

Mateo Alajarin

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.

231
papers

4,380
citations

35
h-index

46
g-index

350
ext. papers

4,938
ext. citations

4.2
avg, IF

5.31
L-index

#	Paper	IF	Citations
231	Unraveling the computed non-least motion pathway for the homodimerization of superchameleonic isocyanides: the peculiar nonsymmetrical (F-NC) reactant complex. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 16973-16980	3.6	0
230	Mechanical bonding activation in rotaxane-based organocatalysts. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 4202-4210	5.2	1
229	Mechanically Interlocked Profragrances for the Controlled Release of Scents. <i>Journal of Organic Chemistry</i> , 2021 , 86, 15045-15054	4.2	4
228	Unmasking the elusive 1,4-diazabutatrienes: the stabilizing role of the -substituents. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 6091-6097	3.6	1
227	The Elusive 1,4-Diazabutatrienes: Lurking in the Shadows. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 5496-5500	3.2	5
226	Mechanically Interlocked Catalysts for Asymmetric Synthesis. <i>ACS Catalysis</i> , 2020 , 10, 7719-7733	13.1	26
225	Enhancing the selectivity of prolinamide organocatalysts using the mechanical bond in [2]rotaxanes. <i>Chemical Science</i> , 2020 , 11, 3629-3635	9.4	15
224	Copper-Linked Rotaxanes for the Building of Photoresponsive Metal Organic Frameworks with Controlled Cargo Delivery. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13442-13449	16.4	17
223	Lewis Acid-Mediated Formation of 1,3-Disubstituted Spiro[cyclopropane-1,2Pindanes]: The Activating Effect of the Cyclopropane Walsh Orbital. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4565-4573	4.2	
222	In Search of 1,4-Diazabutatrienes, the Elusive Isocyanide Homodimers: The Superchameleonic F-NC. <i>Journal of Organic Chemistry</i> , 2020 , 85, 11975-11979	4.2	2
221	Unlocking the synthetic potential of aziridine and cyclopropane-fused quinolin-2-ones by regioselective fragmentation of its three-membered rings. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 2702-2714	5.9	3
220	Cyclization of interlocked fumaramides into lactams: experimental and computational mechanistic assessment of the key intercomponent proton transfer and the stereocontrolling active pocket. <i>Chemical Science</i> , 2020 , 12, 747-756	9.4	3
219	Interlocking the Catalyst: Thread versus Rotaxane-Mediated Enantiodivergent Michael Addition of Ketones to Nitrostyrene. <i>Organic Letters</i> , 2019 , 21, 5192-5196	6.2	23
218	Chemodivergent Conversion of Ketenimines Bearing Cyclic Dithioacetalic Units into Isoquinoline-1-thiones or Quinolin-4-ones as a Function of the Acetalic Ring Size. <i>Journal of Organic Chemistry</i> , 2019 , 84, 8140-8150	4.2	6
217	Homo and heteroassembly of amide-based [2]rotaxanes using dimethyl-p-xylylenediamines. <i>Chemical Communications</i> , 2019 , 55, 6787-6790	5.8	4
216	Thermally and Photochemically Induced Dethreading of Fumaramide-Based Kinetically Stable Pseudo[2]rotaxanes. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3480-3488	3.2	15
215	Synthesis of an Adamantane-Based Tetralactam and Its Association with Dicarboxamides. <i>Proceedings (mdpi)</i> , 2019 , 41, 65	0.3	2

