

Wafaa M Abdou

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9035568/wafaa-m-abdou-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

120
papers

1,183
citations

16
h-index

20
g-index

160
ext. papers

1,311
ext. citations

1.9
avg, IF

4.37
L-index

#	Paper	IF	Citations
120	Carbodiimides in the synthesis of enamino- and α -aminophosphonates as peptidomimetics of analgesic/antiinflammatory and anticancer agents. <i>Archiv Der Pharmazie</i> , 2012 , 345, 884-95	4.3	35
119	Application of phosphonyl carbanions to highly regioselective synthesis of some diazaphospholes and pyrazolinyl phosphonates. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 526-32	6.8	30
118	Singlet-Oxygen Photolysis of Dihaloketones. A Facile and Efficient Approach to Vicinal Triketones and Their Monohydrates. <i>Synthesis</i> , 1987 , 1987, 506-508	2.9	27
117	Elaborating on efficient anti-proliferation agents of cancer cells and anti-inflammatory-based N-bisphosphonic acids. <i>Archiv Der Pharmazie</i> , 2012 , 345, 123-36	4.3	26
116	Design of new arylamino-2-ethane-1,1-diyl- and benzoxazole-2-methylene-bisphosphonates vs cytotoxicity and chronic inflammation diseases. From hydrophobicity prediction to synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2012 , 57, 362-72	6.8	23
115	Antineoplastic activity of fused nitrogen-phosphorus heterocycles and derived phosphonates. <i>Monatshefte Für Chemie</i> , 2013 , 144, 1233-1242	1.4	20
114	Carbodiimides [key mediators in the synthesis of novel cytotoxic and analgesic/antiinflammatory motifs based on α -amino-, enamino-phosphonates, and azaphosphones. <i>RSC Advances</i> , 2013 , 3, 1528-1540	3.7	20
113	Spiro- and substituted tetrahydrobenzo[b]thiophene-triazaphospholes and phosphoramidates as potent antineoplastic agents: synthesis, biological evaluation, and SAR studies. <i>Monatshefte Für Chemie</i> , 2016 , 147, 619-626	1.4	19
112	Organophosphorus chemistry 23 [1], the reaction of α -unsaturated nitriles with alkyl phosphites and phosphorus ylides. <i>Heteroatom Chemistry</i> , 1992 , 3, 93-99	1.2	19
111	Synthesis of Tetrazoloquinoline-Based Mono- and Bisphosphonate Esters as Potent Anti-Inflammatory Agents. <i>Journal of Heterocyclic Chemistry</i> , 2013 , 50, 33-41	1.9	18
110	Symmetrical and Asymmetrical Bisphosphonate Esters. Synthesis, Selective Hydrolysis, and Isomerization. <i>Monatshefte Für Chemie</i> , 2006 , 137, 105-116	1.4	18
109	FUSED PHOSPHONO SUBSTITUTED O-, AND N-HETEROCYCLES via CONDENSATIVE CYCLISATION REACTIONS OF α -PHOSPHONYL CARBANIONS WITH 4-THIAZOLIDINONES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2004 , 179, 1307-1322	1	18
108	Use of phosphonyl carbanions in the synthesis of anti-inflammatory active phosphorus-containing fused heterocycles and relevance phosphonates. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5217-24	6.8	17
107	THE REACTIONS OF ALKYL PHOSPHITES WITH α -UNSATURATED CARBON-NITROGEN MULTIPLE-BONDS: 2-BENZYLIDENECYANOMETHYL-1,3-BENZOTHIAZOLE AND α -BENZIL MONOXIME. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1998 , 132, 109-122	1	17
106	REACTION OF PHOSPHONIUM YLIDES WITH 3,5-DI-TERT-BUTYL-1,2-BENZOQUINONE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 61, 91-96	1	17
105	Inhibitory effect of novel S,N-bisphosphonates on some carcinoma cell lines, osteoarthritis, and chronic inflammation. <i>European Journal of Medicinal Chemistry</i> , 2012 , 51, 239-49	6.8	16
104	An efficient method for the synthesis of spiro and fused N-heterocyclic phosphor esters. Reactions of triketoindan-2-oxime with α -phosphonyl carbanions. <i>Monatshefte Für Chemie</i> , 2008 , 139, 617-623	1.4	16

