

Francisco Palacios

List of Publications by Citations

Source: <https://exaly.com/author-pdf/653077/francisco-palacios-publications-by-citations.pdf>

Version: 2024-04-24

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.

242
papers

6,857
citations

41
h-index

68
g-index

384
ext. papers

7,521
ext. citations

3.6
avg. IF

5.88
L-index

#	Paper	IF	Citations
242	Carbon trifluoromethylation reactions of hydrocarbon derivatives and heteroarenes. <i>Chemical Reviews</i> , 2015 , 115, 1847-935	68.1	725
241	Synthesis of beta-aminophosphonates and -phosphinates. <i>Chemical Reviews</i> , 2005 , 105, 899-931	68.1	296
240	The aza-Wittig reaction: an efficient tool for the construction of carbon-nitrogen double bonds. <i>Tetrahedron</i> , 2007 , 63, 523-575	2.4	287
239	2H-Azirines as Synthetic Tools in Organic Chemistry. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 2401-2414	3.2	170
238	(C5Me5)SiMe3 as a mild and effective reagent for transfer of the C5Me5 ring: an improved route to monopentamethylcyclopentadienyl trihalides of the group 4 elements. <i>Journal of Organometallic Chemistry</i> , 1988 , 340, 37-40	2.3	149
237	Straightforward access to pyrazines, piperazinones, and quinoxalines by reactions of 1,2-diaza-1,3-butadienes with 1,2-diamines under solution, solvent-free, or solid-phase conditions. <i>Journal of Organic Chemistry</i> , 2006 , 71, 5897-905	4.2	98
236	SYNTHESIS OF REACTIVITY OF B-PHOSPHAZENES. USES AS SYNTHETIC INTERMEDIATES. <i>Organic Preparations and Procedures International</i> , 1991 , 23, 1-65	1.1	95
235	PREPARATION, PROPERTIES AND SYNTHETIC APPLICATIONS OF 2H-AZIRINES A REVIEW. <i>Organic Preparations and Procedures International</i> , 2002 , 34, 219-269	1.1	91
234	Synthesis of aza polycyclic compounds derived from pyrrolidine, indolizidine, and indole via intramolecular Diels-Alder cycloadditions of neutral 2-azadienes. <i>Journal of Organic Chemistry</i> , 2002 , 67, 1941-6	4.2	79
233	Aza-Wittig Reaction of N-Vinyl Phosphazenes with Carbonyl Compounds. Azadiene-Mediated Synthesis of Isoquinolines and 5,6-Dihydro-2H-1,3-oxazines. <i>Journal of Organic Chemistry</i> , 1997 , 62, 1146-1154	4.2	77
232	Synthesis of pyrazine-phosphonates and -phosphine oxides from 2H-azirines or oximes. <i>Organic Letters</i> , 2002 , 4, 2405-8	6.2	72
231	Asymmetric synthesis of 2H-aziridine phosphonates, and β - or γ -aminophosphonates from enantiomerically enriched 2H-azirines. <i>Tetrahedron: Asymmetry</i> , 2003 , 14, 689-700		71
230	Regioselective alkylation reactions of hydrazones derived from phosphine oxides and phosphonates. Synthesis of phosphorus substituted 1-amino-pyrrolones, pyridinones and pyrroles. <i>Tetrahedron</i> , 2001 , 57, 1961-1972	2.4	71
229	Simple asymmetric synthesis of 2H-azirines derived from phosphine oxides. <i>Journal of Organic Chemistry</i> , 2000 , 65, 3213-7	4.2	67
228	Synthesis and Reactivity of Electron-Poor 2-Azadienes. [4 + 2] Cycloaddition Reactions with Alkenes and Enamines. <i>Journal of Organic Chemistry</i> , 1995 , 60, 2384-2390	4.2	64
227	Mechanism and stereoselectivity of the aza-Wittig reaction between phosphazenes and aldehydes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 2839-47	4.2	62
226	Asymmetric synthesis of 2H-azirines derived from phosphine oxides using solid-supported amines. Ring opening of azirines with carboxylic acids. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7283-8	4.2	61

225	An Efficient Synthesis of Achiral and Chiral Cyclic Dehydro- β -Amino Acid Derivatives Through Nucleophilic Addition of Amines to β -Unsaturated Keto Esters. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 2843-2850	3.2	59
224	Synthetic Applications of Intramolecular Aza-Wittig Reaction for the Preparation of Heterocyclic Compounds. <i>Current Organic Chemistry</i> , 2009 , 13, 810-828	1.7	56
223	Aza-Wittig reaction of N-phosphorylalkyl phosphazenes with carbonyl compounds and phenylisocyanate. Synthesis of 4-amino-3-phosphoryl-2-azadienes and pyrazine-phosphonates. <i>Tetrahedron</i> , 2003 , 59, 2617-2623	2.4	56
222	Regioselective synthesis of fluoroalkylated beta-aminophosphorus derivatives and aziridines from phosphorylated oximes and nucleophilic reagents. <i>Journal of Organic Chemistry</i> , 2006 , 71, 6141-8	4.2	55
221	Reaction of 2H-azirine phosphine oxide and -phosphonates with nucleophiles. Stereoselective Synthesis of functionalized aziridines and alpha- and beta-aminophosphorus derivatives. <i>Journal of Organic Chemistry</i> , 2005 , 70, 8895-901	4.2	54
220	A simple synthesis of 3-phosphonyl-4-aminoquinolines from β -enaminophosphonates. <i>Tetrahedron</i> , 1999 , 55, 5947-5964	2.4	54
219	Cycloaddition reaction of 2-azadienes derived from beta-amino acids with electron-rich and electron-deficient alkenes and carbonyl compounds. Synthesis of pyridine and 1,3-oxazine derivatives. <i>Journal of Organic Chemistry</i> , 2002 , 67, 2131-5	4.2	53
218	An effective strategy for the preparation of β -unsaturated hydrazones and pyrazole derivatives. Synthetic applications of β -functionalized phosphorus compounds.. <i>Tetrahedron</i> , 1994 , 50, 12727-12742	2.4	53
217	An efficient and mild conditions synthesis of 2-aza-1,3-dienes from phosphazenes.. <i>Tetrahedron Letters</i> , 1988 , 29, 4863-4864	2	52
216	Copper-catalyzed asymmetric conjugate addition of diethylzinc to alpha,beta-unsaturated imines derived from alpha-aminoacids. Enantioselective synthesis of gamma-substituted alpha-dehydroaminoesters. <i>Organic Letters</i> , 2006 , 8, 5405-8	6.2	51
215	Reaction of N-Vinyl Phosphazenes Derived from β -Amino Acids with Aldehydes. Azadiene-Mediated Synthesis of Dihydropyridines, Pyridines, and Polycyclic Nitrogen Derivatives. <i>Journal of Organic Chemistry</i> , 1999 , 64, 6239-6246	4.2	51
214	Preparation of fluoroalkyl imines, amines, enamines, ketones, alpha-amino carbonyls, and alpha-amino acids from primary enamine phosphonates. <i>Journal of Organic Chemistry</i> , 2004 , 69, 8767-74	4.2	49
213	β -Phosphono- and Phosphinopeptides Derived from β -Amino-Phosphonic and Phosphinic Acids. <i>Current Organic Chemistry</i> , 2004 , 8, 1481-1496	1.7	49
212	Easy and efficient synthesis of enantiomerically enriched 2H-azirines derived from phosphonates. <i>Tetrahedron Letters</i> , 2000 , 41, 5363-5366	2	48
211	Cycloaddition Reactions of Azidomethyl Phosphonate with Acetylenes and Enamines. Synthesis of Triazoles. <i>Heterocycles</i> , 1998 , 48, 161	0.8	45
210	A β -pot synthesis of polysubstituted pyridines from metallated alkylphosphonates, nitriles and β -unsaturated ketones. <i>Tetrahedron Letters</i> , 1996 , 37, 4577-4580	2	45
209	Lewis Acid Activated Aza-Diels-Alder Reaction of N-(3-Pyridyl)aldimines: An Experimental and Computational Study. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 2091-2099	3.2	44
208	Synthesis of secondary E-allylamines and β -aminophosphorylated compounds from β -functionalized enamines derived from phosphonium salts, phosphine oxides and phosphonates. <i>Tetrahedron</i> , 1996 , 52, 9609-9628	2.4	44