214	Stereocontrol in the Synthesis of β -Lactams Arising from the Interlocked Structure of Benzylfumaramide-Based Hydrogen-Bonded [2]Rotaxanes. <i>Synlett</i> , 2019 , 30, 893-902	2.2	10
213	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked N-(β -Methyl)benzyl Fumaramides. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6563-6567	16.4	24
212	Enantioselective Formation of 2-Azetidinones by Ring-Assisted Cyclization of Interlocked N-(β -Methyl)benzyl Fumaramides. <i>Angewandte Chemie</i> , 2018 , 130, 6673-6677	3.6	15
211	Accessing polysubstituted oxazolidines, pyrrolidines and imidazolidines by regioselective [3 + 2] annulations of ketenimines with donor-acceptor oxiranes and aziridines. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 2020-2029	5.2	22
210	Intramolecular Pauson-Khand Reaction of Alkyne-Ketenimines and Related [4+2] and [2+2] Cycloadditions. <i>Letters in Organic Chemistry</i> , 2018 , 15, 418-424	0.6	
209	Exploring the Conversion of Macrocyclic 2,2-PBiaryl Bis(thioureas) into Cyclic Monothioureas: An Experimental and Computational Investigation. <i>Journal of Organic Chemistry</i> , 2018 , 83, 14022-14035	4.2	2
208	Photoswitchable interlocked thiodiglycolamide as a cocatalyst of a chalcogeno-Baylis-Hillman reaction. <i>Chemical Science</i> , 2017 , 8, 3775-3780	9.4	50
207	Remote Photoregulated Ring Gliding in a [2]Rotaxane via a Molecular Effector. <i>Organic Letters</i> , 2017 , 19, 154-157	6.2	20
206	Competition between the donor and acceptor hydrogen bonds of the threads in the formation of [2]rotaxanes by clipping reaction. <i>New Journal of Chemistry</i> , 2017 , 41, 13303-13318	3.6	8
205	Density Functional Theory and Quantum Theory of Atoms in Molecules Analysis: Influence of Intramolecular Interactions on Pirouetting Movement in Tetraalkylsuccinamide[2]rotaxanes. <i>Crystal Growth and Design</i> , 2017 , 17, 5845-5857	3.5	15
204	Effects on Rotational Dynamics of Azo and Hydrazodicarboxamide-Based Rotaxanes. <i>Molecules</i> , 2017 , 22,	4.8	4
203	Tandem processes promoted by a hydrogen shift in 6-arylfulvenes bearing acetalic units at ortho position: a combined experimental and computational study. <i>Beilstein Journal of Organic Chemistry</i> , 2016 , 12, 260-70	2.5	2
202	Stereocontrolled Synthesis of β -Lactams within [2]Rotaxanes: Showcasing the Chemical Consequences of the Mechanical Bond. <i>Journal of the American Chemical Society</i> , 2016 , 138, 8726-9	16.4	58
201	Co-conformational Exchange Triggered by Molecular Recognition in a Di(acylamino)pyridine-Based Molecular Shuttle Containing Two Pyridine Rings at the Macrocycle. <i>ChemPhysChem</i> , 2016 , 17, 1920-6	3.2	13
200	Lewis acid catalyzed [3 + 2] annulation of ketenimines with donor-acceptor cyclopropanes: an approach to 2-alkylidenepyrrolidine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2016 , 14, 10275-10284	3.9	12
199	Acid-promoted cycloisomerizations of phenylallenes bearing acetalic functions at the ortho position: a stereocontrolled entry to indeno-fused dioxepanes, dioxocanes and thioanalogues. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 8420-4	3.9	7
198	Dethreading of Tetraalkylsuccinamide-Based [2]Rotaxanes for Preparing Benzylic Amide Macrocycles. <i>Journal of Organic Chemistry</i> , 2015 , 80, 10049-59	4.2	28
197	Versatile control of the submolecular motion of di(acylamino)pyridine-based [2]rotaxanes. <i>Chemical Science</i> , 2015 , 6, 3087-3094	9.4	29

