

# Francisco Palacios

## List of Publications by Year in Descending Order

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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	The design and discovery of topoisomerase I inhibitors as anticancer therapies.. <i>Expert Opinion on Drug Discovery</i> , <b>2022</b> , 1-21	6.2	2
241	Multicomponent Synthesis of Unsaturated $\beta$ -Lactam Derivatives. Applications as Antiproliferative Agents through the Bioisosterism Approach: Carbonyl vs. Phosphoryl Group. <i>Pharmaceuticals</i> , <b>2022</b> , 15, 511	5.2	1
240	Exploring the Synthetic Potential of $\beta$ -Lactam Derivatives $\beta$ -O; Obtained from a Multicomponent Reaction. Applications as Antiproliferative Agents. <i>Molecules</i> , <b>2022</b> , 27, 3624	4.8	0
239	Synthesis of Hybrid Phosphorated Indenoquinolines and Biological Evaluation as Topoisomerase I Inhibitors and Antiproliferative agents.. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2021</b> , 128517	2.9	0
238	Ugi Reaction on $\beta$ -Phosphorated Ketimines for the Synthesis of Tetrasubstituted $\beta$ -Aminophosphonates and Their Applications as Antiproliferative Agents. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
237	A patent review of topoisomerase I inhibitors (2016-present). <i>Expert Opinion on Therapeutic Patents</i> , <b>2021</b> , 31, 473-508	6.8	7
236	Design, synthesis and cytotoxic evaluation of diphenyl(quinolin-8-yl)phosphine oxides. <i>Tetrahedron Letters</i> , <b>2021</b> , 70, 153019	2	1
235	Asymmetric Synthesis of Tetrasubstituted $\beta$ -Aminophosphonic Acid Derivatives. <i>Molecules</i> , <b>2021</b> , 26,	4.8	4
234	5-Ethoxy-1-(4-methoxyphenyl)-5-methyl-3-phenylimidazolidine-2,4-dione. <i>MolBank</i> , <b>2021</b> , 2021, M1218	0.5	
233	Fused chromeno and quinolino[1,8]naphthyridines: Synthesis and biological evaluation as topoisomerase I inhibitors and antiproliferative agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 40, 116177	3.4	3
232	A Dual-Sensor-Based Screening System for In Vitro Selection of TDP1 Inhibitors. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
231	Copper-catalyzed synthesis of aziridines <b>2021</b> , 1-48		
230	A Multicomponent Protocol for the Synthesis of Highly Functionalized $\beta$ -Lactam Derivatives and Their Applications as Antiproliferative Agents. <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	4
229	Stereo- and Regioselective [3+3] Annulation Reaction Catalyzed by Ytterbium: Synthesis of Bicyclic 1,4-Dihydropyridines. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 4761	5.6	3
228	Hybrid Quinolinylnyl Phosphonates as Heterocyclic Carboxylate Isosteres: Synthesis and Biological Evaluation against Topoisomerase 1B (TOP1B). <i>Pharmaceuticals</i> , <b>2021</b> , 14,	5.2	1
227	Simple and Fast DNA Based Sensor System for Screening of Small-Molecule Compounds Targeting Eukaryotic Topoisomerase 1. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	1
226	Novel phosphine sulphide gold(i) complexes: topoisomerase I inhibitors and antiproliferative agents. <i>Dalton Transactions</i> , <b>2020</b> , 49, 7852-7861	4.3	5

225	β-Aminophosphonates: Useful Intermediates for Enantioselective Synthesis of β-Aminophosphonates. <i>Asian Journal of Organic Chemistry</i> , <b>2020</b> , 9, 538-548	3	11
224	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. <i>European Journal of Medicinal Chemistry</i> , <b>2020</b> , 195, 112292	6.8	11
223	New Challenges in Drug Discovery - July 8-11, 2019, Vitoria-Gasteiz, Spain. <i>ChemMedChem</i> , <b>2020</b> , 15, 168-171	3.7	
222	Synthetic Strategies, Reactivity and Applications of 1,5-Naphthyridines. <i>Molecules</i> , <b>2020</b> , 25,	4.8	1