103	Phosphono-substituted isoindolines and indoles from 2,3- and 2,4-benzoxazin-1-ones. <i>Heteroatom Chemistry</i> , 2004 , 15, 77-84	1.2	16
102	A facile synthesis of pyrrolo[3,2-d]pyrimidines from 6-azidouracils and ylide phosphoranes. <i>Heteroatom Chemistry</i> , 2002 , 13, 357-365	1.2	16
101	General approach for regioselective synthesis of fused phosphono substituted-oxadiazines. <i>Heteroatom Chemistry</i> , 2000 , 11, 196-204	1.2	16
100	ON THE SEARCH FOR THE REGIOSELECTIVE PHOSPHORYLATION OF 1,2,4-TRIAZINES BY CYCLIC, ACYCLIC PHOSPHITES AND TRIPHENYLPHOSPHINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995 , 101, 67-73	1	16
99	ORGANOPHOSPHORUS CHEMISTRY, 11.1 THE 1:2 ADDITION OF ALKYL PHOSPHITES TO 3-METHYLENE-OXINDOLES. A NEW TYPE OF ATTACK BY TERVALENT PHOSPHITE ESTERS ON UNSATURATED CARBONYL COMPOUNDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 45, 47-54	1	16
98	Synthesis of 5- and 6-N-heterocyclic methylenebisphosphonate derivatives and evaluation of their cytogenetic activity in normal human lymphocyte cultures. <i>Chemical Biology and Drug Design</i> , 2012 , 79, 719-30	2.9	15
97	Synthesis, Quantitative Structure-Activity Relationship, and Anti-Inflammatory Profiles of Substituted 5- and 6-N-Heterocycle Bisphosphonate Esters. <i>Synthetic Communications</i> , 2013 , 43, 236-252	1.7	15
96	Synthesis and reactions of phosphino- and phosphono substituted-coumarins. <i>Tetrahedron</i> , 1999 , 55, 14777-14790	2.4	15
95	ORGANOPHOSPHORUS CHEMISTRY, 271. THE REACTION OF ISATIN, 5-METHYLISATIN AND THEIR MONOXIMES WITH ALKYL PHOSPHITES, TRIPHENYLPHOSPHINE AND PHOSPHORUS YLIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995 , 101, 17-27	1	15
94	A facile access to condensed and spirosubstituted pyrimidine phosphor esters. <i>Arkivoc</i> , 2007 , 2007, 45-60.	0.9	15
93	Efficient synthesis routes for various phthalimido phosphor esters as antimicrobial agents in terms of structure-activity relationship. <i>Monatshefte für Chemie</i> , 2010 , 141, 219-228	1.4	14
92	COMPARATIVE CHEMICAL STUDIES OF THE BEHAVIOR OF 4-CYANO-1,2-DITHIOLES IN ANALOGY WITH 1,2,4-DITHIAZOLES TOWARD STABLE PHOSPHONIUM YLIDES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1995 , 105, 63-71	1	14
91	Studies of phosphorus ylides with tetramethylthiuram disulfide. <i>Tetrahedron</i> , 1993 , 49, 6411-6418	2.4	14
90	Organophosphorus chemistry. 16. The Reaction of Furfurylidenemalonitrile with Alkyl Phosphites. <i>Journal für Praktische Chemie</i> , 1990 , 332, 1029-1034		14
89	Selective addition of Wittig reagents to bifunctionalized compounds. Condensation of 3-phenyl (2-benzothiazolyl)acrylonitrile with some phosphorus ylides. <i>Tetrahedron</i> , 1998 , 54, 9079-9088	2.4	13
88	Synthesis and quantitative structure-activity relationship study of substituted imidazophosphor ester based tetrazolo[1,5-b]pyridazines as antinociceptive/anti-inflammatory agents. <i>Beilstein Journal of Organic Chemistry</i> , 2013 , 9, 1730-6	2.5	12
87	Reaction of N-Phenyl-3,5-di-tert-butyl-1,2-benzoquinone Monohydrazone and Some Phosphorus Ylides. <i>Synthetic Communications</i> , 1997 , 27, 3599-3604	1.7	12
86	Regioselective Condensation of Alkylidenephosphoranes with Bifunctionalized Compounds: New Approach to the Synthesis of Fused O- and N-Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2005 , 180, 2373-2390	1	12