196	Light-responsive peptide [2]rotaxanes as gatekeepers of mechanised nanocontainers. <i>Chemical Communications</i> , 2015 , 51, 14501-4	5.8	29
195	Insertion Reactions of Benzyne into P=N and P=S Double Bonds. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1084-1095	3.2	18
194	Competitive binding for triggering a fluorescence response in a hydrazodicarboxamide-based [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 474-8	3.9	26
193	The network simulation method: a useful tool for locating the kinetic-thermodynamic switching point in complex kinetic schemes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 25409-20	3.6	9
192	Tandem Processes in C-Aryl Ketenes and Ketenimines Triggered by [1,5]-Hydride-Like Migration of an Acetalic Hydrogen Atom. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 878-886	3.2	22
191	Small-molecule recognition for controlling molecular motion in hydrogen-bond-assembled rotaxanes. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6762-7	16.4	35
190	Small-Molecule Recognition for Controlling Molecular Motion in Hydrogen-Bond-Assembled Rotaxanes. <i>Angewandte Chemie</i> , 2014 , 126, 6880-6885	3.6	11
189	4-Alkenyl-2-aminothiazoles: Smart Dienes for Polar [4 + 2] Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 474-489	3.2	3
188	Thermal cyclization of phenylallenes that contain ortho-1,3-dioxolan-2-yl groups: new cascade reactions initiated by 1,5-hydride shifts of acetalic H atoms. <i>Chemistry - A European Journal</i> , 2013 , 19, 16093-103	4.8	36
187	5-Alkenylthiazoles as In-Out Dienes in Polar [4+2] Cycloaddition Reactions. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 7500-7511	3.2	2
186	Tandem [1,5]-H shift/6Eelectrocyclizations of ketenimines bearing 1,3-oxathiane units. Computational assessment of the experimental diastereoselection. <i>Tetrahedron</i> , 2012 , 68, 4672-4681	2.4	24
185	Novel capsular aggregates from flexible tripodal triureas with C(s) symmetry. <i>Chemistry - A European Journal</i> , 2012 , 18, 2389-97	4.8	1
184	1,5-(H, RO, RS) shift/6Eelectrocyclic ring closure tandem processes on N-[(heterosubstituted)-2-tolyl]ketenimines: a case study of relative migratory aptitudes and activating effects. <i>Organic and Biomolecular Chemistry</i> , 2012 , 10, 9523-37	3.9	17
183	Redox divergent conversion of a [2]rotaxane into two distinct degenerate partners with different shuttling dynamics. <i>Chemical Science</i> , 2012 , 3, 2314	9.4	39
182	Palladium complexes derived from N,N-bidentate NH-iminophosphorane ligands: synthesis and use as catalysts in the Sonogashira reaction. <i>Dalton Transactions</i> , 2012 , 41, 12259-69	4.3	8
181	Dampened circumrotation by CH \cdots interactions in hydrogen bonded [2]rotaxanes. <i>Chemical Communications</i> , 2012 , 48, 5677-9	5.8	25
180	Recent Highlights in Ketenimine Chemistry. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 5637-5653	3.2	79
179	Unprecedented intramolecular [3 + 2] cycloadditions of azido-ketenimines and azido-carbodiimides. Synthesis of indolo[1,2-a]quinazolines and tetrazolo[5,1-b]quinazolines. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 6741-9	3.9	20

