Four-membered, Five-membered, and Six-membered Phosphorus Heterocycles. Journal of Heterocyclic Chemistry, 2017, 54, 2916-2921.	1.4	8

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37	Reaction of 2-cyano[(4-oxo-4H-chromen-3-yl)methylidene]acetohydrazide with phosphorus reagents: Synthesis and evaluation of anticancer activities of some novel 1,2-azaphospholes, 1,2,3-diazaphospholidine, and 1,3,2-diaza-phosphinanes bearing a chromone ring. <i>Synthetic Communications</i> , 2017, 47, 1458-1470.	1.1	12
38	Synthesis and cytotoxicity evaluation of some novel chromone annulated phosphorus heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 819-826.	0.8	14
39	Synthesis and antioxidant properties of some novel 1,3,4,2-oxadiazaphosphepino[6,7-c]quinolinones and pyrazolo[3,4-b]quinolino[5,1-c][1,4,2]oxazaphosphinine. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2017, 192, 866-873.	0.8	6
40	Reaction of 2-hydroxy-N-[(4-oxo-4H-chromen-3-yl)methylidene]benzohydrazide with some phosphorus reagents. Synthesis and evaluation of anticancer activity of novel 1-hydrazinophosphonic acid, 1,4,5,2-oxadiazaphosphinines, and 1,3,2-benzoxazaphosphinines bearing a chromone ring. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 904-912.	0.3	3
41	Methods for synthesis of N-heterocyclic/heteroaryl-1-aminophosphonates and 1-(azaheterocyclic)phosphonates. <i>Arkivoc</i> , 2017, 2016, 183-211.	0.3	31
42	Electron ionization mass spectra of organophosphorus compounds Part V: Mass fragmentation modes of some azolyl, azinyl, and azepinyl phosphonates as cyclic 1-aminophosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1223-1228.	0.8	1
43	A convenient synthesis and biological evaluation of some novel linear and cyclic 1-aminophosphonic acid derivatives containing a quinazolinone ring. <i>Research on Chemical Intermediates</i> , 2016, 42, 1329-1347.	1.3	17
44	Electron Impact Ionization Mass Spectra of Organophosphorus Compounds Part IV: Mass Fragmentation Modes of Some Diethyl [(Alkyl/Arylamino)(6-Methyl-4-Oxo-4H-Chromen-3-yl)Methyl]Phosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2015, 190, 1942-1947.	0.8	1
45	Ring opening and ring closure reactions of chromone-3-carboxylic acid: unexpected routes to synthesize functionalized benzoxocinones and heteroannulated pyranochromenes. <i>Turkish Journal of Chemistry</i> , 2015, 39, 412-425.	0.5	17
46	Utility of 4,6-Diacetylresorcinol in Heterocyclic Synthesis. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 299-309.	0.6	4
47	1,2,4-Triazine Chemistry Part IV: Synthesis and Chemical Behavior of 3-Functionalized 5,6-Diphenyl-1,2,4-triazines towards Some Nucleophilic and Electrophilic Reagents. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 1595-1607.	1.4	27
48	Studies on the Chemical Reactivity of 6,8-dibromo-7-hydroxychromone-3-carboxaldehyde Towards Some Nitrogen Nucleophilic Reagents. <i>Journal of Heterocyclic Chemistry</i> , 2015, 52, 815-826.	1.4	15
49	Methods for the synthesis of 1-heterocyclic/heteroaryl-1-aminophosphonic acids and their esters. <i>Arkivoc</i> , 2015, 2015, 246-287.	0.3	24
50	Reactions of 2-(1,3-dithiolan-2-ylidene)malononitrile with Amino- and Hydrazinophosphorus Compounds: A Facile Route to Functionalized Phosphorus Heterocycles. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 38-43.	1.4	4
51	Cleavage of Diethyl Chromonyl 1-Aminophosphonate with Nitrogen and Carbon Nucleophiles: A Synthetic Approach and Biological Evaluations of a Series of Novel Azoles, Azines, and Azepines Containing 1-Aminophosphonate and Phosphonate Groups. <i>Synthetic Communications</i> , 2014, 44, 3610-3629.	1.1	23