221	Fused 1,5-Naphthyridines: Synthetic Tools and Applications. <i>Molecules</i> , <b>2020</b> , 25,	4.8	8
220	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> , <b>2020</b> , 25,	4.8	3
219	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> , <b>2020</b> , 185, 111771	6.8	15
218	Brønsted Acid Catalyzed Multicomponent Synthesis of Phosphorus and Fluorine-Derived β-Lactam Derivatives. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 14369-14383	4.2	9
217	Synthesis of Heterocyclic Fused [1,5]naphthyridines by Intramolecular HDA Reactions. <i>Proceedings (mdpi)</i> , <b>2019</b> , 22, 93	0.3	
216	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> , <b>2019</b> , 178, 752-766	6.8	15
215	Natural deep eutectic solvents in the hetero-Diels-Alder approach to bis(indolyl)methanes. <i>Monatshefte für Chemie</i> , <b>2019</b> , 150, 1275-1288	1.4	6
214	Multicomponent reactions (MCRs): a useful access to the synthesis of benzo-fused β-lactams. <i>Beilstein Journal of Organic Chemistry</i> , <b>2019</b> , 15, 1065-1085	2.5	30
213	Enantioselective synthesis of functionalized β-Aminophosphonic acid derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 287-291	1	3
212	Reaction of phosphinyl nitrosoalkenes with electron-rich heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2019</b> , 194, 545-549	1	
211	A Brønsted Acid-Catalyzed Multicomponent Reaction for the Synthesis of Highly Functionalized β-Lactam Derivatives. <i>Molecules</i> , <b>2019</b> , 24,	4.8	13
210	Enantioselective Aza-Reformatsky Reaction with Ketimines. <i>Organic Letters</i> , <b>2019</b> , 21, 9473-9477	6.2	14
209	Enantioselective β-Aminophosphonate Functionalization of Indole Ring through an Organocatalyzed Friedel-Crafts Reaction. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 1094-1102	4.2	15
208	Antileishmanial activity of new hybrid tetrahydroquinoline and quinoline derivatives with phosphorus substituents. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 162, 18-31	6.8	26

207	Synthesis and biological evaluation of cyanoaziridine phosphine oxides and phosphonates with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2019</b> , 163, 736-746	6.8	13
206	Novel topoisomerase I inhibitors. Syntheses and biological evaluation of phosphorus substituted quinoline derivatives with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 149, 225-237	6.8	37
205	Substituted 1,5-naphthyridine derivatives as novel antileishmanial agents. Synthesis and biological evaluation. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 152, 137-147	6.8	13
204	Brønsted-Acid-Catalyzed Asymmetric Three-Component Reaction of Amines, Aldehydes, and Pyruvate Derivatives. Enantioselective Synthesis of Highly Functionalized $\beta$ -Lactam Derivatives. <i>Organic Letters</i> , <b>2018</b> , 20, 317-320	6.2	18
203	Multicomponent Reactions in the Synthesis of $\beta$ -Lactams. <i>Synthesis</i> , <b>2018</b> , 50, 4539-4554	2.9	14
202	Catalytic Asymmetric Darzens and Aza-Darzens Reactions for the Synthesis of Chiral Epoxides and Aziridines. <i>ChemCatChem</i> , <b>2018</b> , 10, 5092-5114	5.2	20
201	Synthesis of novel antiproliferative hybrid bis-(3-indolyl)methane phosphonate derivatives. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 158, 874-883	6.8	19
200	Recent advances of the Povarov reaction in medicinal chemistry. <i>Drug Discovery Today: Technologies</i> , <b>2018</b> , 29, 71-79	7.1	37
199	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> , <b>2017</b> , 82, 6379-6387	4.2	23
198	Reliable Synthesis of Phosphino- and Phosphine Sulfide-1,2,3,4-Tetrahydroquinolines and Phosphine Sulfide Quinolines. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 2916-2924	3.2	14
