Antonio de la Hoz

List of Publications by Year in Descending Order

204 papers	6,216 citations	41 h-index	71 g-index
271 ext. papers	6,735 ext. citations	4.2 avg, IF	5.59 L-index

#	Paper	IF	Citations
204	Green Aspects of Flow Chemistry for Drug Discovery. *Topics in Medicinal Chemistry*, **2021**, 1	0.4	
203	C(sp3)–C(sp3) Bond Formation via Electrochemical Alkoxylation and Subsequent Lewis Acid Promoted Reactions. *Advanced Synthesis and Catalysis*, **2021**, 363, 4521	5.6	1
202	The mechanism of the reaction of hydrazines with α,β-unsaturated carbonyl compounds to afford hydrazones and 2-pyrazolines (4,5-dihydro-1H-pyrazoles): Experimental and theoretical results. *Tetrahedron*, **2021**, 97, 132413	2.4	3
201	Polarised Optical Emission from Organic Anisotropic Microoptical Waveguides Grown by Ambient Pressure Vapour-deposition. *Chemistry - an Asian Journal*, **2021**, 16, 3476-3480	4.5	1
200	Mechanical Processing of Naturally Bent Organic Crystalline Microoptical Waveguides and Junctions. *Small*, **2021**, 17, e2006795	11	18
199	Formation of quaternary carbons through cobalt-catalyzed C(sp)-C(sp) Negishi cross-coupling. *Chemical Communications*, **2020**, 56, 8210-8213	5.8	7
198	Molecular adsorption of iminotriazine derivatives on graphene. *JPhys Materials*, **2020**, 3, 034011	4.2	3
197	Insights into the mechanism of the formation of noble metal nanoparticles by in situ NMR spectroscopy. *Nanoscale Advances*, **2020**, 2, 3954-3962	5.1	2
196	A Critical Overview on the Effect of Microwave Irradiation in Organic Synthesis. *Chemical Record*, **2019**, 19, 85-97	6.6	81
195	CHAPTER 4:Flow Chemistry in Drug Discovery. *RSC Green Chemistry*, **2019**, 53-78	0.9	3
194	A spectral numerical model and an experimental investigation on radial microwave irradiation of water and ethanol in a cylindrical vessel. *Applied Mathematical Modelling*, **2019**, 66, 680-694	4.5	7
193	Visible-Light-Induced Nickel-Catalyzed Negishi Cross-Couplings by Exogenous-Photosensitizer-Free Photocatalysis. *Angewandte Chemie - International Edition*, **2018**, 57, 8473-8477	16.4	47
192	Pushing nuclear magnetic resonance sensitivity limits with microfluidics and photo-chemically induced dynamic nuclear polarization. *Nature Communications*, **2018**, 9, 108	17.4	44
191	Illumination of Nanoliter-NMR Spectroscopy Chips for Real-Time Photochemical Reaction Monitoring. *Analytical Chemistry*, **2018**, 90, 1542-1546	7.8	12
190	Visible-Light-Induced Nickel-Catalyzed Negishi Cross-Couplings by Exogenous-Photosensitizer-Free Photocatalysis. *Angewandte Chemie*, **2018**, 130, 8609-8613	3.6	10
189	Rücktitelbild: Visible-Light-Induced Nickel-Catalyzed Negishi Cross-Couplings by Exogenous-Photosensitizer-Free Photocatalysis (Angew. Chem. 28/2018). *Angewandte Chemie*, **2018**, 130, 8918-8918	3.6	
188	Photoinduced Palladium-Catalyzed Negishi Cross-Couplings Enabled by the Visible-Light Absorption of Palladium–Zinc Complexes. *Angewandte Chemie*, **2018**, 130, 13415-13420	3.6	7

187	Photoinduced Palladium-Catalyzed Negishi Cross-Couplings Enabled by the Visible-Light Absorption of Palladium-Zinc Complexes. *Angewandte Chemie - International Edition*, **2018**, 57, 13231-13236	16.4	29