- 207 A convenient synthesis of substituted pyrazolidines and azaproline derivatives through highly regio- and diastereoselective reduction of 2-pyrazolines. *Journal of Organic Chemistry*, **2008**, 73, 550-7 4.2 43
- 206 Efficient synthesis of 1-azadienes derived from alpha-aminoesters. Regioselective preparation of alpha-dehydroamino acids, vinylglycines, and alpha-amino acids. *Journal of Organic Chemistry*, **2006**, 71, 7690-6 4.2 43
- 205 Aza-Wittig reaction of fluoroalkylated N-vinyl phosphazenes with carbonyl compounds. Usefulness of 2-azadienes for the preparation of fluoroalkyl pyridine derivatives. *Tetrahedron*, **2005**, 61, 2779-2794 2.4 43
- 204 Conjugate addition of amines to an alpha,beta-unsaturated imine derived from alpha-aminophosphonate. Synthesis of gamma-amino-alpha-dehydroaminophosphonates. *Journal of Organic Chemistry*, **2009**, 74, 452-5 4.2 42
- 203 Asymmetric Cyanation of β -Ketiminophosphonates Catalyzed by Cinchona Alkaloids: Enantioselective Synthesis of Tetrasubstituted β -Aminophosphonic Acid Derivatives from Trisubstituted β -Aminophosphonates. *Advanced Synthesis and Catalysis*, **2012**, 354, 2641-2647 5.6 41
- 202 Synthesis of alpha-phosphorylated alpha,beta-unsaturated imines and their selective reduction to vinylogous and saturated alpha-aminophosphonates. *Journal of Organic Chemistry*, **2007**, 72, 2682-5 4.2 41
- 201 A new and efficient synthesis of imidazo[1,5-a] pyridine derivatives by a tandem aza-Wittig / electrocyclic ring closure of N-vinyl phosphazenes. *Tetrahedron*, **1995**, 51, 3683-3690 2.4 41
- 200 Reactivity and selectivity of N-vinyl β -phosphazenes towards electrophiles. Synthesis of 2-aza-1,3-dienes. *Journal of the Chemical Society Perkin Transactions 1*, **1990**, 2193-2197 4.0
- 199 Facile and efficient preparation of the unknown primary β -enaminophosphines. Synthesis of the first 1,3,4-diaza- β -phosphinines.. *Tetrahedron Letters*, **1987**, 28, 2875-2878 2 4.0
- 198 Synthesis of fluoroalkylated beta-aminophosphonates and pyridines from primary beta-enaminophosphonates. *Journal of Organic Chemistry*, **2008**, 73, 4568-74 4.2 39
- 197 Reaction of N-vinyl phosphazenes with alpha,beta-unsaturated aldehydes. Azatriene-mediated synthesis of dihydropyridines and pyridines derived from beta-amino acids. *Journal of Organic Chemistry*, **2006**, 71, 6020-30 4.2 39
- 196 Fluoroalkyl alpha,beta-unsaturated imines. Valuable synthetic intermediates from primary fluorinated enamine phosphonates. *Organic Letters*, **2002**, 4, 769-72 6.2 39
- 195 The hydrolysis of pentamethylcyclopentadienyltitanium trihalides and the formation of di-, tri-, and tetra-nuclear β -exo complexes. Crystal structure of [(C5Me5)TiBr(EO)]₄CHCl₃, which contains a Ti₄O₄ ring. *Journal of Organometallic Chemistry*, **1989**, 375, 51-58 2.3 39
- 194 Novel topoisomerase I inhibitors. Syntheses and biological evaluation of phosphorus substituted quinoline derivatives with antiproliferative activity. *European Journal of Medicinal Chemistry*, **2018**, 149, 225-237 6.8 37
- 193 [4+2] Cycloadditions of 3-Tetrazolyl-1,2-diaza-1,3-butadienes: Synthesis of 3-Tetrazolyl-1,4,5,6-tetrahydropyridazines. *European Journal of Organic Chemistry*, **2012**, 2012, 2152-2160 3.2 37
- 192 Synthesis and Reactivity of Imines Derived from Bisphosphonates and 3-Phosphorylated 2-Aza-1,3-dienes. *Tetrahedron*, **2000**, 56, 6319-6330 2.4 37
- 191 Molecular structure of trichloro(β -pentamethylcyclopentadienyl)zirconium(IV). *Journal of Organometallic Chemistry*, **1994**, 480, c10-c11 2.3 37
- 190 Recent advances of the Povarov reaction in medicinal chemistry. *Drug Discovery Today: Technologies*, **2018**, 29, 71-79 7.1 37