197	Advantages of an optical nanosensor system for the mechanistic analysis of a novel topoisomerase I targeting drug: a case study. <i>Nanoscale</i> , <b>2017</b> , 9, 1886-1895	7.7	11
196	Reaction of phosphinylated nitrosoalkenes with electron-rich heterocycles. Electrophilic aromatic substitution vs. cycloaddition. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 662-671	3.9	7
195	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> , <b>2017</b> , 17,	2	1
194	Antileishmanial effect of new indeno-1,5-naphthyridines, selective inhibitors of <i>Leishmania infantum</i> type IB DNA topoisomerase. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 124, 740-749	6.8	30
193	Reaction of 2H-Azirine-Phosphine Oxides and -Phosphonates with Enolates Derived from $\beta$ -Keto Esters. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 100-8	4.2	24
192	Synthesis and biological evaluation of indeno[1,5]naphthyridines as topoisomerase I (TopI) inhibitors with antiproliferative activity. <i>European Journal of Medicinal Chemistry</i> , <b>2016</b> , 115, 179-90	6.8	34
191	Asymmetric Synthesis of Functionalized Tetrasubstituted $\beta$ -Aminophosphonates through Enantioselective Aza-Henry Reaction of Phosphorylated Ketimines. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 156-64	4.2	32
190	Carbon trifluoromethylation reactions of hydrocarbon derivatives and heteroarenes. <i>Chemical Reviews</i> , <b>2015</b> , 115, 1847-935	68.1	725

- 189 Fluoroalkylated  $\beta$ -unsaturated imines as synthons for the preparation of fluorinated triazinane-2,4-diones and dihydropyrimidin-2(1H)-ones. *Journal of Organic Chemistry*, **2014**, 79, 5173-81 4.2 6
- 188 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
- 187 Nucleophilic trifluoromethylation of carbonyl compounds and derivatives. *Arkivoc*, **2014**, 2014, 362-405 0.9 23
- 186 5-(Trimethylsilyl)-1,3-cyclopentadiene **2014**, 1-8 1
- 185 Synthesis and biological evaluation of 1,5-naphthyridines as topoisomerase I inhibitors. A new family of antiproliferative agents. *Current Topics in Medicinal Chemistry*, **2014**, 14, 2722-8 3 11
- 184 Synthesis of fluorinated  $\beta$ -aminophosphonates and  $\beta$ -lactams. *Journal of Organic Chemistry*, **2013**, 78, 3858-66 4.2 26
- 183 The Neber approach to 2-(tetrazol-5-yl)-2H-azirines. *Journal of Organic Chemistry*, **2013**, 78, 6983-91 4.2 18
- 182 Synthesis of Tetrasubstituted  $\beta$ -Aminophosphonic Acid Derivatives from Trisubstituted  $\beta$ -Aminophosphonates. *European Journal of Organic Chemistry*, **2013**, 2013, 7095-7100 3.2 10
- 181 Regioselective Conjugate Addition of Nitriles to  $\beta$ -Unsaturated Imines: Synthesis of Fluorinated Primary Enamines and 2-Aminopyridine Derivatives. *European Journal of Organic Chemistry*, **2013**, 2013, 5614-5620 3.2 10
- 180 [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
- 179 Asymmetric Cyanation of  $\beta$ -Ketiminophosphonates Catalyzed by Cinchona Alkaloids: Enantioselective Synthesis of Tetrasubstituted  $\beta$ -Aminophosphonic Acid Derivatives from Trisubstituted  $\beta$ -Aminophosphonates. *Advanced Synthesis and Catalysis*, **2012**, 354, 2641-2647 5.6 41
- 178  $\beta$ -Ketiminophosphonates: Synthesis and Applications. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2011**, 186, 638-643 1 9
- 177 Selective synthesis of substituted pyrrole-2-phosphine oxides and -phosphonates from 2H-azirines and enolates from acetyl acetates and malonates. *Journal of Organic Chemistry*, **2011**, 76, 9472-7 4.2 34