178	Self-assembly of tris(2-ureidobenzyl)amines with C ₁ symmetry. <i>Structural Chemistry</i> , 2011 , 22, 977-981	1.8	1
177	Determination of the absolute configuration of the enantiomers of dihydroquinolines, isolated by chiral chromatography, by non empirical analysis of circular dichroism spectra and X-ray analysis. <i>Tetrahedron: Asymmetry</i> , 2011 , 22, 270-276		1
176	Functionalization of Acetalic C(sp ³)-H Bonds by Scandium(III) Triflate-Catalyzed Intramolecular Redox Reactions: Tandem 1,4-Hydride Transfer/1,5-Cyclization Processes Leading to Protected 1-Indanones. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 557-562	5.6	42
175	Tandem 1,5-Hydride Shift/6 π Electrocyclization of Ketenimines and Carbodiimides Substituted with Cyclic Acetal and Dithioacetal Functions: Experiments and Computations. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 1896-1913	3.2	44
174	Insertion of benzynes into the P=N Bond of P-alkenyl(alkynyl)-B-phosphazenes. <i>Organic Letters</i> , 2011 , 13, 5668-71	6.2	33
173	retro-Cheletropic ene reactions with 2-carbena-1,3-dioxolane as chelefuge. <i>Tetrahedron</i> , 2011 , 67, 5590-5595		17
172	Azodicarboxamides as template binding motifs for the building of hydrogen-bonded molecular shuttles. <i>Journal of the American Chemical Society</i> , 2010 , 132, 10741-7	16.4	86
171	Domino reactions initiated by intramolecular hydride transfers from tri(di)arylmethane fragments to ketenimine and carbodiimide functions. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 4690-700	3.9	45
170	Tandem 1,5-hydride shift/1,5-S,N-cyclization with ethylene extrusion of 1,3-oxathiolane-substituted ketenimines and carbodiimides. An experimental and computational study. <i>Journal of Organic Chemistry</i> , 2010 , 75, 3737-50	4.2	41
169	Self-assembly of tris(ureidobenzyl)amines: flexible bricks for robust architectures. <i>Chemical Communications</i> , 2010 , 46, 1394-403	5.8	36
168	N-Phenyl-1,2,4-triazoline-3,5-dione (PTAD) as a Dienophilic Dinitrogen Equivalent: A Simple Synthesis of 3-Amino-1,2,4-benzotriazines from Arylcarbodiimides. <i>European Journal of Organic Chemistry</i> , 2010 , 2010, 694-704	3.2	11
167	Synthesis and molecular structure of beta-phosphinoyl carboxamides: an unexpected case of chiral discrimination of hydrogen-bonded dimers in the solid state. <i>Chemistry - A European Journal</i> , 2010 , 16, 3728-35	4.8	13
166	Ketenimine for Nitrile Rearrangements in N-Arylmethyl Ketenimines: [1,n] Migrations of Bulky Arylmethyl Groups. <i>Letters in Organic Chemistry</i> , 2010 , 7, 528-532	0.6	3
165	Benzylic Newman-Kwart rearrangement of O-azidobenzyl thiocarbamates triggered by phosphines: pseudopericyclic [1,3] shifts via uncoupled concerted mechanisms. <i>Tetrahedron</i> , 2009 , 65, 2579-2590	2.4	16
164	[4 + 2] Cycloaddition reaction of C-aryl ketenimines with PTAD as a synthetic equivalent of dinitrogen. Synthesis of triazolocinnolines and cinnolines. <i>Journal of Organic Chemistry</i> , 2009 , 74, 3558-64	4.2	35
163	Unexpected formation of 2,1-benzisothiazol-3-ones from oxathiolano ketenimines: a rare tandem process. <i>Organic Letters</i> , 2009 , 11, 1365-8	6.2	31
162	Bis(heterocumulenes) derived from the 1,4-diphenyl-1,3-butadiyne framework. Synthesis of three new classes of axially chiral biheteroaryls. <i>Journal of Organic Chemistry</i> , 2008 , 73, 291-4	4.2	12
161	Highly diastereoselective self-assembly of chiral tris(m-ureidobenzyl)amino capsules. <i>Chemical Communications</i> , 2008 , 3992-4	5.8	19