186	Nonconventional Techniques in Sustainable Flow Chemistry **2017**, 219-248		2
185	The organic chemistry of poly(1 H -pyrazol-1-yl)methanes. *Coordination Chemistry Reviews*, **2017**, 339, 153-182	23.2	27
184	NMR reaction monitoring in flow synthesis. *Beilstein Journal of Organic Chemistry*, **2017**, 13, 285-300	2.5	50
183	Grignard Reagents on a Tab: Direct Magnesium Insertion under Flow Conditions. *Organic Letters*, **2017**, 19, 3747-3750	6.2	22
182	Understanding MAOS through computational chemistry. *Chemical Society Reviews*, **2017**, 46, 431-451	58.5	16
181	Reformatsky and Blaise reactions in flow as a tool for drug discovery. One pot diversity oriented synthesis of valuable intermediates and heterocycles. *Green Chemistry*, **2017**, 19, 1420-1424	10	28
180	6. The impact of microwaves in organic synthesis **2017**, 91-112		
179	Synthesis of imine-derived triazines with Donor–Acceptor properties. *Journal of Cleaner Production*, **2016**, 118, 223-228	10.3	7
178	Green synthesis of luminescent blue emitters based on bistriazines with naphthalene as a π-conjugated spacer. *Dyes and Pigments*, **2016**, 124, 203-209	4.6	4
177	Diels-Alder reactions in confined spaces: the influence of catalyst structure and the nature of active sites for the retro-Diels-Alder reaction. *Beilstein Journal of Organic Chemistry*, **2016**, 12, 2181-2188	2.5	4
176	Triazine-Carbon Nanotubes: New Platforms for the Design of Flavin Receptors. *Chemistry - A European Journal*, **2016**, 22, 8879-88	4.8	2
175	Bistriazine-based streptocyanines. Preparation, structural determination and optoelectronic properties. *Dyes and Pigments*, **2016**, 131, 307-319	4.6	5
174	Determination of Kinetic Parameters within a Single Nonisothermal On-Flow Experiment by Nanoliter NMR Spectroscopy. *Analytical Chemistry*, **2015**, 87, 10547-55	7.8	21
173	Solvent-Free Microwave-Assisted Synthesis of 2,5-Dimethoxyphenylaminotriazines. *ACS Sustainable Chemistry and Engineering*, **2015**, 3, 3405-3411	8.3	8
172	First Example of Alkyl–Aryl Negishi Cross-Coupling in Flow: Mild, Efficient and Clean Introduction of Functionalized Alkyl Groups. *Journal of Flow Chemistry*, **2015**, 4, 22-25	3.3	30
171	Influence of Polarity and Activation Energy in Microwave-Assisted Organic Synthesis (MAOS). *ChemistryOpen*, **2015**, 4, 308-17	2.3	42
170	Microwave-assisted selective and efficient synthesis of 1,3,5-triazinyl mono and bisureas. *Tetrahedron*, **2014**, 70, 1733-1739	2.4	12

169	The issue of Pmolecular radiatorsPin microwave-assisted reactions. Computational calculations on ring closing metathesis (RCM). *Organic and Biomolecular Chemistry*, **2014**, 12, 2436-45	3.9	16
168	Microwaves in Green and Sustainable Chemistry. *Handbook of Environmental Chemistry*, **2014**, 405-428	0.8	
167	Microwave-assisted selective synthesis of mono- and bistriazines with Econjugated spacers and study of the optoelectronic properties. *Journal of Organic Chemistry*, **2014**, 79, 4909-19	4.2	11
166	First Example of a Continuous-Flow Carbonylation Reaction Using Aryl Formates as CO Precursors. *Journal of Flow Chemistry*, **2014**, 4, 105-109	3.3	13