- 176 Selective synthesis of  $\beta$ -fluoro- $\beta$ -keto- and  $\beta$ -fluoro- $\beta$ -aminophosphonates via electrophilic fluorination by selectfluor. *Journal of Organic Chemistry*, **2011**, 76, 1170-3 4.2 34
- 175  $\beta$ -Hydroxyimino Phosphorus Derivatives. An Efficient Tool in Organic Synthesis. *Current Organic Chemistry*, **2011**, 15, 1644-1660 1.7 2
- 174 Diels-Alder reactions of 3-(1H-tetrazol-5-yl)-nitrosoalkenes: synthesis of functionalized 5-(substituted)-1H-tetrazoles. *Tetrahedron*, **2011**, 67, 8902-8909 2.4 21
- 173 Glyoxalate-Derived Aldimines in Cycloaddition Reactions with Olefins. *European Journal of Organic Chemistry*, **2011**, 2011, 4318-4326 3.2 19
- 172 Hetero-Diels-Alder reaction of phosphinyl and phosphoryl nitroso alkenes with conjugated dienes: an aza-Cope rearrangement. *Journal of Organic Chemistry*, **2011**, 76, 6715-25 4.2 20

171	Efficient synthesis of fluorinated and amino nitriles from fluoroalkylated unsaturated imines. <i>Tetrahedron</i> , <b>2011</b> , 67, 1575-1579	2.4	21
170	A diastereoselective aza-Diels-Alder reaction of N-aryl-1-azadienes derived from amino acids with enamines. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4109-4111	2	18
169	Phosphorated 1,2-Oxazabuta-1,3-dienes as Synthetic Tools for the Preparation of Amino Phosphorus Derivatives and Functionalized Nitrogen-Containing Heterocycles. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 735-741	1	3
168	Synthesis and Reactivity of an 1,3-Oxazin-6-one Derived from Aminophosphonate. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2011</b> , 186, 729-734	1	1
167	Phosphorus substituted hydroxylamine and hydroxamic acid derivatives: synthesis and reactivity. <i>Arkivoc</i> , <b>2011</b> , 2011, 221-253	0.9	3
166	Phosphorus Derivatives of Hydroxylamines, Oximes and Hydroxamic Acids <b>2010</b> ,		1
165	&#945;-Hydroxyiminophosphonate, -phosphinate and -phosphonium Derivatives. <i>Current Organic Synthesis</i> , <b>2010</b> , 7, 628-649	1.9	4
164	Diastereoselective hydrophosphonylation of imines using (R,R)-TADDOL phosphite. Asymmetric synthesis of alpha-aminophosphonic acid derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 4255-4258	2.9	25
163	Stereoselective formation of tertiary and quaternary carbon centers via inverse conjugate addition of carbonucleophiles to allenic esters. <i>Tetrahedron</i> , <b>2010</b> , 66, 7720-7725	2.4	12
162	Lewis Acid Activated Aza-Diels-Alder Reaction of N-(3-Pyridyl)aldimines: An Experimental and Computational Study. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 2091-2099	3.2	44
161	Diastereoselective Aza-Baylis-Hillman Reactions: Synthesis of Chiral Allenylamines and 2-Azetines from Allenic Esters. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 3249-3256	3.2	20
160	Fluoroalkylated Unsaturated Imines: Efficient and Versatile Substrates for the Synthesis of Fluorinated Vinylogous Amino Esters and 3,4-Dihydropyridin-2-ones. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6618-6626	3.2	18
159	Microwave-assisted reactions of allenic esters: [3+2] annulations and allenolate-Claisen rearrangement. <i>Arkivoc</i> , <b>2010</b> , 2010, 70-81	0.9	5
158	Synthetic Applications of Intramolecular Aza-Wittig Reaction for the Preparation of Heterocyclic Compounds. <i>Current Organic Chemistry</i> , <b>2009</b> , 13, 810-828	1.7	56
157	Synthesis of Functionalized N-Vinyl Nitrogen-Containing Heterocycles. <i>Synthesis</i> , <b>2009</b> , 2009, 2403-2407	2.9	5
156	New chiral building blocks of peptoid analogs. <i>Tetrahedron</i> , <b>2009</b> , 65, 9116-9124	2.4	8
155	Regioselective synthesis of pyrrolin-3-ones and 2,3,4,5-tetrahydro[1,3]-oxazines from N-vinylc amidines. <i>Tetrahedron</i> , <b>2009</b> , 65, 1119-1124	2.4	14