189	Preparation of 3-(Fluoroalkyl)-2-azadienes and Its Application in the Synthesis of (Fluoroalkyl)isoquinoline and -pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 1795-1804	3.2	36
188	An efficient and general strategy for the synthesis of 4-phosphorylated pyrazoles from Hydrazono phosphine oxides. <i>Tetrahedron</i> , 1996 , 52, 4123-4132	2.4	36
187	Synthesis and biological evaluation of indeno[1,5]naphthyridines as topoisomerase I (TopI) inhibitors with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , 2016 , 115, 179-90	6.8	34
186	Selective synthesis of substituted pyrrole-2-phosphine oxides and -phosphonates from 2H-azirines and enolates from acetyl acetates and malonates. <i>Journal of Organic Chemistry</i> , 2011 , 76, 9472-7	4.2	34
185	Selective synthesis of α -fluoro- β -keto- and α -fluoro- β -aminophosphonates via electrophilic fluorination by selectfluor. <i>Journal of Organic Chemistry</i> , 2011 , 76, 1170-3	4.2	34
184	An efficient strategy for the regioselective synthesis of 3-phosphorylated-1-aminopyrroles from Hydrazono phosphine oxides and phosphonates. <i>Tetrahedron</i> , 1999 , 55, 13767-13778	2.4	34
183	Synthesis of Polyfunctionalized 1-Aminobuta-1,3-dienes by Addition of Dimethyl Acetylenedicarboxylate to (Z)- β -Enamino- λ -5-Phosphazenes. Configurational and Conformational Analysis Based on NOE Data, nJ _{PX} Coupling Constant, X-ray Structures, and Semiempirical Calculations. <i>Journal of Organic Chemistry</i> , 1994 , 59, 1984-1992	4.2	34
182	One pot synthesis of 2-vinyl-1-azadienes and divinylketones. <i>Tetrahedron Letters</i> , 1989 , 30, 5493-5496	2	34
181	Asymmetric Synthesis of Functionalized Tetrasubstituted β -Aminophosphonates through Enantioselective Aza-Henry Reaction of Phosphorylated Ketimines. <i>Journal of Organic Chemistry</i> , 2015 , 80, 156-64	4.2	32
180	Regioselective synthesis of 4- and 5-oxazole-phosphine oxides and -phosphonates from 2H-azirines and acyl chlorides. <i>Tetrahedron</i> , 2004 , 60, 8937-8947	2.4	32
179	A simple and efficient one-pot synthesis of 2-aza-1,3-butadienes from N-vinyl β -phosphazenes. <i>Tetrahedron Letters</i> , 1990 , 31, 3497-3500	2	32
178	. <i>European Journal of Organic Chemistry</i> , 1998 , 1998, 1413-1423	3.2	31
177	Multicomponent reactions (MCRs): a useful access to the synthesis of benzo-fused β -lactams. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1065-1085	2.5	30
176	Antileishmanial effect of new indeno-1,5-naphthyridines, selective inhibitors of Leishmania infantum type IB DNA topoisomerase. <i>European Journal of Medicinal Chemistry</i> , 2016 , 124, 740-749	6.8	30
175	Reactions of conjugate phosphinyl- and phosphonyl-nitroso alkenes with enamines. Preparation of N-hydroxypyrrole derivatives. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3444-8	4.2	30
174	Cycloaddition Reactions of Phosphorylated 1,2-Diaza-1,3-butadienes with Olefins: Regioselective Synthesis of Pyridazine Derivatives. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 1142-1147	3.2	30
173	A convenient synthesis of racemic and optically active 1-aza-1,3-dienes derived from β -amino esters: reduction to α -unsaturated and saturated β -amino acid derivatives. <i>Tetrahedron</i> , 2001 , 57, 3131-3144	2.4	30
172	Michael addition of amine derivatives to conjugate phosphinyl and phosphonyl nitrosoalkenes. Preparation of alpha-amino phosphine oxide and phosphonate derivatives. <i>Journal of Organic Chemistry</i> , 2007 , 72, 5202-6	4.2	29

- 171 Synthesis of Quinolinylphosphane Oxides and -phosphonates from N-Arylimines Derived from Phosphane Oxides and Phosphonates. *European Journal of Organic Chemistry*, **2002**, 2002, 4131-4136 3.2 29
- 170 Synthesis of functionalized β -amino-phosphine oxides and -phosphonates by addition of amines and aminoesters to 4-phosphinyl- and 4-phosphonyl-1,2-diaza-1,3-butadienes. *Tetrahedron*, **2005**, 61, 2815-2830 2.4 29
- 169 A regioselective synthesis of 5-pyrazolones and pyrazoles from phosphazenes derived from hydrazines and acetylenic esters. *Tetrahedron*, **1999**, 55, 14451-14458 2.4 29
- 168 Cycloaddition Reactions of Neutral 2-Azadienes with Enamines [Regiospecific Synthesis of Highly Substituted Dihydropyridines and Pyridines. *European Journal of Organic Chemistry*, **2001**, 2001, 2115-2122 3.2 28
- 167 A simple synthesis of 4-aza- β -phosphinines from Z-1,5-diaza-2 β -phosphapenta-1,3-dienes and dimethyl acetylenedicarboxylate. *Journal of the Chemical Society Chemical Communications*, **1985**, 1681-1682 28
- 166 A simple synthesis of 3H- β -phosphole derivatives from alkyldiphenylphosphine imines and dimethyl acetylenedicarboxylate. *Journal of the Chemical Society Chemical Communications*, **1986**, 1574-1575 28
- 165 An improved and effective method for the preparation of β -unsaturated oximes and isoxazole derivatives. *Tetrahedron*, **1998**, 54, 599-614 2.4 27
- 164 Reaction of N-Vinyl phosphazenes with carbonyl compounds. Reactivity of the vinyl side chain versus Aza-Wittig reaction. *Tetrahedron*, **1996**, 52, 4857-4866 2.4 27
- 163 Reactions of N-alkoxycarbonyl alkyldiphenyl- β -phosphazenes with acetylene esters. Synthesis of 1-aza-2-oxo-4 β -phosphinines. *Journal of Organometallic Chemistry*, **1990**, 382, 61-67 2.3 27
- 162 Synthesis of fluorinated β -aminophosphonates and β -lactams. *Journal of Organic Chemistry*, **2013**, 78, 3858-66 4.2 26
- 161 Preparation and reactions of 3-phosphinyl-1-aza-1,3-butadienes. Synthesis of phosphorylated pyridine and pyrazole derivatives. *Tetrahedron*, **2006**, 62, 1095-1101 2.4 26
- 160 Synthesis of optically active oxazoles from phosphorylated 2H-azirines and N-protected amino acids or peptides. *Tetrahedron: Asymmetry*, **2002**, 13, 2541-2552 26
- 159 Synthesis of 3-phosphorylated 2-aza-1,3-dienes from imines derived from bisphosphonates. *Tetrahedron Letters*, **1999**, 40, 2411-2414 2 26
- 158 Aza-Wittig reaction of N-vinyl phosphazenes with carbonyl compounds. Azadiene-mediated synthesis of dihydropyridines and pyridines. *Tetrahedron Letters*, **1996**, 37, 6379-6382 2 26
- 157 Antileishmanial activity of new hybrid tetrahydroquinoline and quinoline derivatives with phosphorus substituents. *European Journal of Medicinal Chemistry*, **2019**, 162, 18-31 6.8 26
- 156 Hetero-Diels-Alder reaction of phosphorylated nitroso alkenes with enol ethers on water: a clean approach toward 1,2-oxazine derivatives. *Journal of Organic Chemistry*, **2014**, 79, 7607-15 4.2 25
- 155 Diastereoselective hydrophosphonylation of imines using (R,R)-TADDOL phosphite. Asymmetric synthesis of α -aminophosphonic acid derivatives. *Organic and Biomolecular Chemistry*, **2010**, 8, 4255-8 3.9 25
- 154 A simple and efficient synthesis of 2-amino-1,3-butadienes from β -enamino phosphonium salts. *Tetrahedron Letters*, **1990**, 31, 6713-6716 2 25