165	Synthesis of Bright Alkenyl-1H-1,2,4-triazoles: A Theoretical and Photophysical Study. *ChemPlusChem*, **2014**, 79, 1489-1497	2.8	2
164	Solvent-free microwave-assisted synthesis of new 2,4-dimethoxybenzylaminotriazines. *Arkivoc*, **2014**, 2014, 308-318	0.9	3
163	Selectivity Modifications Under Microwave Irradiation **2013**, 209-244		3
162	Microwave Susceptors **2013**, 297-346		2
161	Microwave-Assisted Cycloaddition Reactions **2013**, 737-809		5
160	Application of Microwave Irradiation in Carbon Nanostructures **2013**, 1059-1098		2
159	Microwave-Assisted Continuous Flow Organic Synthesis (MACOS) **2013**, 1173-1204		2
158	Development and Design of Reactors in Microwave-Assisted Chemistry **2013**, 57-103		1
157	Nonthermal Effects of Microwaves in Organic Synthesis **2013**, 127-207		16
156	Elucidation of Microwave Effects: Methods, Theories, and Predictive Models **2013**, 245-295		1
155	Microwaves in Heterocyclic Chemistry **2013**, 673-735		1
154	Microwaves in Photochemistry and Photocatalysis **2013**, 563-605		1
153	Microwaves and Electrochemistry **2013**, 525-539		1
152	Organic Synthesis Using Microwaves and Supported Reagents **2013**, 425-486		3

151	Microwave-Assisted Heterogeneously Catalyzed Processes **2013**, 811-842		3
150	Microwave-Enhanced Synthesis of Peptides, Proteins, and Peptidomimetics **2013**, 897-959		1
149	Application of Flow Chemistry to the Selective Reduction of Esters to Aldehydes. *European Journal of Organic Chemistry*, **2012**, 2012, 260-263	3.2	18
148	Cross-Coupling in Flow using Supported Catalysts: Mild, Clean, Efficient and Sustainable Suzuki–Miyaura Coupling in a Single Pass. *Advanced Synthesis and Catalysis*, **2012**, 354, 3456-3460	5.6	42
147	Sustainable and efficient methodology for CLA synthesis and identification. *Green Chemistry*, **2012**, 14, 2584	10	12
146	DFT studies on cobalt-catalyzed cyclotrimerization reactions: the mechanism and origin of reaction improvement under microwave irradiation. *Chemistry - A European Journal*, **2012**, 18, 6217-24	4.8	29
145	Preparation of amides mediated by isopropylmagnesium chloride under continuous flow conditions. *Green Chemistry*, **2012**, 14, 1335	10	45
144	Continuous-Flow Microliter Microwave Irradiation in the Synthesis of Isoxazole Derivatives: An Optimization Procedure. *Synthesis*, **2012**, 44, 2527-2530	2.9	14
143	Influence of polarity on the scalability and reproducibility of solvent-free microwave-assisted reactions. *Combinatorial Chemistry and High Throughput Screening*, **2011**, 14, 109-16	1.3	9
142	Application of flow chemistry to the reduction of nitriles to aldehydes. *Tetrahedron Letters*, **2011**, 52, 6058-6060	2	22
141	Electrochemical synthesis and spectroelectrochemical characterization of triazole/thiophene conjugated polymers. *Electrochimica Acta*, **2011**, 58, 215-222	6.7	9
140	"In silico" mechanistic studies as predictive tools in microwave-assisted organic synthesis. *Organic and Biomolecular Chemistry*, **2011**, 9, 2371-7	3.9	19
139	Few-layer graphenes from ball-milling of graphite with melamine. *Chemical Communications*, **2011**, 47, 10936-8	5.8	265
138	Ball-milling modification of single-walled carbon nanotubes: purification, cutting, and functionalization. *Small*, **2011**, 7, 665-74	11	57
