

Antonio de la Hoz

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204
papers

6,216
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71
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271
ext. papers

6,735
ext. citations

4.2
avg, IF

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L-index

#	Paper	IF	Citations
204	Microwaves in organic synthesis. Thermal and non-thermal microwave effects. <i>Chemical Society Reviews</i> , 2005 , 34, 164-78	58.5	1437
203	Few-layer graphenes from ball-milling of graphite with melamine. <i>Chemical Communications</i> , 2011 , 47, 10936-8	5.8	265
202	Microwave irradiation: more than just a method for accelerating reactions. <i>Contemporary Organic Synthesis</i> , 1997 , 4, 373-386		186
201	Femtosecond Dynamics of Double Proton Transfer in a Model DNA Base Pair: 7-Azaindole Dimers in the Condensed Phase. <i>Journal of Physical Chemistry A</i> , 1999 , 103, 7419-7431	2.8	171
200	Cycloadditions under Microwave Irradiation Conditions: Methods and Applications. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 3659-3673	3.2	148
199	A Critical Overview on the Effect of Microwave Irradiation in Organic Synthesis. <i>Chemical Record</i> , 2019 , 19, 85-97	6.6	81
198	Selectivity in Organic Synthesis Under Microwave Irradiation. <i>Current Organic Chemistry</i> , 2004 , 8, 903-918	7	80
197	Modification of regioselectivity in cycloadditions to C70 under microwave irradiation. <i>Journal of Organic Chemistry</i> , 2000 , 65, 2499-507	4.2	76
196	Solvent-free thermal and microwave-assisted [3 + 2] cycloadditions between stabilized azomethine ylides and nitrostyrenes. An experimental and theoretical study. <i>Journal of Organic Chemistry</i> , 2007 , 72, 4313-22	4.2	75
195	Cycloadditions to [60]fullerene using microwave irradiation: A convenient and expeditious procedure. <i>Tetrahedron</i> , 1997 , 53, 2599-2608	2.4	68
194	Efficient tautomerization hydrazone-azomethine imine under microwave irradiation. Synthesis of [4,3?] and [5,3?]bipyrazoles. <i>Tetrahedron</i> , 1998 , 54, 13167-13180	2.4	67
193	Phase Transfer Catalysis without Solvent. Synthesis of Bisazolyalkanes. <i>Heterocycles</i> , 1992 , 34, 1365	0.8	65
192	Anion-dependent self-assembly of silver(I) and diaminotriazines to coordination polymers: non-covalent bonds and role interchange between silver and hydrogen bonds. <i>Inorganic Chemistry</i> , 2008 , 47, 8957-71	5.1	59
191	Synthesis of Pyrazolo[3,4-b]pyridines by Cycloaddition Reactions under Microwave Irradiation. <i>Tetrahedron</i> , 2000 , 56, 1569-1577	2.4	58
190	Use of Microwave Irradiation and Solid Acid Catalysts in an Enhanced and Environmentally Friendly Synthesis of Coumarin Derivatives. <i>Synlett</i> , 1999 , 1999, 608-610	2.2	58
189	Ball-milling modification of single-walled carbon nanotubes: purification, cutting, and functionalization. <i>Small</i> , 2011 , 7, 665-74	11	57
188	Thermal and Microwave-Assisted Synthesis of Diels-Alder Adducts of [60]Fullerene with 2,3-Pyrazinoquinodimethanes: Characterization and Electrochemical Properties. <i>Journal of Organic Chemistry</i> , 1997 , 62, 3705-3710	4.2	56