153	Reaction of 2H-Azirine-Phosphine Oxides and -Phosphonates with Enolates Derived from β Keto Esters. <i>Journal of Organic Chemistry</i> , 2016 , 81, 100-8	4.2	24
152	A simple strategy for the preparation of 4-aminoquinolines from β Functionalized enamines. <i>Tetrahedron</i> , 1998 , 54, 1647-1656	2.4	24
151	Synthesis of Diethyl 1,2,3-Triazolealkylphosphonates through 1,3-Dipolar Cycloaddition of Azides with Acetylenes. <i>Heterocycles</i> , 1994 , 38, 95	0.8	24
150	Synthesis of 5-Phosphonyl-2(1H)-pyridones from Primary β -Enaminophosphonate and Acetylenic Esters. <i>Heterocycles</i> , 1995 , 41, 1915	0.8	24
149	Study of the Hetero-[4+2]-Cycloaddition Reaction of Aldimines and Alkynes. Synthesis of 1,5-Naphthyridine and Isoindolone Derivatives. <i>Journal of Organic Chemistry</i> , 2017 , 82, 6379-6387	4.2	23
148	Nucleophilic trifluoromethylation of carbonyl compounds and derivatives. <i>Arkivoc</i> , 2014 , 2014, 362-405	0.9	23
147	N-Phosphino- and N-Phosphoniumitrilimines: From Nucleophilic to Electrophilic 1,3-Dipoles. <i>Journal of Organic Chemistry</i> , 1997 , 62, 292-296	4.2	23
146	A simple and efficient strategy for the preparation of 5-phosphorylated imidazol-2-ones from primary β enaminophosphonates. <i>Tetrahedron</i> , 1998 , 54, 2281-2288	2.4	23
145	1,3-Dipolar Cycloadditions of Azidoalkylphosphonates to Enamines. Synthesis of D2-1,2,3-triazolines and Triazoles. <i>Heterocycles</i> , 1995 , 40, 543	0.8	22
144	An Efficient and General Strategy for The Synthesis of Secondary β -Allylamines from Phosphorylated Allenes. <i>Synlett</i> , 1994 , 1994, 260-262	2.2	22
143	A simple synthesis of the first 1,2- β -benzazaphosphinine ring.. <i>Tetrahedron Letters</i> , 1987 , 28, 4327-4328	2	22
142	Mechanistic aspects of the reaction of some phosphonium ylides with alkyl propynoates.. <i>Tetrahedron Letters</i> , 1988 , 29, 381-384	2	22
141	Diels-Alder reactions of 3-(1H-tetrazol-5-yl)-nitrosoalkenes: synthesis of functionalized 5-(substituted)-1H-tetrazoles. <i>Tetrahedron</i> , 2011 , 67, 8902-8909	2.4	21
140	Efficient synthesis of fluorinated β and β amino nitriles from fluoroalkylated β unsaturated imines. <i>Tetrahedron</i> , 2011 , 67, 1575-1579	2.4	21
139	An improved and general method for the synthesis of β unsaturated oximes from phosphine oxide allenens. <i>Tetrahedron Letters</i> , 1996 , 37, 1289-1292	2	21
138	Hetero-Diels-Alder reaction of phosphinyl and phosphonyl nitroso alkenes with conjugated dienes: an aza-Cope rearrangement. <i>Journal of Organic Chemistry</i> , 2011 , 76, 6715-25	4.2	20
137	Diastereoselective Aza-Baylis-Hillman Reactions: Synthesis of Chiral β Allenylamines and 2-Azetines from Allenic Esters. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 3249-3256	3.2	20
136	Regioselective synthesis of fluoroalkyl pyridine derivatives from 3-fluoroalkyl substituted 2-aza-1,3-butadienes. <i>Tetrahedron Letters</i> , 2004 , 45, 4031-4034	2	20