52	Synthesis and antioxidant activities of some novel fluorinated spiro[oxindole-thiazolidine] fused with sulfur and phosphorus heterocycles. <i>Journal of Sulfur Chemistry</i> , 2014, 35, 399-411.	1.0	16
53	Synthetic methods of cyclic 1-aminophosphonic acids and their esters. <i>Arkivoc</i> , 2014, 2014, 21-91.	0.3	6
54	4,6-Diacetylresorcinol in Heterocyclic Synthesis, Part I: Synthesis and Biological Evaluation of Some New Linearly and Angularly Substituted Pyrano[3,2-g]chromenes via Vilsmeier-Haack Formylation of 4,6-Diacetylresorcinol, Its Schiff Bases, and Hydrazones. <i>Synthetic Communications</i> , 2013, 43, 3329-3341.	1.1	11

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55	Synthesis and Spectral Characterization of Some Novel Phosphonyl and Phosphoryl Pyrazole Compounds. <i>Heteroatom Chemistry</i> , 2013, 24, 426-436.	0.4	9
56	Electron Ionization Mass Spectra of Organophosphorus Compounds. Part III: Mass Spectrometric Fragmentation of Diethyl Spiro[Pyrimidino[5,3- <i>b</i>][1,2]Oxazole] Phosphonate, Diethyl (Oxazo[5,4- <i>D</i>]Pyrimidine-4,6-Dione)Phosphonate, and Diethyl (Pyrimidino[4,5- <i>B</i>][1,4]Oxazine)Phosphonate Derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2013, 188, 1007-1016.	0.8	2
57	Synthesis and biological evaluation of some new polyfluorinated 4-thiazolidinone and \pm -aminophosphonic acid derivatives. <i>Monatshefte für Chemie</i> , 2013, 144, 1243-1252.	0.9	33
58	Studies on the Chemical Behavior of the Novel 6,8-Dibromo-7-hydroxychromone-3-carboxaldehyde towards Some Carbon Nucleophilic Reagents. <i>Heterocycles</i> , 2013, 87, 1075.	0.4	12
59	SYNTHESIS AND BIOLOGICAL EVALUATIONS OF A SERIES OF NOVEL AZOLYL, AZINYL, PYRANYL, CHROMONYL AND AZEPINYL PHOSPHONATES. <i>Heterocycles</i> , 2013, 87, 2513.	0.4	20
60	1,2,4-Triazine Chemistry Part III: Synthetic Strategies to Functionalized Bridgehead Nitrogen Heteroannulated 1,2,4-Triazine Systems and their Regiospecific and Pharmacological Properties. <i>Current Organic Synthesis</i> , 2013, 10, 136-160.	0.7	3
61	3-Formylchromones as diverse building blocks in heterocycles synthesis. <i>European Journal of Chemistry</i> , 2013, 4, 311-328.	0.3	46
62	1,2,4-Triazine Chemistry Part III: Synthetic Strategies to Functionalized Bridgehead Nitrogen Heteroannulated 1,2,4-Triazine Systems and their Regiospecific and Pharmacological Properties. <i>Current Organic Synthesis</i> , 2013, 10, 136-160.	0.7	12
63	Electron Ionization Mass Spectra of Organophosphorus Compounds Part I: The Mass Fragmentation Pathways of Cyclic \pm -Aminophosphonates Monoester Containing 1,2,4-Triazinone Moiety. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2012, 187, 336-342.	0.8	6
64	Synthetic Methods for Phosphorus Compounds Containing Pyrazole Rings. <i>Heterocycles</i> , 2012, 85, 2073.	0.4	8
65	Electron ionization mass spectra of organophosphorus compounds, Part II: Mass spectrometric fragmentation of spiro(indene-2,3-pyrazole)phosphonates, spiro(indene-2,3-pyrazole)phosphanylidene, spiro(1,2,4-diazaphosphole-3,2-indenes), and (1,3-dioxo- <i>isoindolyl</i>)phosphonate derivatives. <i>Heteroatom Chemistry</i> , 2012, 23, 254-264.	0.4	6
66	Synthesis and antimicrobial activities of some novel bis-pyrazole derivatives containing a hydrophosphoryl unit. <i>European Journal of Chemistry</i> , 2011, 2, 25-35.	0.3	32
67	Synthesis, antifungal activity and semi-empirical AM1-MO calculations of some new 4-oxo-4H-chromene derivatives. <i>European Journal of Chemistry</i> , 2011, 2, 158-162.	0.3	8