187	Green and chemoselective oxidation of sulfides with sodium perborate and sodium percarbonate: nucleophilic and electrophilic character of the oxidation system. <i>Green Chemistry</i> , 2007 , 9, 331-336	10	55
186	Synthesis and properties of isoxazolo[60]fullerene-donor dyads. <i>Journal of Organic Chemistry</i> , 2000 , 65, 8675-84	4.2	54
185	C(60)-based triads with improved electron-acceptor properties: pyrazolylpyrazolino[60]fullerenes. <i>Journal of Organic Chemistry</i> , 2001 , 66, 5033-41	4.2	54
184	Synthesis, electrochemistry and photophysical properties of phenylenevinylene fullerodendrimers. <i>Tetrahedron Letters</i> , 2001 , 42, 3435-3438	2	52
183	Microwave irradiation in solvent-free conditions: an eco-friendly methodology to prepare indazoles, pyrazolopyridines and bipyrazoles by cycloaddition reactions. <i>Green Chemistry</i> , 2000 , 2, 165-172	4.2	52
182	Green synthesis and self-association of 2,4-diamino-1,3,5-triazine derivatives. <i>New Journal of Chemistry</i> , 2004 , 28, 952-958	3.6	51
181	NMR reaction monitoring in flow synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 285-300	2.5	50
180	Reaction of C60 with Sulfones: Synthesis, Electrochemistry, and Theoretical Calculations of Organofullerene Acceptors. <i>Journal of Organic Chemistry</i> , 1997 , 62, 7585-7591	4.2	50
179	Microwave-assisted reactions of nitroheterocycles with dienes. Diels-Alder and tandem hetero Diels-Alder/[3,3] sigmatropic shift. <i>Tetrahedron</i> , 2009 , 65, 5328-5336	2.4	48
178	Visible-Light-Induced Nickel-Catalyzed Negishi Cross-Couplings by Exogenous-Photosensitizer-Free Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 8473-8477	16.4	47
177	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]. <i>Inorganic Chemistry</i> , 2000 , 39, 1152-62	5.1	46
176	Preparation of amides mediated by isopropylmagnesium chloride under continuous flow conditions. <i>Green Chemistry</i> , 2012 , 14, 1335	10	45
175	Synthesis and properties of pyrazolino[60]fullerene-donor systems. <i>Tetrahedron</i> , 2002 , 58, 5821-5826	2.4	45
174	Fullerene chemistry under microwave irradiation. <i>Carbon</i> , 2000 , 38, 1641-1646	10.4	45
173	Synthesis of new C60 donor dyads by reaction of pyrazolylhydrazones with [60]fullerene under microwave irradiation. <i>Tetrahedron Letters</i> , 1999 , 40, 1587-1590	2	45
172	Selective Alkylations of 1,2,4-Triazole and Benzotriazole in the Absence of Solvent. <i>Heterocycles</i> , 1994 , 38, 793	0.8	45
171	Pushing nuclear magnetic resonance sensitivity limits with microfluidics and photo-chemically induced dynamic nuclear polarization. <i>Nature Communications</i> , 2018 , 9, 108	17.4	44
170	New complexes with pyrazole-containing ligands and different metallic centres. Comparative study of their fluxional behaviour involving M-N bond rupture. <i>New Journal of Chemistry</i> , 2001 , 25, 1050-1060	3.6	44