160	Component exchange as a synthetically advantageous strategy for the preparation of bicyclic cage compounds. <i>Chemical Communications</i> , 2008 , 2337-9	5.8	8
159	Polar hetero-Diels-Alder reactions of 4-alkenylthiazoles with 1,2,4-triazoline-3,5-diones: an experimental and computational study. <i>Journal of Organic Chemistry</i> , 2008 , 73, 963-73	4.2	21
158	Regiodivergent Approach to β - and γ -(Arylthio)alkenylphosphane Oxides and Sulfides: Aminophosphanes as Synthetic Auxiliaries. <i>Synlett</i> , 2008 , 2008, 3172-3176	2.2	6
157	Intramolecular ketenimine-ketenimine [2 + 2] and [4 + 2] cycloadditions. <i>Journal of Organic Chemistry</i> , 2007 , 72, 5863-6	4.2	24
156	Helical chirality transmission through a p-phenylene fragment in a hexa-lambda ⁵ -phosphazene. <i>Organic Letters</i> , 2007 , 9, 4631-4	6.2	7
155	Diels-Alder reactions of 4-alkenylthiazoles: a new approach to thiazole functionalization. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2097-105	4.2	11
154	Structure, stability and guest affinity of tris(3-ureidobenzyl)amine capsules in solution. <i>Chemistry - A European Journal</i> , 2007 , 13, 1559-69	4.8	15
153	Macrocyclic triphosphazides and tri- β -phosphazenes derived from PhC(CH ₂ PPh ₂) ₃ . Two propeller-shaped diastereoisomers in the crystals. <i>Tetrahedron</i> , 2007 , 63, 2078-2083	2.4	9
152	Modulating the propeller-like shape of a tripodal C(CH ₂ PPh ₂) ₃ fragment by the size of the substituent at the pivotal carbon atom in macrocyclic tri- β -phosphazenes. <i>Tetrahedron</i> , 2007 , 63, 4450-4458	2.4	7
151	Center-to-propeller and propeller-to-propeller stereocontrol in a series of macrocyclic tri- β -phosphazenes. <i>Tetrahedron Letters</i> , 2007 , 48, 3583-3586	2	3
150	A new modular and flexible approach to [1,2,3]triazolo[1,5-a][1,4]benzodiazepines. <i>Tetrahedron Letters</i> , 2007 , 48, 3495-3499	2	39
149	Regio- and stereoselective nucleophilic additions of amines, thiols and aminophosphanes to the CC bond of P,P-diphenyl-P-(2-phenylethynyl)- β -phosphazenes. <i>Tetrahedron Letters</i> , 2007 , 48, 6987-6991	2	10
148	Nitrate-selective electrode based on a cyclic bis-thiourea ionophore. <i>Sensors and Actuators B: Chemical</i> , 2007 , 121, 200-207	8.5	27
147	Synthesis of 6H-Thieno[3,2-b]pyridin-7-ones from N-(2-X-Carbonyl)-3-thienyl Ketenimines (X = RS, ArO, R ₂ N) via Consecutive [1,5]-X Sigmatropic Rearrangement and 6 π Electrocyclization. <i>Synthesis</i> , 2007 , 2007, 590-596	2.9	6
146	Pulsed gradient spin echo (PGSE) diffusion measurements as a tool for the elucidation of a new type of hydrogen-bonded bicapsular aggregate. <i>Chemistry - A European Journal</i> , 2006 , 12, 877-86	4.8	20
145	New Cyclization Mode of [N-(Diarylmethyleneamino)carbonimidoyl]ketenes: Synthesis of 9H-Pyrazolo[3,2-b][1,3]benzoxazines. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 1468-1475	3.2	5
144	On the [2+2] cycloaddition of 2-aminothiazoles and dimethyl acetylenedicarboxylate. Experimental and computational evidence of a thermal disrotatory ring opening of fused cyclobutenes. <i>Journal of Organic Chemistry</i> , 2006 , 71, 5328-39	4.2	36
143	Hydricity-promoted [1,5]-H shifts in acetalic ketenimines and carbodiimides. <i>Organic Letters</i> , 2006 , 8, 5645-8	6.2	57