154	Reactions of conjugate phosphinyl- and phosphonyl-nitroso alkenes with enamines. Preparation of N-hydroxypyrrole derivatives. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 3444-8	4.2	30

153	Conjugate addition of amines to an alpha,beta-unsaturated imine derived from alpha-aminophosphonate. Synthesis of gamma-amino-alpha-dehydroaminophosphonates. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 452-5	4.2	42
152	A convenient synthesis of substituted pyrazolidines and azaproline derivatives through highly regio- and diastereoselective reduction of 2-pyrazolines. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 550-7	4.2	43
151	Synthesis of fluoroalkylated beta-aminophosphonates and pyridines from primary beta-enaminophosphonates. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 4568-74	4.2	39
150	New approach to exclusive formation of both enantiomers of amino acid derivatives. <i>Tetrahedron</i> , <b>2008</b> , 64, 8141-8148	2.4	8
149	Reactions of 1,2-diaza-1,3-dienes with thiol derivatives: a versatile construction of nitrogen/sulfur containing heterocycles. <i>Tetrahedron</i> , <b>2008</b> , 64, 9264-9274	2.4	13
148	The aza-Wittig reaction: an efficient tool for the construction of carbon-nitrogen double bonds. <i>Tetrahedron</i> , <b>2007</b> , 63, 523-575	2.4	287
147	Regioselective synthesis of pyridines and dihydropyridines derived from amino acids and aminophosphonates by reaction of N-vinyl phosphazenes with unsaturated ketones. <i>Tetrahedron</i> , <b>2007</b> , 63, 5669-5676	2.4	13
146	Aza-Diels-Alder reaction of unsaturated sulfinylimines derived from amino acids with enolethers and enamines. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 6747-6750	2	17
145	Enantioselective Synthesis of Functionalized Dehydroamino Esters. <i>Synthesis</i> , <b>2007</b> , 2007, 3923-3925	2.9	11
144	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> , <b>2007</b> , 72, 5202-6	4.2	29
143	Synthesis of alpha-phosphorylated alpha,beta-unsaturated imines and their selective reduction to vinylogous and saturated alpha-aminophosphonates. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 2682-5	4.2	41
142	Regioselective synthesis of dihydropyridines and pyridines derived from aminoacids from N-vinyl phosphazenes. <i>Arkivoc</i> , <b>2007</b> , 2007, 397-407	0.9	7
141	An Efficient Synthesis of Achiral and Chiral Cyclic Dehydro-amino Acid Derivatives Through Nucleophilic Addition of Amines to Unsaturated Keto Esters. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 2843-2850	3.2	59
140	N-Vinyl Phosphazenes. A Useful Tool for the Synthesis of Acyclic and Heterocyclic Compounds. <i>Current Organic Chemistry</i> , <b>2006</b> , 10, 2371-2392	1.7	15
139	Efficient synthesis of 1-azadienes derived from alpha-aminoesters. Regioselective preparation of alpha-dehydroamino acids, vinylglycines, and alpha-amino acids. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 7690-6	4.2	43
138	Reaction of N-vinyl phosphazenes with alpha,beta-unsaturated aldehydes. Azatriene-mediated synthesis of dihydropyridines and pyridines derived from beta-amino acids. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6020-30	4.2	39
137	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> , <b>2006</b> , 71, 5897-905	4.2	98
136	Regioselective synthesis of fluoroalkylated beta-aminophosphorus derivatives and aziridines from phosphorylated oximes and nucleophilic reagents. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6141-8	4.2	55

135	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> , <b>2006</b> , 8, 5405-8	6.2	51
134	Selective 1,2- vs 1,4-Addition of N-Arylphosphazenes to $\alpha,\beta$ -Unsaturated $\beta$ -Ketoesters. Synthesis of Quinolinecarboxylates. <i>Heterocycles</i> , <b>2006</b> , 70, 261	0.8	5