68	Synthesis and antimicrobial activity of chromone-linked 2-pyridone fused with 1,2,4-triazoles, 1,2,4-triazines and 1,2,4-triazepines ring systems. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1007-1016.	0.6	79
69	1,2,4-Triazine Chemistry Part II: Synthetic approaches for phosphorus containing 1,2,4-triazine derivatives. <i>European Journal of Chemistry</i> , 2010, 1, 388-396.	0.3	14
70	1,2,4-Triazine Chemistry Part I: Orientation of cyclization reactions of functionalized 1,2,4-triazine derivatives. <i>European Journal of Chemistry</i> , 2010, 1, 236-245.	0.3	26
71	Synthesis and antimicrobial activity of some new 1,3-thiazoles, 1,3,4-thiadiazoles, 1,2,4-triazoles and 1,3-thiazines incorporating acridine and 1,2,3,4-tetrahydroacridine moieties. <i>European Journal of Chemistry</i> , 2010, 1, 6-11.	0.3	42
72	Synthesis and chemical reactivity of 2-methylchromones. <i>Arkivoc</i> , 2010, 2010, 98-135.	0.3	39

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73	Synthesis of Some New 1,3,2-Oxazaphosphinine, 1,3,2-Diazaphosphinine, Acyclic, and/or Cyclic α -Aminophosphonate Derivatives Containing the Chromone Moiety. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 185, 88-96.	0.8	27
74	Synthetic approach for novel bis(α -aminophosphonic acid) derivatives of chromone containing 1,2,4,3-triazaphosphole moieties. Heteroatom Chemistry, 2009, 20, 117-122.	0.4	23
75	Synthesis and antibacterial activity of some new thiadiazatriazaphospholes, thiadiazatriaza/tetrazaphosphinines and thiadiazatriazaphosphepines containing 1,2,4-triazinone moiety. European Journal of Medicinal Chemistry, 2009, 44, 4539-4546.	2.6	88
76	Synthesis of some novel pyrazolo[3,4-b]pyridine and pyrazolo[3,4-d]pyrimidine derivatives bearing 5,6-diphenyl-1,2,4-triazine moiety as potential antimicrobial agents. European Journal of Medicinal Chemistry, 2009, 44, 4385-4392.	2.6	124
77	Synthesis of Biologically Active 4-Oxo-4H-Chromene Derivatives Containing Sulfur-Nitrogen Heterocycles. Phosphorus, Sulfur and Silicon and the Related Elements, 2009, 184, 2358-2392.	0.8	12
78	Utility of thiocarbohydrazide in heterocyclic synthesis. Journal of Sulfur Chemistry, 2009, 30, 611-647.	1.0	22
79	Synthesis of Bioactive 4-Oxo-4H-Chromenes Bearing Heterocyclic Systems from Hydrazonocarbothioic Acid and Thiocarbohydrazone. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2139-2160.	0.8	28
80	Chemoselective Pathway to 3-Heteroarylaminomethyl- 4-Oxo-4H-Chromenes: Reaction of 4-Oxo-4H-chromene- 3-carboxaldehyde Thiosemicarbazones with Electrophiles in Basic Media. Phosphorus, Sulfur and Silicon and the Related Elements, 2008, 183, 2161-2172.	0.8	5
81	Synthesis and Fungicidal Activity of Some New 4H-Chromen-4-ones Containing Some 1,3-Thiazole, 1,3-Thiazine, 1,2,4-Triazole and 1,2,4-Triazine Moieties. Phosphorus, Sulfur and Silicon and the Related Elements, 2007, 182, 1717-1726.	0.8	35
82	Reaction of 2-imino-2H-chromene-3-carboxamide with some phosphorus esters: Synthesis of some novel chromenes containing phosphorus heterocycles and phosphonate groups and their antioxidant and cytotoxicity properties. Synthetic Communications, 0, , 1-12.	1.1	8
83	Synthesis of Novel 4-(1,3,2-Diazaphosphinin-5-yl)-1,2-Dihydrothieno[3,2-d][1,2,3] Diazaphosphinines: Cyclization of 5-[(2-Thienyl)Methyl]Hydrazono-2-Oxido-2-Phenyl-4-(Trifluoromethyl)-1H-1,3,2-Diazaphosphinine with Phosphorus Halides. Polycyclic Aromatic Compounds, 0, , 1-9.	1.4	2