142	Tandem pseudopericyclic reactions: [1,5]-X sigmatropic shift/6pi-electrocyclic ring closure converting N-(2-X-carbonyl)phenyl ketenimines into 2-X-quinolin-4(3H)-ones. <i>Journal of Organic Chemistry</i> , 2006 , 71, 8126-39	4.2	38
141	New macrobicyclic triphosphazides and triphosphazenes formed by self-assembly of tripodal triazides with triphosphanes. <i>Tetrahedron</i> , 2006 , 62, 6190-6202	2.4	16
140	On the protonation of a macrobicyclic cage: an inert tribenzylamine fragment and three robust aminophosphonium units. <i>Tetrahedron Letters</i> , 2006 , 47, 5405-5408	2	3
139	From ketenimines to ketenes to quinolones: two consecutive pseudopericyclic events. <i>Organic Letters</i> , 2005 , 7, 5281-4	6.2	32
138	Mode selectivity in the intramolecular cyclization of ketenimines bearing N-acylimino units: a computational and experimental study. <i>Journal of Organic Chemistry</i> , 2005 , 70, 1340-9	4.2	20
137	The Chemistry of Phosphinous Amides (Aminophosphanes): Old Reagents with New Applications. <i>Topics in Current Chemistry</i> , 2005 , 77-106		34
136	On the mechanism of phthalimidine formation via o-phthalaldehyde monoimines. New [1,5]-H sigmatropic rearrangements in molecules with the 5-aza-2,4-pentadienal skeleton. <i>Journal of Organic Chemistry</i> , 2005 , 70, 7617-23	4.2	25
135	The consecutive [2+2] cycloaddition-ring expansion route to diastereomeric 1,4-diazepin-5-ones from imino-ketenimines. Alternative intramolecular transamidation of β -lactams. <i>Tetrahedron</i> , 2005 , 61, 1531-1537	2.4	23
134	Thermal cyclization of N-[2-(2-propenyl)-1-naphthyl] ketenimines: intramolecular Diels-Alder reaction versus [1,5] hydrogen migration. Synthesis of dibenz[b,h]acridines and benzo[h]quinolines. <i>Tetrahedron</i> , 2005 , 61, 7613-7621	2.4	23
133	Synthesis of 2-Substituted 4H-3,1-Benzoxazin-4-ones by Thermally Induced Cyclization of N-(2-Benzyloxycarbonyl)phenyl Ketenimines; Oxygen-to-Carbon Migration of a Benzyl Group. <i>Synthesis</i> , 2005 , 2005, 2426-2432	2.9	16
132	A novel benzothiazole synthesis by cyclization of ketenimines bearing sulfenylimine fragments. Unexpected sulfur to carbon migration of an imino group. <i>Arkivoc</i> , 2005 , 2005, 39-50	0.9	4
131	Arenesulfinamides as New Reagents for the Synthesis of Allylic Sulfoxides. <i>Synlett</i> , 2004 , 2004, 995-998	2.2	5
130	Imino-Ketenimines on an Ortho-Benzyl Scaffold. Nitrogen to Carbon [1,3] Shift of an Ortho-Functionalized Benzyl Group. <i>Letters in Organic Chemistry</i> , 2004 , 1, 340-342	0.6	4
129	A Mechanistic Rationale for the Mode Selectivity in the Intramolecular Cyclization of Ethylene-Tethered Iminoketenimines: [2+2] versus [4+2] Stepwise Cycloadditions. <i>European Journal of Organic Chemistry</i> , 2004 , 2004, 2636-2643	3.2	8
128	Self-assembly of tris(2-ureidobenzyl)amines: a new type of capped, capsule-like dimeric aggregates derived from a highly flexible skeleton. <i>Chemistry - A European Journal</i> , 2004 , 10, 1383-97	4.8	39
127	Stereocontrolled synthesis of azeto[2,1-b]quinazolines bearing three stereocenters via the intramolecular [2+2] cycloaddition between ketenimines and imines. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 489-494		13
126	Persistent radical effect in the intramolecular addition of benzylic radicals onto ketenimines: selective cross-coupling of β (indol-2-yl)benzyl radicals with the 1-cyano-1-methylethyl radical. <i>New Journal of Chemistry</i> , 2004 , 28, 570-577	3.6	24
125	Aminophosphanes as Iminophosphoranyl Synthons: Efficient P-H Addition to Activated C=C Bonds. <i>Letters in Organic Chemistry</i> , 2004 , 1, 145-147	0.6	16