- 135 Addition of amine derivatives to phosphorylated 1,2-diaza-1,3-butadienes. Synthesis of β -aminophosphonates. *Tetrahedron Letters*, **2004**, 45, 4345-4348 2 20
- 134 ONE POT SYNTHESIS OF β -FUNCTIONALIZED VINYL AZIDES THROUGH ADDITION OF TETRAMETHYLGUANIDINIUM AZIDE TO ACETYLENIC AND ALLENIC COMPOUNDS. *Organic Preparations and Procedures International*, **1995**, 27, 171-178 1.1 20
- 133 Reactivity and chemoselectivity of primary Z- β -enamino- β -phosphazenes towards electrophiles. *Journal of the Chemical Society Perkin Transactions 1*, **1988**, 2329-2334 20
- 132 Catalytic Asymmetric Darzens and Aza-Darzens Reactions for the Synthesis of Chiral Epoxides and Aziridines. *ChemCatChem*, **2018**, 10, 5092-5114 5.2 20
- 131 Glyoxalate-Derived Aldimines in Cycloaddition Reactions with Olefins. *European Journal of Organic Chemistry*, **2011**, 2011, 4318-4326 3.2 19
- 130 An efficient and general method for the synthesis of 3-phosphorylated 4-aminoquinolines from β -phosphine oxide and phosphonate enamines. *Tetrahedron*, **1997**, 53, 2931-2940 2.4 19
- 129 Synthesis of Amidines Derived from Phosphonates and Phosphane Oxides [Amidine-Mediated Preparation of Phosphorylated Oxazolines. *European Journal of Organic Chemistry*, **2003**, 2003, 913-919 3.2 19
- 128 Free and Supported Phosphorus Ylides as Strong Neutral Brønsted Bases. *Journal of Organic Chemistry*, **1999**, 64, 3741-3744 4.2 19
- 127 Preparation of the compounds $(\text{EO})[\text{Ti}(\text{C}_5\text{Me}_5)_2\text{R}_2]_2$ (R = Me, CH_2Ph , or CH_2SiMe_3) and the crystal structure of the derivative with R = CH_2SiMe_3 . *Journal of Organometallic Chemistry*, **1989**, 375, 59-65 2.3 19
- 126 Synthesis of novel antiproliferative hybrid bis-(3-indolyl)methane phosphonate derivatives. *European Journal of Medicinal Chemistry*, **2018**, 158, 874-883 6.8 19
- 125 Brønsted-Acid-Catalyzed Asymmetric Three-Component Reaction of Amines, Aldehydes, and Pyruvate Derivatives. Enantioselective Synthesis of Highly Functionalized β -Lactam Derivatives. *Organic Letters*, **2018**, 20, 317-320 6.2 18
- 124 The Neber approach to 2-(tetrazol-5-yl)-2H-azirines. *Journal of Organic Chemistry*, **2013**, 78, 6983-91 4.2 18
- 123 A diastereoselective aza-Diels-Alder reaction of N-aryl-1-azadienes derived from β -amino acids with enamines. *Tetrahedron Letters*, **2011**, 52, 4109-4111 2 18
- 122 Fluoroalkylated β -Unsaturated Imines: Efficient and Versatile Substrates for the Synthesis of Fluorinated Vinylogous β -Amino Esters and 3,4-Dihydropyridin-2-ones. *European Journal of Organic Chemistry*, **2010**, 2010, 6618-6626 3.2 18
- 121 Synthesis of pentasubstituted pyridines. Cycloadditions of N-vinyl heterocumulenes with 1-(N,N-diethylamino)prop-1-yne. *Tetrahedron*, **1997**, 53, 4521-4530 2.4 18
- 120 An easy strategy for the synthesis of 5-phosphorylated pyrimidin-2,4-diones from β -phosphine oxide and phosphonate enamines. *Tetrahedron*, **1999**, 55, 3105-3116 2.4 18
- 119 Reaction of (Z)- β -enamino β -phosphazenes and dimethyl acetylenedicarboxylate. *Journal of the Chemical Society Perkin Transactions 1*, **1989**, 2273-2277 18
- 118 Synthesis of 2-Oxo-2,5-dihydropyrroles; A Structural Reassignment. *Synthesis*, **1981**, 1981, 200-201 2.9 18

117	Aza-Diels-Alder reaction of β -unsaturated sulfinylimines derived from β -amino acids with enoethers and enamines. <i>Tetrahedron Letters</i> , 2007 , 48, 6747-6750	2	17
116	A new and efficient strategy for the preparation of 1,5,2-diazaphosphorines from primary β -aminophosphonates. <i>Tetrahedron</i> , 1999 , 55, 3091-3104	2.4	17
115	CYCLOADDITIONS OF AZIDOALKYLCARBOXYLATES TO ACETYLENES AND ENAMINES. REGIOSELECTIVE SYNTHESIS OF SUBSTITUTED TRIAZOLES. <i>Organic Preparations and Procedures International</i> , 1995 , 27, 603-612	1.1	17
114	Carbonyl Insertions into Metal-Nitrogen Bonds of Group 4 Dialkylamido Complexes. X-ray Structure of $Cp^*(Me_2N)_2Ti[O(Me_2N)C]W(CO)_5$. <i>Organometallics</i> , 1995 , 14, 131-136	3.8	17
113	Regioselective Alkylation Reactions of Enamines Derived from Phosphane Oxides β -Synthesis of Phosphorus Substituted Enamino Esters, β -Amino-phosphonates, Pyridone Derivatives and Pyrroles. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 3357	3.2	16
112	Straightforward synthesis and biological evaluation as topoisomerase I inhibitors and antiproliferative agents of hybrid Chromeno[4,3-b][1,5]Naphthyridines and Chromeno[4,3-b][1,5]Naphthyridin-6-ones. <i>European Journal of Medicinal Chemistry</i> , 2019 , 178, 752-766	6.8	15
111	N-Vinyl Phosphazenes. A Useful Tool for the Synthesis of Acyclic and Heterocyclic Compounds. <i>Current Organic Chemistry</i> , 2006 , 10, 2371-2392	1.7	15
110	Synthesis and subsequent reactivity of 1-amino-2-aza-1,3-butadienes derived from β -amino esters. <i>Tetrahedron Letters</i> , 2006 , 47, 7815-7818	2	15
109	Synthesis and characterisation of chlorobis(dialkylamido) and alkylbis(dialkylamido) derivatives of $[(\beta-C_5Me_5)_2MCl_3]$ (M = Ti, Zr). <i>Journal of Organometallic Chemistry</i> , 1995 , 494, 255-259	2.3	15
108	Enantioselective β -Aminophosphonate Functionalization of Indole Ring through an Organocatalyzed Friedel-Crafts Reaction. <i>Journal of Organic Chemistry</i> , 2019 , 84, 1094-1102	4.2	15
107	First synthesis of merged hybrids phosphorylated azirino[2,1-b]benzo[e][1,3]oxazine derivatives as anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2020 , 185, 111771	6.8	15
106	Reliable Synthesis of Phosphino- and Phosphine Sulfide-1,2,3,4-Tetrahydroquinolines and Phosphine Sulfide Quinolines. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 2916-2924	3.2	14
105	Regioselective synthesis of pyrrolin-3-ones and 2,3,4,5-tetrahydro[1,3]-oxazines from N-vinylamidines. <i>Tetrahedron</i> , 2009 , 65, 1119-1124	2.4	14
104	Regioselective cycloaddition of 3-azatrienes with enamines. Synthesis of pyridines derived from β -aminoacids. <i>Tetrahedron</i> , 2006 , 62, 7661-7666	2.4	14
103	A simple route to novel 2,5-dihydro-1,5,2-diazaphosphinines from primary enamine phosphonates. <i>Tetrahedron Letters</i> , 2002 , 43, 5917-5919	2	14
102	Reaction of β -metallated N-acyl- β -phosphazenes with aryl cyanides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989 , 615-618		14
101	Synthesis and reactions of β -enamino phosphonium salts. Preparation of 2-vinyl-1-aza-1,3-dienes and penta-1,4-dien-3-ones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991 , 341-345		14
100	Enantioselective Aza-Reformatsky Reaction with Ketimines. <i>Organic Letters</i> , 2019 , 21, 9473-9477	6.2	14