137	Microwave-Assisted Stille Reactions as a Powerful Tool for Building Polyheteroaryl Systems Bearing a (1H)-1,2,4-Triazole Moiety. *Synlett*, **2010**, 2010, 55-60	2.2	3
136	Versatile microwave-induced reactions for the multiple functionalization of carbon nanotubes. *Organic and Biomolecular Chemistry*, **2010**, 8, 1936-42	3.9	21
135	Computational calculations in microwave-assisted organic synthesis (MAOS). Application to cycloaddition reactions. *Organic and Biomolecular Chemistry*, **2010**, 8, 1000-9	3.9	32
134	On-line monitoring of a microwave-assisted chemical reaction by nanolitre NMR-spectroscopy. *Chemical Communications*, **2010**, 46, 4514-6	5.8	41

133	Microwave-assisted synthesis of pyrazolyl bistriazines. *Tetrahedron*, **2010**, 66, 121-127	2.4	10
132	Microwave-Controlled Preparation of Alkenyl-(1H)-1,2,4-triazoles: First Heck Reaction on a (1H)-1,2,4-Triazole Moiety. *Australian Journal of Chemistry*, **2009**, 62, 1600	1.2	2
131	Microwave-assisted reactions of nitroheterocycles with dienes. Diels–Alder and tandem hetero Diels–Alder/[3,3] sigmatropic shift. *Tetrahedron*, **2009**, 65, 5328-5336	2.4	48
130	Selectivity under microwave irradiation. Benzylation of 2-pyridone: an experimental and theoretical study. *Tetrahedron*, **2008**, 64, 8169-8176	2.4	23
129	Multiple Hydrogen Bonds in the Self-Assembly of Aminotriazine and Glutarimide. Decisive Role of the Triazine Substituents. *Crystal Growth and Design*, **2008**, 8, 1585-1594	3.5	21
128	Anion-dependent self-assembly of silver(I) and diaminotriazines to coordination polymers: non-covalent bonds and role interchange between silver and hydrogen bonds. *Inorganic Chemistry*, **2008**, 47, 8957-71	5.1	59
127	Microwave-assisted synthesis of bipyrazolyls and pyrazolyl-substituted pyrimidines. *Tetrahedron*, **2007**, 63, 748-753	2.4	9
126	Microwave-assisted reactions in heterocyclic compounds with applications in medicinal and supramolecular chemistry. *Combinatorial Chemistry and High Throughput Screening*, **2007**, 10, 877-902	1.3	43
125	Reproducibility and scalability of solvent-free microwave-assisted reactions: from domestic ovens to controllable parallel applications. *Combinatorial Chemistry and High Throughput Screening*, **2007**, 10, 163-9	1.3	15
124	Green and chemoselective oxidation of sulfides with sodium perborate and sodium percarbonate: nucleophilic and electrophilic character of the oxidation system. *Green Chemistry*, **2007**, 9, 331-336	10	55
123	Solvent-free thermal and microwave-assisted [3 + 2] cycloadditions between stabilized azomethine ylides and nitrostyrenes. An experimental and theoretical study. *Journal of Organic Chemistry*, **2007**, 72, 4313-22	4.2	75
122	Review on non-thermal effects of microwave irradiation in organic synthesis. *Journal of Microwave Power and Electromagnetic Energy*, **2007**, 41, 44-64	1.4	16
121	Microwave Irradiation as an Efficient Tool for the Generation of N-Heterocyclico-Quinodimethanes: Synthesis of Polyheterocyclic Compounds by Diels-Alder Reactions. *Synlett*, **2006**, 2006, 0579-0582	2.2	5