133	Preparation and reactions of 3-phosphinyl-1-aza-1,3-butadienes. Synthesis of phosphorylated pyridine and pyrazole derivatives. <i>Tetrahedron</i> , <b>2006</b> , 62, 1095-1101	2.4	26
132	Regioselective cycloaddition of 3-azatrienes with enamines. Synthesis of pyridines derived from $\beta$ -aminoacids. <i>Tetrahedron</i> , <b>2006</b> , 62, 7661-7666	2.4	14
131	Synthesis and subsequent reactivity of 1-amino-2-aza-1,3-butadienes derived from $\beta$ -amino esters. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 7815-7818	2	15
130	Mechanism and stereoselectivity of the aza-Wittig reaction between phosphazenes and aldehydes. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2839-47	4.2	62
129	Cycloaddition Reactions of 1-Azadienes Derived from Hydrazones with Electron-deficient Dienophiles. <i>Heterocycles</i> , <b>2006</b> , 67, 815	0.8	7
128	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> , <b>2005</b> , 70, 8895-901	4.2	54
127	Asymmetric Synthesis of $\beta$ -Substituted- $\beta$ -Amino Phosphonates and Phosphinates and $\beta$ -Amino Sulfur Analogs <b>2005</b> , 277-318		7
126	Aza-Wittig reaction of fluoroalkylated N-vinyl phosphazenes with carbonyl compounds. Usefulness of 2-azadienes for the preparation of fluoroalkyl pyridine derivatives. <i>Tetrahedron</i> , <b>2005</b> , 61, 2779-2794	2.4	43
125	Synthesis of functionalized $\beta$ -amino-phosphine oxides and -phosphonates by addition of amines and aminoesters to 4-phosphinyl- and 4-phosphonyl-1,2-diaza-1,3-butadienes. <i>Tetrahedron</i> , <b>2005</b> , 61, 2815-2830	2.4	29
124	Synthesis of beta-aminophosphonates and -phosphinates. <i>Chemical Reviews</i> , <b>2005</b> , 105, 899-931	68.1	296
123	Cycloaddition Reactions of Phosphorylated 1,2-Diaza-1,3-butadienes with Olefins: Regioselective Synthesis of Pyridazine Derivatives. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 1142-1147	3.2	30
122	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> , <b>2005</b> , 2005, 1795-1804	3.2	36
121	Synthesis of novel 2,5-dihydro-1,5,2-diazaphosphinines from primary enamine phosphonates and from alkyl phosphonates. <i>Tetrahedron</i> , <b>2005</b> , 61, 1087-1094	2.4	12
120	Use of polymer-supported amines in catalytic nitroaldol reaction of nitroalkanes with aldehydes. <i>Arkivoc</i> , <b>2005</b> , 2005, 405-414	0.9	10
119	An efficient synthesis of functionalized $\beta$ -amino-phosphine oxides and -phosphonates by addition of aminoalcohols to 4-phosphorylated-1,2-diaza-1,3-butadienes. <i>Arkivoc</i> , <b>2005</b> , 2005, 153-161	0.9	2
118	Regioselective synthesis of fluoroalkyl pyridine derivatives from 3-fluoroalkyl substituted 2-aza-1,3-butadienes. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4031-4034	2	20



117	Addition of amine derivatives to phosphorylated 1,2-diaza-1,3-butadienes. Synthesis of $\alpha$ -aminophosphonates. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 4345-4348	2	20
116	Reactions of N-vinyl phosphazenes with azodicarboxylic and acetylenic esters. <i>Tetrahedron</i> , <b>2004</b> , 60, 2469-2474	2.4	13
115	Regioselective synthesis of 4- and 5-oxazole-phosphine oxides and -phosphonates from 2H-azirines and acyl chlorides. <i>Tetrahedron</i> , <b>2004</b> , 60, 8937-8947	2.4	32
114	Preparation of fluoroalkyl imines, amines, enamines, ketones, $\alpha$ -amino carbonyls, and $\alpha$ -amino acids from primary enamine phosphonates. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 8767-74 <sup>4.2</sup>		49
113	$\alpha$ -Phosphono- and Phosphinopeptides Derived from $\alpha$ -Amino-Phosphonic and Phosphinic Acids. <i>Current Organic Chemistry</i> , <b>2004</b> , 8, 1481-1496	1.7	49