- 99 Multicomponent Reactions in the Synthesis of β -Lactams. *Synthesis*, **2018**, 50, 4539-4554 2.9 14
- 98 Substituted 1,5-naphthyridine derivatives as novel antileishmanial agents. Synthesis and biological evaluation. *European Journal of Medicinal Chemistry*, **2018**, 152, 137-147 6.8 13
- 97 A Brønsted Acid-Catalyzed Multicomponent Reaction for the Synthesis of Highly Functionalized β -Lactam Derivatives. *Molecules*, **2019**, 24, 4.8 13
- 96 Regioselective synthesis of pyridines and dihydropyridines derived from β -amino acids and aminophosphonates by reaction of N-vinyl phosphazenes with α,β -unsaturated ketones. *Tetrahedron*, **2007**, 63, 5669-5676 2.4 13
- 95 Reactions of 1,2-diaza-1,3-dienes with thiol derivatives: a versatile construction of nitrogen/sulfur containing heterocycles. *Tetrahedron*, **2008**, 64, 9264-9274 2.4 13
- 94 Reactions of N-vinyl phosphazenes with azodicarboxylic and acetylenic esters. *Tetrahedron*, **2004**, 60, 2469-2474 2.4 13
- 93 Reaction of acetylenic esters and N-functionalized phosphazenes. 1,2-versus 1,4-addition of N-vinyl phosphazenes. *Organic and Biomolecular Chemistry*, **2003**, 1, 1112-8 3.9 13
- 92 Easy and Efficient Generation of Reactive Anions with Free and Supported Ylides as Neutral Brønsted Bases. *Tetrahedron*, **2000**, 56, 663-669 2.4 13
- 91 Preparation and reactivity of electron-poor 2-azadienes. Diels-Alder reaction with trans-cyclooctene. *Tetrahedron Letters*, **1993**, 34, 4377-4380 2 13
- 90 Reaction of 4-Amino-1-azabutadiene Derivatives with Phosphorus(III) Halides: Synthesis of 1,2-Dihydro-1,3,2-P III-diazaphosphorine Derivatives. *Synthesis*, **1985**, 1985, 309-311 2.9 13
- 89 Synthesis and biological evaluation of cyanoaziridine phosphine oxides and phosphonates with antiproliferative activity. *European Journal of Medicinal Chemistry*, **2019**, 163, 736-746 6.8 13
- 88 Stereoselective formation of tertiary and quaternary carbon centers via inverse conjugate addition of carbonucleophiles to allenic esters. *Tetrahedron*, **2010**, 66, 7720-7725 2.4 12
- 87 Synthesis of novel 2,5-dihydro-1,5,2-diazaphosphinines from primary enamine phosphonates and from alkyl phosphonates. *Tetrahedron*, **2005**, 61, 1087-1094 2.4 12
- 86 Regioselective Synthesis of 1-Alkyl-1-phenylhydrazines, 2-Alkyl-1-phenylhydrazines, and 1,2-Dialkyl-1-phenylhydrazines. *Synthesis*, **1990**, 1990, 398-400 2.9 12
- 85 1,3-dipolar cycloadditions of aromatic azoxy compounds to strained cyclo-alkenes. *Tetrahedron Letters*, **1982**, 23, 55-58 2 12
- 84 Advantages of an optical nanosensor system for the mechanistic analysis of a novel topoisomerase I targeting drug: a case study. *Nanoscale*, **2017**, 9, 1886-1895 7.7 11
- 83 β -Aminophosphonates: Useful Intermediates for Enantioselective Synthesis of β -Aminophosphonates. *Asian Journal of Organic Chemistry*, **2020**, 9, 538-548 3 11
- 82 Synthesis of novel hybrid quinolino[4,3-b][1,5]naphthyridines and quinolino[4,3-b][1,5]naphthyridin-6(5H)-one derivatives and biological evaluation as topoisomerase I inhibitors and antiproliferatives. *European Journal of Medicinal Chemistry*, **2020**, 195, 112292 6.8 11

81	Enantioselective Synthesis of β -Functionalized β -Dehydroamino Esters. <i>Synthesis</i> , 2007 , 2007, 3923-3925	2.9	11
80	Synthesis of N-Functionalized Carbodiimides, Hydantoins, 1,3-Diazetidines, and Imidazolidine Derivatives from N-Vinyl Phosphazenes Derived from β -Amino Acids. <i>Heterocycles</i> , 2001 , 55, 1641	0.8	11
79	A simple and efficient synthesis of β -unsaturated hydrazones from functionalized ylides and phosphine oxides. <i>Tetrahedron Letters</i> , 1993 , 34, 3481-3484	2	11
78	An efficient and general strategy for the synthesis of 1,4-dihydro- β - and - β -azaphosphinines from 2-aza-1,3-dienes. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 1596-1597		11
77	Functionalized Phosphine Imides. Diastereoselective Synthesis of β -Hydroxyphosphorylated Derivatives. <i>Synthesis</i> , 1988 , 1988, 562-564	2.9	11
76	Reaction of Schiff Bases with Diazenedicarboxylic Esters: Synthesis of 2-Oxo-2,3-dihydroimidazoles. <i>Synthesis</i> , 1981 , 1981, 563-565	2.9	11
75	1,3-Dipolare Cycloadditionen, 86. Aromatische Azoxyverbindungen und gespannte Cycloalkene. <i>Chemische Berichte</i> , 1982 , 115, 2242-2255		11
74	Reaction of schiff bases with acrylamides. Synthesis of 2-oxotetrahydropyridines. <i>Journal of Heterocyclic Chemistry</i> , 1983 , 20, 65-67	1.9	11
73	Synthesis and biological evaluation of 1,5-naphthyridines as topoisomerase I inhibitors. A new family of antiproliferative agents. <i>Current Topics in Medicinal Chemistry</i> , 2014 , 14, 2722-8	3	11
72	Synthesis of Tetrasubstituted β -Aminophosphonic Acid Derivatives from Trisubstituted β -Aminophosphonates. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7095-7100	3.2	10
71	Regioselective Conjugate Addition of Nitriles to β -Unsaturated Imines: Synthesis of Fluorinated Primary Enamines and 2-Aminopyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 5614-5620	3.2	10
70	Reactivity of Conjugated Phosphazenes Derived from Dehydroaspartic Esters with Acyl Halides. Synthesis of 5(4H)-Oxazolone. <i>Heterocycles</i> , 2000 , 52, 1057	0.8	10
69	The Reaction of Arylhydrazones with Acetylenedicarboxylic Acid Esters. <i>Synthesis</i> , 1975 , 1975, 642-643	2.9	10
68	An Efficient Synthesis of 3-Phosphorylated 4(1H)-Pyridones and 4-Chloropyridines from β -Enaminophosphonates. <i>Heterocycles</i> , 1998 , 47, 517	0.8	10
67	Use of polymer-supported amines in catalytic nitroaldol reaction of nitroalkanes with aldehydes. <i>Arkivoc</i> , 2005 , 2005, 405-414	0.9	10
66	β -Ketiminophosphonates: Synthesis and Applications. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 638-643	1	9
65	A new domino synthesis of polyfunctionalized pentasubstituted pyridines. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 865-866		9
64	[4+2] Cycloaddition Reactions of Neutral 2-Azadienes with Electron-deficient Dienophiles. <i>Heterocycles</i> , 2003 , 61, 493	0.8	9