- 85 A Comparison of Phosphonium and Phosphonate Carbanion Reagents in Reactions with 1,3-Diphenyl-2-(hydroxyimino)-1,3-propanedione. *Synlett*, **2002**, 2002, 1417-1422 2.2 12
- 84 THE REACTIVITY OF 2-ACETYL(3H)NAPHTHO(2,1-b)-PYRAN-3-ONE TOWARDS SOME PHOSPHORUS YLIDES: SYNTHESIS OF COUMARINYL[2,1-b]-FUSED CYCLIC COMPOUNDS. *Heterocyclic Communications*, **1998**, 4, 1.7 12
- 83 Organophosphorus Chemistry. XV. The Reaction of 10-Dicyanomethylene-9(10H)-phenanthrenone with Alkyl Phosphites. *Bulletin of the Chemical Society of Japan*, **1991**, 64, 747-749 5.1 12
- 82 ORGANOPHOSPHORUS CHEMISTRY, 21.1 THE BEHAVIOUR OF 1-DICYANOMETHYLENE-ACENAPHTHEN-2-ONE AND 1-DICYANOMETHYLENE-3-INDANONE TOWARD ATTACK BY ALKYL PHOSPHITES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1991**, 57, 217-225 1 12
- 81 Wittig reaction of 1-dicyanomethyleneacenaphthen-2-one. *Heteroatom Chemistry*, **1992**, 3, 133-137 1.2 12
- 80 Design, synthesis and pharmacological screening of β -amino-, thiadiazole/thiadiazine-phosphonate based triazole motifs as antimicrobial/cytotoxic agents. *Acta Pharmaceutica*, **2014**, 64, 267-84 3.2 11
- 79 Multicomponent reactions in a one-pot synthesis of β -aminophosphonates and β -aminophosphonic diamides with anti-inflammatory properties. *Monatshefte für Chemie*, **2011**, 142, 649-656 1.4 11
- 78 Reactions of alkylidenephosphoranes with symmetrically substituted p-quinones. *Tetrahedron*, **1997**, 53, 13945-13958 2.4 11
- 77 Study of Insertion Reactions with Phosphorus Ylides [On Reactions between 4-(4-Methylphenyl)-2,3-benzoxazin-1-one and Alkylidene Phosphoranes. *European Journal of Organic Chemistry*, **2002**, 2002, 1696-1701 3.2 11
- 76 Synthetic studies using unsaturated and active phosphonium salts. A convenient preparation of furano- and pyrano[2,3-c]pyridazines and substituted quinolines. *Heteroatom Chemistry*, **2005**, 16, 56-64 1.2 11
- 75 FURTHER STUDIES ON THE BEHAVIOR OF 3,5-DI-TERT-BUTYL-1,2-BENZOQUINONE TOWARD PHOSPHORUS YLIDES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1992**, 66, 285-287 1 11
- 74 One-pot three-component synthesis of peptidomimics for investigation of antibacterial and antineoplastic properties. *Arabian Journal of Chemistry*, **2018**, 11, 1260-1269 5.9 10
- 73 Antimicrobial activity of novel fused nitrogen, sulfur and phosphorus containing-heterocycles and relevant phosphonates with difurylpyridazine species. *Journal of Chemical Research*, **2009**, 2009, 8-13 0.6 10
- 72 Diverse reactivity of β -carbanions derived from alkylidenephosphoranes toward 2-(1 β -diazynylidene)-1H-indene-1,3-(2H)dione. General approach to conjugated oxadiazines, pyridazines and spiro[3]pyrazoles. *Journal of Heterocyclic Chemistry*, **2008**, 45, 1571-1577 1.9 10
- 71 New Phosphono Substituted 3- and 5-Membered Rings Starting from 3-(2-Thienyl)acrylonitriles and β -Phosphoryl Carbanions. *Synthetic Communications*, **2003**, 33, 1341-1357 1.7 10
- 70 Chemical Reactivity of Alkylidene Phosphoranes and the Relevant Phosphonium Salts Toward Some Carbon-Nitrogen Systems. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2002**, 177, 325-389 1 10
- 69 REACTIONS OF TETRACYANOETHYLENE WITH TER- AND PENTAVALENT PHOSPHORUS REAGENTS. *Heterocyclic Communications*, **1995**, 1, 1.7 10
- 68 REACTIONS OF URACILS WITH TRIALKYL PHOSPHITES AND DIALKYL PHOSPHONATES. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 119, 225-240 1 10