112	Cycloaddition Reactions of Neutral 2-Azadienes with Acetylenic Esters. <i>Heterocycles</i> , <b>2004</b> , 64, 229	0.8	3
111	Synthesis of Amidines Derived from Phosphonates and Phosphane Oxides [Amidine-Mediated Preparation of Phosphorylated Oxazolines. <i>European Journal of Organic Chemistry</i> , <b>2003</b> , 2003, 913-919	3.2	19
110	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> , <b>2003</b> , 59, 2617-2623	2.4	56
109	Asymmetric synthesis of 2H-aziridine phosphonates, and $\alpha$ -aminophosphonates from enantiomerically enriched 2H-azirines. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 689-700		71
108	Reaction of acetylenic esters and N-functionalized phosphazenes. 1,2-versus 1,4-addition of N-vinyl phosphazenes. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 1112-8	3.9	13
107	Synthesis of Quinolinealkylphosphine Oxides and -phosphonates from N-Arylimines Derived from Phosphine Oxides and Phosphonates. <i>Heterocycles</i> , <b>2003</b> , 59, 257	0.8	0
106	[4+2] Cycloaddition Reactions of Neutral 2-Azadienes with Electron-deficient Dienophiles. <i>Heterocycles</i> , <b>2003</b> , 61, 493	0.8	9
105	Synthesis of Quinolinyolphosphane Oxides and -phosphonates from N-Arylimines Derived from Phosphane Oxides and Phosphonates. <i>European Journal of Organic Chemistry</i> , <b>2002</b> , 2002, 4131-4136	3.2	29
104	Synthesis of optically active oxazoles from phosphorylated 2H-azirines and N-protected amino acids or peptides. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 2541-2552		26
103	A simple route to novel 2,5-dihydro-1,5,2-diazaphosphinines from primary enamine phosphonates. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 5917-5919	2	14
102	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> , <b>2002</b> , 67, 1941-6	4.2	79
101	Fluoroalkyl $\alpha,\beta$ -unsaturated imines. Valuable synthetic intermediates from primary fluorinated enamine phosphonates. <i>Organic Letters</i> , <b>2002</b> , 4, 769-72	6.2	39
100	Synthesis of pyrazine-phosphonates and -phosphine oxides from 2H-azirines or oximes. <i>Organic Letters</i> , <b>2002</b> , 4, 2405-8	6.2	72

99	PREPARATION, PROPERTIES AND SYNTHETIC APPLICATIONS OF 2H-AZIRINES A REVIEW. <i>Organic Preparations and Procedures International</i> , <b>2002</b> , 34, 219-269	1.1	91
98	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> , <b>2002</b> , 67, 7283-8	4.2	61
97	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> , <b>2002</b> , 67, 2131-5	4.2	53
96	Synthesis of Substituted Pyrroles from N-Vinyl Phosphazenes Derived from $\beta$ -Amino Acids and $\beta$ -Bromo Ketones. <i>Heterocycles</i> , <b>2002</b> , 58, 89	0.8	3
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94	Molecular structures of tris(dimethylamido)-pentamethyl-1-cyclopentadienyl-titanium and -zirconium, $(\text{C}_5\text{Me}_5)\text{M}(\text{NMe}_2)_3$ , M=Ti or Zr, by gas electron diffraction; DFT calculations on the model compound $(\text{C}_5\text{H}_5)\text{Ti}(\text{NMe}_2)_3$ . <i>Journal of Molecular Structure</i> , <b>2001</b> , 567-568, 295-301	3.4	6
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91	Regioselective Alkylation Reactions of Enamines Derived from Phosphane Oxides $\beta$ -Synthesis of Phosphorus Substituted Enamino Esters, $\beta$ -Amino-phosphonates, Pyridone Derivatives and Pyrroles. <i>European Journal of Organic Chemistry</i> , <b>2001</b> , 2001, 3357	3.2	16
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89	Synthesis of N-Functionalized Carbodiimides, Hydantoins, 1,3-Diazetidines, and Imidazolidine Derivatives from N-Vinyl Phosphazenes Derived from $\beta$ -Amino Acids. <i>Heterocycles</i> , <b>2001</b> , 55, 1641	0.8	11