63	Bristed Acid Catalyzed Multicomponent Synthesis of Phosphorus and Fluorine-Derived Lactam Derivatives. <i>Journal of Organic Chemistry</i> , 2020 , 85, 14369-14383	4.2	9
62	New chiral building blocks of Peptoid analogs. <i>Tetrahedron</i> , 2009 , 65, 9116-9124	2.4	8
61	New approach to exclusive formation of both enantiomers of amino acid derivatives. <i>Tetrahedron</i> , 2008 , 64, 8141-8148	2.4	8
60	Diastereofacial Selectivity in the Reaction of (C-1)-Metalated Alkyldiphenylphosphine Imides with Schiff Bases. <i>Synthesis</i> , 1989 , 1989, 298-300	2.9	8
59	Fused 1,5-Naphthyridines: Synthetic Tools and Applications. <i>Molecules</i> , 2020 , 25,	4.8	8
58	Reaction of phosphinylated nitrosoalkenes with electron-rich heterocycles. Electrophilic aromatic substitution vs. cycloaddition. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 662-671	3.9	7
57	Asymmetric Synthesis of Substituted-Amino Phosphonates and Phosphinates and Amino Sulfur Analogs 2005 , 277-318		7
56	Stereoselective Syntheses of Allylic Amines Through Reduction of 1-Azadiene Intermediates. <i>Tetrahedron</i> , 2000 , 56, 8179-8187	2.4	7
55	Amide rhodium and iridium complexes derived from Z-N-phenyl,amino)-4-methylstyryldiphenylphospha-1 B-azene. <i>Polyhedron</i> , 1987 , 6, 1999-2002	2.7	7
54	Cycloaddition Reactions of 1-Azadienes Derived from Hydrazones with Electron-deficient Dienophiles. <i>Heterocycles</i> , 2006 , 67, 815	0.8	7
53	Regioselective synthesis of dihydropyridines and pyridines derived from aminoacids from N-vinyl phosphazenes. <i>Arkivoc</i> , 2007 , 2007, 397-407	0.9	7
52	A patent review of topoisomerase I inhibitors (2016-present). <i>Expert Opinion on Therapeutic Patents</i> , 2021 , 31, 473-508	6.8	7
51	Natural deep eutectic solvents in the hetero-DielsAlder approach to bis(indolyl)methanes. <i>Monatshefte F Chemie</i> , 2019 , 150, 1275-1288	1.4	6
50	Fluoroalkylated Unsaturated imines as synthons for the preparation of fluorinated triazinane-2,4-diones and dihydropyrimidin-2(1H)-ones. <i>Journal of Organic Chemistry</i> , 2014 , 79, 5173-81	4.2	6
49	Molecular structures of tris(dimethylamido)-pentamethy-1-cyclopentadienyl-titanium and -zirconium, (EC 5 Me 5)M(NMe 2) 3 , M=Ti or Zr, by gas electron diffraction; DFT calculations on the model compound (EC 5 H 5)Ti(NMe 2) 3. <i>Journal of Molecular Structure</i> , 2001 , 567-568, 295-301	3.4	6
48	Novel phosphine sulphide gold(i) complexes: topoisomerase I inhibitors and antiproliferative agents. <i>Dalton Transactions</i> , 2020 , 49, 7852-7861	4.3	5
47	Synthesis of Functionalized N-Vinyl Nitrogen-Containing Heterocycles. <i>Synthesis</i> , 2009 , 2009, 2403-2407	2.9	5
46	Selective 1,2- vs 1,4-Addition of N-Arylphosphazenes to Unsaturated Ketoesters. Synthesis of Quinolinecarboxylates. <i>Heterocycles</i> , 2006 , 70, 261	0.8	5

45	Microwave-assisted reactions of allenic esters: [3+2] annulations and allenolate-Claisen rearrangement. <i>Arkivoc</i> , 2010 , 2010, 70-81	0.9	5
44	α-Hydroxyiminophosphonate, -phosphinate and -phosphonium Derivatives. <i>Current Organic Synthesis</i> , 2010 , 7, 628-649	1.9	4
43	1,3-DIPOLAR CYCLOADDITION OF AZIDOALKYLPHOSPHONATES AND CARBOXYLATES TO MALEIMIDE AND NAPHTHOQUINONE. <i>Organic Preparations and Procedures International</i> , 1995 , 27, 625-635	1.1	4
42	Conformational analysis of stabilized phosphonium ylides by ¹ H nuclear magnetic resonance spectroscopy. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1988 , 903-907		4
41	Asymmetric Synthesis of Tetrasubstituted β -Aminophosphonic Acid Derivatives. <i>Molecules</i> , 2021 , 26,	4.8	4
40	A Multicomponent Protocol for the Synthesis of Highly Functionalized β -Lactam Derivatives and Their Applications as Antiproliferative Agents. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	4
39	Enantioselective synthesis of functionalized β -aminophosphonic acid derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019 , 194, 287-291	1	3
38	Phosphorated 1,2-Oxazabuta-1,3-dienes as Synthetic Tools for the Preparation of β -Amino Phosphorus Derivatives and Functionalized Nitrogen-Containing Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 735-741	1	3
37	Reactions of Ketimines and Ethyl Phenylpropiolate. Synthesis of 4-Oxodihydropyridines. <i>Synthetic Communications</i> , 1983 , 13, 411-417	1.7	3
36	Reaction of schiff bases with acryl esters. Synthesis of 2-oxo- and 4-oxotetrahydropyridines. <i>Journal of Heterocyclic Chemistry</i> , 1984 , 21, 539-543	1.9	3
35	Reaction of Phenylhydrazones with Methyl Acrylate. Synthesis of 1-Phenylamino-2-oxo-1,2,3,4-tetrahydropyridine. <i>Synthesis</i> , 1974 , 1974, 717-717	2.9	3
34	Synthesis of Substituted Pyrroles from N-Vinylc Phosphazenes Derived from β -Amino Acids and β -Bromo Ketones. <i>Heterocycles</i> , 2002 , 58, 89	0.8	3
33	Cycloaddition Reactions of Neutral 2-Azadienes with Acetylenic Esters. <i>Heterocycles</i> , 2004 , 64, 229	0.8	3
32	Phosphorus substituted hydroxylamine and hydroxamic acid derivatives: synthesis and reactivity. <i>Arkivoc</i> , 2011 , 2011, 221-253	0.9	3
31	Synthesis of β -Aminophosphonic Acid Derivatives Through the Addition of - and -Nucleophiles to 2-Azirines and Their Antiproliferative Effect on A549 Human Lung Adenocarcinoma Cells. <i>Molecules</i> , 2020 , 25,	4.8	3
30	Fused chromeno and quinolino[1,8]naphthyridines: Synthesis and biological evaluation as topoisomerase I inhibitors and antiproliferative agents. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 40, 116177	3.4	3
29	Stereo- and Regioselective [3+3] Annulation Reaction Catalyzed by Ytterbium: Synthesis of Bicyclic 1,4-Dihydropyridines. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 4761	5.6	3
28	β-Hydroxyimino Phosphorus Derivatives. An Efficient Tool in Organic Synthesis. <i>Current Organic Chemistry</i> , 2011 , 15, 1644-1660	1.7	2