67	Further Studies on the Reaction of Stable Phosphorus Ylides with Cyclic cis-Disulfides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994 , 89, 105-112	1	10
66	Organophosphorus chemistry. 13 [1]. The Behaviour of 3-Aryliminoxindoles toward Alkyl Phosphites. <i>Journal Für Praktische Chemie</i> , 1989 , 331, 906-912		10
65	ORGANOPHOSPHORUS CHEMISTRY 221. REACTION OF 3-FORMYL-4-CHROMONE WITH TER- AND PENTA-VALENT PHOSPHORUS COMPOUNDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 61, 83-90	1	10
64	Synthesis of Antimicrobial N-Phthaloyl-alanyl-derived Amidophosphates and Triazoles. <i>Zeitschrift Für Naturforschung - Section B Journal of Chemical Sciences</i> , 2009 , 64, 1057-1064	1	9
63	Overview of the Chemical Reactivity of Phosphonyl Carbanions Toward Some Carbon-Nitrogen Systems. <i>Current Organic Chemistry</i> , 2012 , 16, 913-930	1.7	9
62	SCOPE AND LIMITATION OF THE REACTIONS OF PHENANTHRENE-9,10-QUINONE MONOXIME WITH PHOSPHORUS YLIDES. <i>Heterocyclic Communications</i> , 1997 , 3,	1.7	9
61	Novel Microwave-Assisted One-Pot Synthesis of Heterocycle Phosphor Esters and Cyclic Oxophospholes with Antibiotic Activity. <i>Letters in Organic Chemistry</i> , 2008 , 5, 569-575	0.6	9
60	Synthesis of a New Type of 1,1-Bisphosphonates Bearing S-, and N-Heterocycles, Based on the Reactions of Methylenebisphosphonate with Alkenes. <i>Synlett</i> , 2003 , 2003, 0785-0790	2.2	9
59	Organophosphorus chemistry, XII. Reaction of furil with alkyl phosphites and ylide-phosphoranes. <i>Monatshefte Für Chemie</i> , 1990 , 121, 51-58	1.4	9
58	ALKYL PHOSPHITES AND PHOSPHONATES AS ALKYLATING AGENTS FOR 1,3,4-THIADIAZOLIDINE-2,5-DITHIONES. <i>Organic Preparations and Procedures International</i> , 1982 , 14, 225-232	1.1	9
57	Synthesis and Antimicrobial Evaluation of Newly Synthesized N,S-Bisphosphonate Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 525-532	1.9	8
56	Facile regioselective synthesis and antimicrobial activity of heterocycle-phosphor esters. <i>Monatshefte Für Chemie</i> , 2014 , 145, 675-682	1.4	8
55	Regioselective Condensation of Alkylidenephosphoranes to N-Methoxy- and N-Anilino-1H isoindole-1,3-(2H)-diones. <i>Synthetic Communications</i> , 2012 , 42, 1967-1978	1.7	8
54	A Practical Synthesis of Thio-Bisphosphonic Acids For the Treatment of Arthritis, Based on the Chemistry of Tetraethyl Methylene-1,1- Bisphosphonate. <i>Letters in Organic Chemistry</i> , 2006 , 3, 634-639	0.6	8
53	Remarkably Efficient and Direct Route to Quinolines and Benzoazepines from the Condensation of Benzoxazinediones with Phosphonium Carbanion Salts. <i>Synthetic Communications</i> , 2007 , 37, 3945-3960	1.7	8
52	Synthesis of Spiro and Fused Five Membered N-Heterocycles from Alkylidenephosphoranes. <i>Monatshefte Für Chemie</i> , 2003 , 134, 1373-1385	1.4	8
51	A Convenient Synthesis of 2H-1,4-Benzoxazines, 3H-Indol-3-ones, and 2,3-Dihydrobenzoxazoles. <i>Bulletin of the Chemical Society of Japan</i> , 2002 , 75, 2481-2485	5.1	8
50	Heterocycles from Ylides. Reactivity of 2-Acetyl-5-bromothiophene and -5-Methylfuran with Stabilised and Non-stabilised Ylides. <i>Tetrahedron</i> , 2000 , 56, 7573-7580	2.4	8