- 124 A Convenient and Expedient Synthesis of 3-Aryl-2H-azirine-2-carboxaldehydes. *Synthesis*, **2003**, 1, 0049-0052 3
- 123 The Alkylation of Aminophosphanes: A New Synthesis of Iminophosphoranes. *Synlett*, **2003**, 2003, 0801-0804 11
- 122 The Molecular Structure and NMR Properties of P-Phosphinoylmethyl Aminophosphonium Salts. *Structural Chemistry*, **2003**, 14, 391-397 1.8 6
- 121 Ketenimine and imine functions linked by an ethylene group. Intramolecular [4+2] cycloadditions leading to imidazo[1,2-b]isoquinolines. *Tetrahedron*, **2003**, 59, 9913-9918 2.4 11
- 120 First radical addition onto ketenimines: a novel synthesis of indoles. *Tetrahedron Letters*, **2003**, 44, 3027-3030 35
- 119 Intramolecular addition of benzylic radicals onto ketenimines. Synthesis of 2-alkylindoles. *Organic and Biomolecular Chemistry*, **2003**, 1, 4282-92 3.9 41
- 118 Molecular Containers: Design Approaches and Applications. *Structure and Bonding*, **2003**, 97-168 0.9 55
- 117 Synthesis and molecular structure of a new class of bi- and ter-dentate palladium complexes with iminophosphorane containing ligands. *Dalton Transactions*, **2003**, 426-434 4.3 15
- 116 Helical Sense Bias Induced by Point Chirality in Cage Compounds. *Angewandte Chemie*, **2002**, 114, 1253-1256 6
- 115 Helical sense bias induced by point chirality in cage compounds. *Angewandte Chemie - International Edition*, **2002**, 41, 1205-8 16.4 21
- 114 New Applications of the Imine-Ketenimine Intramolecular [2+2] Cycloaddition Reaction: Highly Stereocontrolled Synthesis of Azeto[1,2-a]pyrimidines. *European Journal of Organic Chemistry*, **2002**, 2002, 4222-4227 3.2 12
- 113 Highly stereocontrolled [2+2] cycloaddition versus unprecedented imino-ene reactions of imino-ketenimines. *Tetrahedron Letters*, **2002**, 43, 6259-6261 2 18
- 112 Intramolecular [4 + 2] Cycloaddition Reactions of Ketenimines: A New Synthesis of Benz[b]acridines. *Synthesis*, **2002**, 2002, 2393-2398 2.9 17
- 111 ^{(3h)J}(^{(15)N}-^{(31)P}) spin-spin coupling constants across N...O...P hydrogen bonds. *Journal of the American Chemical Society*, **2002**, 124, 6393-7 16.4 29
- 110 Dimeric self-assembling capsules derived from the highly flexible tribenzylamine skeleton. *Journal of Organic Chemistry*, **2002**, 67, 7091-5 4.2 43
- 109 An efficient entry to monoiminophosphoranes derived from 1,2-bis(diphenylphosphino)ethane: new bidentate P,N ligands. *Tetrahedron Letters*, **2001**, 42, 605-607 2 15
- 108 Labile P C bonds: P-(phosphinoyl)methyl- β -phosphazenes and related compounds. *Tetrahedron Letters*, **2001**, 42, 1041-1043 2 3
- 107 Dimerization of tris(o-ureidobenzyl)amines: a novel class of aggregates. *Chemical Communications*, **2001**, 169-170 5.8 19

106	On the mechanism of conversion of N-acyl-4-acyloxy-beta-lactams into 2-substituted 1,3-oxazin-6-ones. Can a low-barrier transition state be antiaromatic?. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8470-7	4.2	39
105	Periselective intramolecular [4+2] cycloadditions of ketenimines: synthesis of pyrido[1,2-a]benzimidazoles. <i>Tetrahedron Letters</i> , 2000 , 41, 7029-7032	2	24
104	A Practical Synthesis of the First P-Phosphinoylmethyl-β-phosphazenes. <i>Synthesis</i> , 2000 , 2000, 2085-2091	1.9	17
103	Highly efficient induction of chirality in intramolecular. <i>Journal of Organic Chemistry</i> , 2000 , 65, 3633-43	4.2	35
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