27	Synthesis of pentasubstituted pyridines. IIR study of the addition products of 1-(N,N-diethylamine)prop-1-yne to methyl 2-isothiocyanato-3-phenylpropenoate. <i>Magnetic Resonance in Chemistry</i> , 1994 , 32, 646-651	2.1	2
26	An efficient synthesis of functionalized β -amino-phosphine oxides and -phosphonates by addition of aminoalcohols to 4-phosphorylated-1,2-diaza-1,3-butadienes. <i>Arkivoc</i> , 2005 , 2005, 153-161	0.9	2
25	Ugi Reaction on β -Phosphorated Ketimines for the Synthesis of Tetrasubstituted β -Aminophosphonates and Their Applications as Antiproliferative Agents. <i>Molecules</i> , 2021 , 26,	4.8	2
24	The design and discovery of topoisomerase I inhibitors as anticancer therapies.. <i>Expert Opinion on Drug Discovery</i> , 2022 , 1-21	6.2	2
23	5-(Trimethylsilyl)-1,3-cyclopentadiene 2014 , 1-8		1
22	Seasonal Terpene Variation in Needles of <i>Pinus radiata</i> (Pinales: Pinaceae) Trees Attacked by <i>Tomicus piniperda</i> (Coleoptera: Scolytinae) and the Effect of Limonene on Beetle Aggregation. <i>Journal of Insect Science</i> , 2017 , 17,	2	1
21	Phosphorus Derivatives of Hydroxylamines, Oximes and Hydroxamic Acids 2010 ,		1
20	Synthesis and Reactivity of an 1,3-Oxazin-6-one Derived from β -Aminophosphonate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 729-734	1	1
19	Synthesis of amino substituted 4-oxo-1,2,3,4-tetrahydropyridines from arylhydrazones and methyl acrylate. <i>Journal of Heterocyclic Chemistry</i> , 1986 , 23, 447-448	1.9	1
18	Synthetic Strategies, Reactivity and Applications of 1,5-Naphthyridines. <i>Molecules</i> , 2020 , 25,	4.8	1
17	Design, synthesis and cytotoxic evaluation of diphenyl(quinolin-8-yl)phosphine oxides. <i>Tetrahedron Letters</i> , 2021 , 70, 153019	2	1
16	A Dual-Sensor-Based Screening System for In Vitro Selection of TDP1 Inhibitors. <i>Sensors</i> , 2021 , 21,	3.8	1
15	Hybrid Quinolinylnyl Phosphonates as Heterocyclic Carboxylate Isosteres: Synthesis and Biological Evaluation against Topoisomerase 1B (TOP1B). <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
14	Simple and Fast DNA Based Sensor System for Screening of Small-Molecule Compounds Targeting Eukaryotic Topoisomerase 1. <i>Pharmaceutics</i> , 2021 , 13,	6.4	1
13	Multicomponent Synthesis of Unsaturated β -Lactam Derivatives. Applications as Antiproliferative Agents through the Bioisosterism Approach: Carbonyl vs. Phosphoryl Group. <i>Pharmaceutics</i> , 2022 , 15, 511	5.2	1
12	Aza-Wittig Reaction in Natural Product Syntheses 437-467		0
11	Synthesis of Hybrid Phosphorated Indenoquinolines and Biological Evaluation as Topoisomerase I Inhibitors and Antiproliferative agents.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 128517	2.9	0
10	Synthesis of Quinolinealkylphosphine Oxides and -phosphonates from N-Arylimines Derived from Phosphine Oxides and Phosphonates. <i>Heterocycles</i> , 2003 , 59, 257	0.8	0

- 9 Exploring the Synthetic Potential of β -Lactam Derivatives \times Obtained from a Multicomponent Reaction. Applications as Antiproliferative Agents. *Molecules*, **2022**, 27, 3624 4.8 0
- 8 Synthesis of Heterocyclic Fused [1,5]naphthyridines by Intramolecular HDA Reactions. *Proceedings (mdpi)*, **2019**, 22, 93 0.3
- 7 Reaction of phosphinyl nitrosoalkenes with electron-rich heterocycles. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2019**, 194, 545-549 1
- 6 Free and supported phosphorus ylides: efficient, neutral non-nucleophilic Brønsted bases with a wide utility in organic synthesis. *Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry*, **2000**, 3, 261-265
- 5 Synthetic Applications of β -Functionalized Phosphorus Compounds. An Effective Strategy for the Preparation of Acyclic and Heterocyclic Compounds Derived from Amines and Hydrazones.. *Phosphorus, Sulfur and Silicon and the Related Elements*, **1996**, 109, 401-404 1
- 4 A Simple Synthesis of 3H- β -Phosphole Derivatives from Alkyldiphenylphosphine Imines and Dimethyl Acetylenedicarboxylate. *Phosphorous and Sulfur and the Related Elements*, **1987**, 30, 759-759
- 3 New Challenges in Drug Discovery - July 8-11, 2019, Vitoria-Gasteiz, Spain. *ChemMedChem*, **2020**, 15, 168-171 3.7
- 2 5-Ethoxy-1-(4-methoxyphenyl)-5-methyl-3-phenylimidazolidine-2,4-dione. *MolBank*, **2021**, 2021, M1218 0.5
- 1 Copper-catalyzed synthesis of aziridines **2021**, 1-48