49	Addition-Cyclization Reactions Of Alkylidene Phosphoranes With Benzoinoxime. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2000 , 165, 171-189	1	8
48	Photochemical reactions of bianthrone and related substances. <i>Tetrahedron</i> , 1994 , 50, 3595-3602	2.4	8
47	THE REACTION OF ALKYL PHOSPHITES WITH 3,5-DI-TERT-BUTYL-1,2-BENZOQUINONE. VARIABLE TEMPERATURE NMR STUDIES ON NEW PENTAOXYPHOSPHORANES. <i>Phosphorous and Sulfur and the Related Elements</i> , 1986 , 27, 345-353		8
46	Pathophysiology of Metastatic Bone Disease and the Role of the Second Generation of Bisphosphonates: From Basic Science to Medicine. <i>Current Pharmaceutical Design</i> , 2016 , 22, 1546-57	3.3	8
45	A new conjugated addition of trialkyl phosphites and alkylidenephosphoranes to 3-azidoacetyl coumarin synthesis of some 1,2,3,4-triazaphospholes, triazoles, and azido-coumarin derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2011 , 48, 1258-1263	1.9	7
44	Synthesis, properties, and perspectives of gem-diphosphono substituted-thiazoles. <i>European Journal of Medicinal Chemistry</i> , 2008 , 43, 1015-24	6.8	7
43	An approach to biologically important S-heterocycles, dithiocarbamyls, and their relevant phosphono derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 103-108	1.9	7
42	APPLICATION OF DIALKYL CYANOMETHYLPHOSPHONATES IN SYNTHESIS OF BIOLOGICALLY ACTIVE PHOSPHONO SUBSTITUTED-HETEROCYCLES AND VINYLPHOSPHONATES. <i>Synthetic Communications</i> , 2001 , 31, 1953-1964	1.7	7
41	The Reactions of Phosphoryl Sulfoxides With Ortho- and Para-Quinones. Synthesis of α -Unsaturated Sulfoxides and Aryl 1,2-x-Fused onto Furan Rings. <i>Synthetic Communications</i> , 1998 , 28, 3579-3589	1.7	7
40	Synthesis of Fused Thioxo-Pyran Systems From Methylene Carbonyl Compounds and Bismethylene-1,3-dithietane. <i>Synthetic Communications</i> , 1999 , 29, 2657-2664	1.7	7
39	Reaction of 5-arylmethylene-2-thioxo-4-thiazolidinones with some phosphonium ylides. Synthesis of thiazolidino[4,5-x]-fused compounds. <i>Tetrahedron</i> , 1995 , 51, 11411-11420	2.4	7
38	PHOTOCHEMISTRY OF PESTICIDES, 71. REGIOSELECTIVE PHOTODIMERIZATION OF o,o-DIETHYL-o-(3-CHLORO-4-METHYLCOUMARIN-7-YL)-THIOPHOSPHATE (COUMAPHOS). <i>Phosphorous and Sulfur and the Related Elements</i> , 1987 , 29, 179-185		7
37	Developing efficient protocols for synthesis, antiosteoarthritic, antiinflammatory assessments and docking studies of nitrogen-containing bisphosphonate derivatives. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 1084-1097	5.9	6
36	Development of a general and efficient route to highly lipophilic benzoxazole-2ylphosphonates and their antineoplastic properties. <i>Monatshefte Für Chemie</i> , 2014 , 145, 1621-1630	1.4	6
35	The Reactions of Triphenylphosphine Alkylenes with 3(2-Thienyl)acrylonitriles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003 , 178, 125-135	1	6
34	Condensation of hydroxy ketones with phosphorus ylides: A convenient synthesis of linear heterocyclic formation. <i>Heteroatom Chemistry</i> , 1999 , 10, 481-487	1.2	6
33	ORGANOPHOSPHORUS COMPOUNDS, 9.1 THE REACTION OF YLID-PHOSPHORANES WITH NITROSONAPHTHOLS. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 39, 51-54		6
32	Structure-based design and synthesis of acyclic and substituted heterocyclic phosphonates linearly linked to thiazolobenzimidazoles as potent hydrophilic antineoplastic agents. <i>Chemical Papers</i> , 2017 , 71, 1961-1973	1.9	5