120	Review on Non-Thermal Effects of Microwave Irradiation in Organic Synthesis. *Journal of Microwave Power and Electromagnetic Energy*, **2006**, 41, 45-66	1.4	22
119	Microwave assisted synthesis and crystal structures of 2-imidazolines and imidazoles. *Tetrahedron*, **2006**, 62, 5868-5874	2.4	38
118	Recyclable supported catalysts in microwave-assisted reactions: first Diels–Alder cycloaddition of a triazole ring. *Tetrahedron Letters*, **2006**, 47, 8761-8764	2	23
117	Use of different microporous and mesoporous materials as catalyst in the Diels–Alder and retro-Diels–Alder reaction between cyclopentadiene and p-benzoquinoneActivity of Al-, Ti- and Sn-doped silica. *Journal of Molecular Catalysis A*, **2005**, 240, 16-21		22
116	Microwaves in organic synthesis. Thermal and non-thermal microwave effects. *Chemical Society Reviews*, **2005**, 34, 164-78	58.5	1437

115	Reactivity of 3-Styrylchromones as Dienes in Diels-Alder Reactions under Microwave Irradiation: A New Synthesis of Xanthones. *European Journal of Organic Chemistry*, **2005**, 2005, 2973-2986	3.2	17
114	Microwaves in Organic Synthesis. Thermal and Non-Thermal Microwave Effects. *ChemInform*, **2005**, 36, no		1
113	The Unusual Transformation of an Aromatic 1H-Imidazole into a Non-Aromatic 2H-Imidazole. *Structural Chemistry*, **2005**, 16, 485-490	1.8	12
112	Microwave-Assisted Synthesis and Dynamic Behaviour of N2,N4,N6-Tris(1H-pyrazolyl)-1,3,5-triazine-2,4,6-triamines. *QSAR and Combinatorial Science*, **2005**, 24, 649-659		19
111	An Efficient One-Pot Synthesis of Phenol Derivatives by Ring Opening and Rearrangement of Diels-Alder Cycloadducts of Substituted Furans Using Heterogeneous Catalysis and Microwave Irradiation. *Synlett*, **2004**, 2004, 1259-1263	2.2	17
110	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. *New Journal of Chemistry*, **2004**, 28, 952-958	3.6	51
109	Selectivity in Organic Synthesis Under Microwave Irradiation. *Current Organic Chemistry*, **2004**, 8, 903-918	1.7	80
108	First Diels-AlderReactions of 3-Styrylchromones under Microwave Irradiation. *Synlett*, **2003**, 2003, 1415-1418	2.2	2
107	Enhancing stereochemical diversity by means of microwave irradiation in the absence of solvent: synthesis of highly substituted nitroproline esters via 1,3-dipolar reactions. *Molecular Diversity*, **2003**, 7, 175-80	3.1	8
106	The Structure of N1-Hydroxylophine N3-Oxide (=1-Hydroxy-2,4,5- triphenyl-1H-imidazole 3-Oxide) in the Solid State. *Helvetica Chimica Acta*, **2003**, 86, 1026-1039	2	9
105	Five different fluxional processes in polyfluorophenyl palladium(II) complexes with 2,4,6-tris(3,5-dimethylpyrazol-1-yl)-1,3,5-triazine. The driving effect of the solvent. *Inorganic Chemistry*, **2003**, 42, 885-95	5.1	29
104	Synthesis, structural determination and dynamic behavior of 2-chloro-4,6-bis(pyrazolylamino)-1,3,5-triazines. *Organic and Biomolecular Chemistry*, **2003**, 1, 4451-7	3.9	34
103	Synthesis and properties of pyrazolino[60]fullerene-donor systems. *Tetrahedron*, **2002**, 58, 5821-5826	2.4	45
102	Microwave-Enhanced Reactivity of Non-Activated Dienophiles Towards Pyrazineo-Quinodimethanes. *Synlett*, **2002**, 2002, 2037-2038	2.2	7