88	Reactivity of Conjugated Phosphazenes Derived from Dehydroaspartic Esters with Acyl Halides. Synthesis of 5(4H)-Oxazolone. <i>Heterocycles</i> , <b>2000</b> , 52, 1057	0.8	10
87	Synthesis and Reactivity of Imines Derived from Bisphosphonates and 3-Phosphorylated 2-Aza-1,3-dienes. <i>Tetrahedron</i> , <b>2000</b> , 56, 6319-6330	2.4	37
86	Stereoselective Syntheses of Allylic Amines Through Reduction of 1-Azadiene Intermediates. <i>Tetrahedron</i> , <b>2000</b> , 56, 8179-8187	2.4	7
85	Easy and Efficient Generation of Reactive Anions with Free and Supported Ylides as Neutral Brønsted Bases. <i>Tetrahedron</i> , <b>2000</b> , 56, 663-669	2.4	13
84	Easy and efficient synthesis of enantiomerically enriched 2H-azirines derived from phosphonates. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 5363-5366	2	48
83	Free and supported phosphorus ylides: efficient, neutral non-nucleophilic Brønsted bases with a wide utility in organic synthesis. <i>Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry</i> , <b>2000</b> , 3, 261-265		
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81	Synthesis of 3-phosphorylated 2-aza-1,3-dienes from imines derived from bisphosphonates. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 2411-2414	2	26
80	A new and efficient strategy for the preparation of 1,5,2-diazaphosphorines from primary $\beta$ -enaminophosphonates. <i>Tetrahedron</i> , <b>1999</b> , 55, 3091-3104	2.4	17
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78	An efficient strategy for the regioselective synthesis of 3-phosphorylated-1-aminopyrroles from $\beta$ -hydrazono phosphine oxides and phosphonates. <i>Tetrahedron</i> , <b>1999</b> , 55, 13767-13778	2.4	34
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76	A simple synthesis of 3-phosphonyl-4-aminoquinolines from $\beta$ -enaminophosphonates. <i>Tetrahedron</i> , <b>1999</b> , 55, 5947-5964	2.4	54
75	Free and Supported Phosphorus Ylides as Strong Neutral Brønsted Bases. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 3741-3744	4.2	19
74	Reaction of N-Vinyl Phosphazenes Derived from $\beta$ -Amino Acids with Aldehydes. Azadiene-Mediated Synthesis of Dihydropyridines, Pyridines, and Polycyclic Nitrogen Derivatives. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 6239-6246	4.2	51
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9	Reactions of Ketimines and Ethyl Phenylpropiolate. Synthesis of 4-Oxodihydropyridines. <i>Synthetic Communications</i> , <b>1983</b> , 13, 411-417	1.7	3
8	Reaction of schiff bases with acrylamides. Synthesis of 2-oxotetrahydropyridines. <i>Journal of Heterocyclic Chemistry</i> , <b>1983</b> , 20, 65-67	1.9	11
7	1,3-Dipolare Cycloadditionen, 86. Aromatische Azoxyverbindungen und gespannte Cycloalkene. <i>Chemische Berichte</i> , <b>1982</b> , 115, 2242-2255		11
6	1,3-dipolar cycloadditions of aromatic azoxy compounds to strained cyclo-alkenes. <i>Tetrahedron Letters</i> , <b>1982</b> , 23, 55-58	2	12
5	Synthesis of 2-Oxo-2,5-dihydropyrroles; A Structural Reassignment. <i>Synthesis</i> , <b>1981</b> , 1981, 200-201	2.9	18
4	Reaction of Schiff Bases with Diazenedicarboxylic Esters: Synthesis of 2-Oxo-2,3-dihydroimidazoles. <i>Synthesis</i> , <b>1981</b> , 1981, 563-565	2.9	11
3	The Reaction of Arylhydrazones with Acetylenedicarboxylic Acid Esters. <i>Synthesis</i> , <b>1975</b> , 1975, 642-643	2.9	10
2	Reaction of Phenylhydrazones with Methyl Acrylate. Synthesis of 1-Phenylamino-2-oxo-1,2,3,4-tetrahydropyridine. <i>Synthesis</i> , <b>1974</b> , 1974, 717-717	2.9	3
1	Aza-Wittig Reaction in Natural Product Syntheses		0