31	Cytotoxicity and AntiInflammation Profiles of Synthesized Thiazoles-Based N-Bisphosphonates and Relevant Bisphosphonic acids. <i>ChemistrySelect</i> , 2016 , 1, 3797-3803	1.8	5
30	Microwave-assisted synthesis and diabetic/antioxidant assessments of 1,3,2-benzothiazaphosphole-3(2H)-carbothioamide- and -diazaphosphole-3(2H)-dicarbothioamide 2-oxide derivatives. <i>Monatshefte Für Chemie</i> , 2016 , 147, 1797-1808	1.4	5
29	REACTIONS OF ASYMMETRICALLY SUBSTITUTED O-QUINONES: 3,5-DI-TERT-BUTYL-1,2-BENZOQUINONE WITH TRIPHENYL-PHOSPHINE, -ARSINE, -STIBINE, THEIR OXIDES AND TRIALKYL PHOSPHATES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1997 , 126, 75-88	1	5
28	SIMILARITY AND DISSIMILARITY BETWEEN WITTIG AND WITTIG-HORNER SYNTHON REACTIVITY TOWARD CYCLIC AND ACYCLIC cis-DISULFIDES. <i>Heterocyclic Communications</i> , 2004 , 10,	1.7	5
27	Further Insight into the Reactivity of Oxazinones Toward Phosphorus Reagents. <i>Synthetic Communications</i> , 2004 , 34, 4119-4134	1.7	5
26	Action of Nucleophilic Phosphorus Reagents on Heterocyclic cis-Disulfides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1996 , 109, 557-560	1	5
25	ORGANOPHOSPHORUS CHEMISTRY 24.1 WITTIG REACTION OF BAROYLACRYLIC- AND CINNAMIC ACIDS. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1992 , 66, 79-85	1	5
24	Photochemistry of pesticides, 9. Further studies on the photochemistry of O,O-diethyl O-(3-chloro-4-methyl-2-oxo-2H-1-benzopyran-7-yl) thiophosphate (Coumaphos). <i>Journal of Agricultural and Food Chemistry</i> , 1988 , 36, 1291-1294	5.7	5
23	ORGANOPHOSPHORUS CHEMISTRY 10. THE BEHAVIOUR OF BAROYLACRYLIC ACIDS TOWARD NUCLEOPHILIC PHOSPHORUS COMPOUNDS. <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 40, 19-26		5
22	Cyclic oxyphosphoranes in synthesis. A novel synthesis of oxathiaphospholenes, fused pyrimidines and aminoxyphosphoranes. <i>Arkivoc</i> , 2005 , 2005, 102-117	0.9	5
21	Synthesis of Lipophilic-2-Mercaptobenzoxazoles and 2-Spirothiophene-Phosphonate Derivatives as Potent Anticancer Agents. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 923-931	1.9	4
20	Synthesis and Bioactivity of Benzothiazaphosphepines and Relevant Phosphonates as Antioxidant/Antidiabetic Agents. <i>Synthetic Communications</i> , 2014 , 44, 2669-2678	1.7	4
19	Overview on the phosphonation of the C=X functional groups utilizing alkyl phosphites. <i>Synthetic Communications</i> , 2017 , 47, 1631-1660	1.7	4
18	Design, Synthesis, and Antioxidant/Antidiabetic Activity of Nucleic Acid Bases Bearing Fused N,S-Heterocyclic Phosphor Esters. <i>Journal of Heterocyclic Chemistry</i> , 2015 , 52, 1654-1662	1.9	4
17	PHOTOCHEMISTRY OF PESTICIDES, 13.1 SOME PHOTOREACTIONS OF O,O-DIETHYL-O-(4-METHYL-2-OXO-2H-1-BENZOPYRAN-7-YL)-PHOSPHOROTHIOATE (POTASAN). <i>Phosphorous and Sulfur and the Related Elements</i> , 1988 , 39, 199-203		4
16	Investigations of the Chemistry of Alkyl Phosphites Toward Nitrogen-Containing Compounds: Efficient Approaches to α Amino-, β Amino-, and/or Enaminophosphonates. <i>Synthetic Communications</i> , 2015 , 45, 1929-1963	1.7	3
15	Comparative Behaviour of 2,6-Di-tert-butyl- and 2,3-Dichloro-5,6-dicyano-1,4-benzoquinone with Some Phosphorus Reagents. <i>Journal of Chemical Research Synopses</i> , 1998 , 28-29		3
14	General Approach for Regioselective Synthesis of Fused Phosphono Substituted-Heterocycles. Reactions of Bismethylene-1,3-dithietane with H ⁻ Nucleophiles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2002 , 177, 1885-1888	1	3