101	Synthesis of 1,3,5-triazines in solvent-free conditions catalysed by silica-supported lewis acids. *Green Chemistry*, **2002**, 4, 339-343	10	43
100	The importance of the linking bridge in donor–C60 electroactive dyads. *New Journal of Chemistry*, **2002**, 26, 76-80	3.6	20
99	Relation between charge transfer and solvent polarity in fullerene derivatives: NMR studies. *Journal of Materials Chemistry*, **2002**, 12, 2130-2136		9
98	Solvent-free synthesis and structural characterization of azolyl-substituted pyrimidines. *New Journal of Chemistry*, **2002**, 26, 926-932	3.6	7

97	Theoretical study on the reaction between 4,6-dimethyl-1,2,3-triazine and enamines. *Perkin Transactions II RSC*, **2002**, 1257-1263		6
96	Solvent-free preparation of tris-pyrazolyl-1,3,5-triazines. *Tetrahedron*, **2001**, 57, 4397-4403	2.4	39
95	Preparation of and substituted alanine derivatives by amidoalkylation or Michael addition reactions under heterogeneous catalysis assisted by microwave irradiation. *Tetrahedron*, **2001**, 57, 5421-5428	2.4	31
94	Synthesis, electrochemistry and photophysical properties of phenylenevinylene fullerodendrimers. *Tetrahedron Letters*, **2001**, 42, 3435-3438	2	52
93	Tandem Diels Alder Aromatization Reactions of Furans under Unconventional Reaction Conditions Experimental and Theoretical Studies. *European Journal of Organic Chemistry*, **2001**, 2001, 2891	3.2	27
92	Strained systems as hydrogen bond acceptors: the case of benzyne. *Chemical Physics Letters*, **2001**, 350, 325-330	2.5	11
91	A complete model for the prediction of 1H- and 13C-NMR chemical shifts and torsional angles in phenyl-substituted pyrazoles. *Tetrahedron*, **2001**, 57, 4179-4187	2.4	10
90	Diels-Alder Cycloaddition of 4,6-Dimethyl-1,2,3-triazine with Enamines, or their Precursors, under Microwave Irradiation. *Synlett*, **2001**, 2001, 0236-0237	2.2	11
89	Synergy between Heterogeneous Catalysis and Microwave Irradiation in an Efficient One-Pot Synthesis of Benzene Derivatives via Ring-Opening of Diels-Alder Cycloadducts of Substituted Furans. *Synlett*, **2001**, 2001, 0753-0756	2.2	14
88	Microwave-assisted Cyclocondesation under Solvent-free Conditions: Quinoxaline-2,3-dione. *Heterocycles*, **2001**, 55, 109	0.8	8
87	C(60)-based triads with improved electron-acceptor properties: pyrazolylpyrazolino[60]fullerenes. *Journal of Organic Chemistry*, **2001**, 66, 5033-41	4.2	54
86	New complexes with pyrazole-containing ligands and different metallic centres. Comparative study of their fluxional behaviour involving MN bond rupture. *New Journal of Chemistry*, **2001**, 25, 1050-1060	3.6	44
85	Synthesis, X-ray Structure, and Properties of 2-(1Pyridin-2bne)Benzimidazole. *Journal of Physical Chemistry B*, **2001**, 105, 12759-12770	3.4	8
84	Determination of syn/anti Isomerism in DCNQI Derivatives by 2D Exchange Spectroscopy: Theoretical Underpinning. *European Journal of Organic Chemistry*, **2000**, 2000, 2407-2415	3.2	10
83	Cycloadditions under Microwave Irradiation Conditions: Methods and Applications. *European Journal of Organic Chemistry*, **2000**, 2000, 3659-3673	3.2	148
82	Fullerene chemistry under microwave irradiation. *Carbon*, **2000**, 38, 1641-1646	10.4	45