13	Synthesis of a Series of Substituted Thiazole Derivatives: New COX-2 Enzyme Inhibitors for Colon Cancer and Inflammation Treatment. <i>ChemistrySelect</i> , 2018 , 3, 13329-13337	1.8	2
12	Efficient Approaches for the Synthesis of Substituted Thiazolo[3,2-a]-benzimidazole-Phosphonates and -Phosphinic Diamide Derivatives. <i>ChemistrySelect</i> , 2016 , 1, 6106-6110	1.8	1
11	Computer-aided design, synthesis, and biological studies of anticancer nitrogen-containing tetraphosphonic acids against melanoma. <i>Monatshefte Für Chemie</i> , 2018 , 149, 1481-1491	1.4	1
10	Electron Ionization Mass Spectra of Organophosphorus Compounds. Part III: Mass Spectrometric Fragmentation of Diethyl Spiro[Pyrimidino[5,3?][1,2]Oxazole] Phosphonate, Diethyl (Oxazolo[5,4-D]Pyrimidine-4,6-Dione)Phosphonate, and Diethyl	1	1
9	Ring Transformations of 1,2,4-Dithiazoles: Synthesis and Biological Studies of Novel S-Heterocycles, and Their Relevant Phosphono Derivatives. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2007 , 62, 93-100	1	1
8	Synthesis of a New Type of 1,1-Bisphosphonates Bearing S-, and N-Heterocycles, Based on the Reactions of Methylenebisphosphonate with Alkenes.. <i>ChemInform</i> , 2003 , 34, no		1
7	Synthesis and Characteristics of Novel Thiazole and Dithiazole Derivatives. Reactions of Acyclic and Heterocyclic Cis-Disulfides with Some Nucleophilic Phosphorus Reagents. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1999 , 144, 393-396	1	1
6	PREPARATION AND REACTIONS OF ANTHRONE AND XANTHENE-RIPHENYLPHOSPHONIUM SALTS. A FACILE AND EFFICIENT APPROACH TO ALKYLATION AND ALKENYLATION OF CYCLES AND HETEROCYCLES. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 61, 283-288	1	1
5	REACTION OF WITTIG REAGENTS WITH DIHALOKETONES. DIBENZOYLMETHANE DIBROMIDE AND 1,3-INDANDIONE DIBROMIDE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991 , 60, 49-55	1	1
4	Microwave promoted synthesis and anticancer screening of aminobisphosphonates-based benzothiazole motif against human breast and colon cancer diseases. <i>Chemical Papers</i> , 2018 , 72, 2753-2768	1.8	1
3	Synthesis and antidiabetic/antioxidant properties of nucleobase-bearing phosphor ester motifs. <i>Monatshefte Für Chemie</i> , 2017 , 148, 2195-2210	1.4	0
2	Synthesis approach and biological activity evaluation of a series of 1,3,2-oxazaphosphole-2-oxides against inflammation and nociception. <i>Monatshefte Für Chemie</i> , 2019 , 150, 283-294	1.4	0
1	SCOPE AND MECHANISM OF THE REACTION OF ALKYLIDENE PHOSPHORANES WITH 10-METHYLENEANTHRONE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1993 , 84, 197-204	1	1