81	Synthesis of Pyrazolo[3,4-b]pyridines by Cycloaddition Reactions under Microwave Irradiation. *Tetrahedron*, **2000**, 56, 1569-1577	2.4	58
80	Synthesis and properties of isoxazolo[60]fullerene-donor dyads. *Journal of Organic Chemistry*, **2000**, 65, 8675-84	4.2	54

79	Microwave irradiation in solvent-free conditions: an eco-friendly methodology to prepare indazoles, pyrazolopyridines and bipyrazoles by cycloaddition reactions. *Green Chemistry*, **2000**, 2, 165-172	10	52
78	Modification of regioselectivity in cycloadditions to C70 under microwave irradiation. *Journal of Organic Chemistry*, **2000**, 65, 2499-507	4.2	76
77	Pd(II) complexes with polydentate nitrogen ligands. Molecular recognition and dynamic behavior involving Pd-N bond rupture. X-ray molecular structures of [[Pd(C6HF4)2](bpzpm)] and [[Pd(eta 3-C4H7)]2(bpzpm)] (CF3SO3)2 [bpzpm = 4,6-bis(pyrazol-1-yl)pyrimidine]. *Inorganic Chemistry*, **2000**, 39, 1152-62	5.1	46
76	Use of Microwave Irradiation and Solid Acid Catalysts in an Enhanced and Environmentally Friendly Synthesis of Coumarin Derivatives. *Synlett*, **1999**, 1999, 608-610	2.2	58
75	Synthesis of new C60?donor dyads by reaction of pyrazolylhydrazones with [60]fullerene under microwave irradiation. *Tetrahedron Letters*, **1999**, 40, 1587-1590	2	45
74	Electroactive 3?-(N-phenylpyrazolyl)isoxazoline[4?,5?:1,2][60]fullerene dyads. *Tetrahedron Letters*, **1999**, 40, 4889-4892	2	38
73	The effect of focused microwaves on the reaction of ethyl N-trichloroethylidenecarbamate with pyrazole derivatives. *Tetrahedron*, **1999**, 55, 9623-9630	2.4	19
72	Quaternization and dequaternization of pyrazoles in solvent-free conditions: Conventional heating versus microwave irradiation. *Journal of Heterocyclic Chemistry*, **1999**, 36, 889-894	1.9	6
71	N-Arylation of Pyrrolidino[3?,4?:1,2][60]fullerene: Synthesis under Solvent-Free Conditions and Electrochemistry of New C60-Acceptor Dyads. *European Journal of Organic Chemistry*, **1999**, 1999, 3433-3436	3.2	13
70	Femtosecond Dynamics of Double Proton Transfer in a Model DNA Base Pair: 7-Azaindole Dimers in the Condensed Phase. *Journal of Physical Chemistry A*, **1999**, 103, 7419-7431	2.8	171
69	Efficient tautomerization hydrazone-azomethine imine under microwave irradiation. Synthesis of [4,3?] and [5,3?]bipyrazoles. *Tetrahedron*, **1998**, 54, 13167-13180	2.4	67
68	Alkylation of enolates: A new approach to dendrons. *Tetrahedron*, **1998**, 54, 15243-15252	2.4	3
67	Solvent-free phase transfer catalysis under microwaves in fullerene chemistry. A convenient preparation of N-alkylpyrrolidino[60]fullerenes. *Tetrahedron Letters*, **1998**, 39, 6053-6056	2	43
66	Carbon-13 NMR spectra of imidazole 1-oxides. Comparison with the parent imidazoles. *Magnetic Resonance in Chemistry*, **1998**, 36, 296-299	2.1	11
65	Alkylation and arylation of pyrazoles under solvent-free conditions: Conventional heating versus microwave irradiation. *Journal of Heterocyclic Chemistry*, **1998**, 35, 1263-1268	1.9	34
64	A study on the phase transfer catalysed Michael addition. *Tetrahedron*, **1998**, 54, 1835-1844	2.4	20
63	Synthesis and Characterization of Palladium(II) Complexes with New Polydentate Nitrogen Ligands. Dynamic Behavior Involving Pd-N Bond Rupture. X-ray Molecular Structure of [{Pd(eta(3)-C(4)H(7))}(2)(Me-BPzTO)](4-MeC(6)H(4)SO(3)) [Me-BPzTO = 4,6-Bis(4-methylpyrazol-1-yl)-1,3,5-triazin-2-olate]. *Inorganic Chemistry*, **1998**, 37, 6606-6614	5.1	39
62	First Diels-Alder Reaction of Pyrazolyl Imines under Microwave Irradiation. *Synlett*, **1998**, 1998, 1069-1070	2.2	21

61	Selective Synthesis of 2-Substituted Indazolin-3-ones without N-1 Protection. *Heterocycles*, **1997**, 45, 129	0.8	4
60	Reaction of C60with Sultines:Synthesis, Electrochemistry, and Theoretical Calculations of Organofullerene Acceptors. *Journal of Organic Chemistry*, **1997**, 62, 7585-7591	4.2	50
59	Thermal and Microwave-Assisted Synthesis of DielsAlder Adducts of [60]Fullerene with 2,3-Pyrazinoquinodimethanes: Characterization and Electrochemical Properties. *Journal of Organic Chemistry*, **1997**, 62, 3705-3710	4.2	56
58	Phase transfer catalysis in heterocyclic chemistry **1997**, 276-316		2
57	Michael Addition of 2-Phenylcyclohexanone to Chalcone Under Phase-Transfer Catalysis Conditions. *ACS Symposium Series*, **1997**, 181-189	0.4	3
56	Microwave assisted cycloadditions to [60]fullerene. *Synthetic Metals*, **1997**, 86, 2283-2284	3.6	4
55	Microwave irradiation: more than just a method for accelerating reactions. *Contemporary Organic Synthesis*, **1997**, 4, 373-386		186
54	A methylene bridge as protecting group. 1. Selective preparation of 4-alkyl-1,2,4-triazoles. *Tetrahedron*, **1997**, 53, 2253-2260	2.4	28
53	Cycloadditions to [60]fullerene using microwave irradiation: A convenient and expeditious procedure. *Tetrahedron*, **1997**, 53, 2599-2608	2.4	68
52	Unexpected double benzylation of acetophenone under phase transfer catalysis conditions. Acidity or Interaction effect?. *Tetrahedron*, **1997**, 53, 3659-3668	2.4	11
51	N,N?-Linked 1,2-ethanediyl-poly(benzimidazolin-2-ones) and the X-ray crystal structure of a benzimidazolin-2-one trimer. *Tetrahedron*, **1997**, 53, 7689-7704	2.4	6
50	Structural determination by NMR spectroscopy and molecular mechanics of the regio and diastereoisomers obtained in the addition of 2-phenylcyclohexanone to chalcone. *Tetrahedron*, **1997**, 53, 11693-11710	2.4	4
49	Regioselectivity and diastereoselectivity in the phase transfer catalysed Michael addition of 2-phenylcyclohexanone. *Tetrahedron Letters*, **1997**, 38, 2359-2362	2	17
48	Acetyl substituted benzenes. Useful cores for the synthesis of dendrimeric polyketones. *Tetrahedron Letters*, **1997**, 38, 8557-8560	2	9
47	Selective Synthesis of 2-, 4-, and 5-Cyano Substituted Imidazoles from Imidazole N-Oxides and Trimethylsilyl Cyanide. *Journal of Organic Chemistry*, **1996**, 61, 6971-6973	4.2	6
46	1,3-Dipolar Cycloaddition of Nitriles under Microwave Irradiation in Solvent-Free Conditions. *Heterocycles*, **1996**, 43, 1021	0.8	28
45	Transformations of isoxazolidine and dihydropyran derivatives to optically active compounds. *Journal of the Chemical Society Perkin Transactions 1*, **1996**, 259-263		5
44	Solvent-Free Benzylations of 2-Pyridone. RegiospecificN- orC-Alkylation. *Chemistry Letters*, **1996**, 25, 333-334	1.7	32

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