- 169 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
- 168 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
- 167 Synthesis of 1,3,5-triazines in solvent-free conditions catalysed by silica-supported lewis acids. *Green Chemistry*, **2002**, 4, 339-343 10 43
- 166 Influence of Polarity and Activation Energy in Microwave-Assisted Organic Synthesis (MAOS). *ChemistryOpen*, **2015**, 4, 308-17 2-3 42
- 165 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
- 164 On-line monitoring of a microwave-assisted chemical reaction by nanolitre NMR-spectroscopy. *Chemical Communications*, **2010**, 46, 4514-6 5.8 41
- 163 Synthesis, Characterization and Dynamic Behavior of (EAllyl)palladium Complexes with Polydentate Nitrogen Ligands, Evidence of a Dissociative Mechanism. *Chemische Berichte*, **1996**, 129, 589-594 41
- 162 Selective lithiation of bis(azol-1-yl)methanes. *Journal of the Chemical Society Perkin Transactions 1*, **1993**, 1079-1083 41
- 161 Solvent-free preparation of tris-pyrazolyl-1,3,5-triazines. *Tetrahedron*, **2001**, 57, 4397-4403 2.4 39
- 160 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
- 159 Microwave assisted synthesis and crystal structures of 2-imidazolines and imidazoles. *Tetrahedron*, **2006**, 62, 5868-5874 2.4 38
- 158 Electroactive 3?-(N-phenylpyrazolyl)isoxazoline[4?,5?:1,2][60]fullerene dyads. *Tetrahedron Letters*, **1999**, 40, 4889-4892 2 38
- 157 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
- 156 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
- 155 Computational calculations in microwave-assisted organic synthesis (MAOS). Application to cycloaddition reactions. *Organic and Biomolecular Chemistry*, **2010**, 8, 1000-9 3.9 32
- 154 Solvent-Free Benzylations of 2-Pyridone. RegiospecificN- orC-Alkylation. *Chemistry Letters*, **1996**, 25, 333-334 1.7 32
- 153 Synthesis and spectroscopic studies of ruthenium complexes with poly(pyrazol-1-yl) methane ligands. Crystal structure of [RuCl(cod)(tpzm)]Cl[EtOH [cod = cycloocta-1,5-diene, tpzm = tris(pyrazol-1-yl)methane]. *Journal of the Chemical Society Dalton Transactions*, **1993**, 1935-1939 32
- 152 1,3-Dipolar Cycloadditions of Pyridinium Dicyanomethylide under Microwave Irradiation. *Heterocycles*, **1994**, 38, 785 0.8 32

151	Preparation of α - and β -substituted alanine derivatives by α -amidoalkylation or Michael addition reactions under heterogeneous catalysis assisted by microwave irradiation. <i>Tetrahedron</i> , 2001 , 57, 5421-5428	2.4	31
150	Microwave assisted synthesis of heterocyclic fused quinones in dry media. <i>Tetrahedron Letters</i> , 1995 , 36, 2165-2168	2	31
149	First Example of Alkyl Aryl Negishi Cross-Coupling in Flow: Mild, Efficient and Clean Introduction of Functionalized Alkyl Groups. <i>Journal of Flow Chemistry</i> , 2015 , 4, 22-25	3.3	30
148	Diels-Alder cycloaddition of vinylpyrazoles. Synergy between microwave irradiation and solvent-free conditions. <i>Tetrahedron</i> , 1996 , 52, 9237-9248	2.4	30
147	Phase transfer catalysis without solvent: selective mono- or di-alkylation of malononitrile. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991 , 2589-2592		30
146	DFT studies on cobalt-catalyzed cyclotrimerization reactions: the mechanism and origin of reaction improvement under microwave irradiation. <i>Chemistry - A European Journal</i> , 2012 , 18, 6217-24	4.8	29
145	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. <i>Inorganic Chemistry</i> , 2003 , 42, 885-95	5.1	29
144	Photoinduced Palladium-Catalyzed Negishi Cross-Couplings Enabled by the Visible-Light Absorption of Palladium-Zinc Complexes. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13231-13236	16.4	29
143	Reformatsky and Blaise reactions in flow as a tool for drug discovery. One pot diversity oriented synthesis of valuable intermediates and heterocycles. <i>Green Chemistry</i> , 2017 , 19, 1420-1424	10	28
142	A methylene bridge as protecting group. 1. Selective preparation of 4-alkyl-1,2,4-triazoles. <i>Tetrahedron</i> , 1997 , 53, 2253-2260	2.4	28
141	1,3-Dipolar Cycloaddition of Nitriles under Microwave Irradiation in Solvent-Free Conditions. <i>Heterocycles</i> , 1996 , 43, 1021	0.8	28
140	The organic chemistry of poly(1 H -pyrazol-1-yl)methanes. <i>Coordination Chemistry Reviews</i> , 2017 , 339, 153-182	23.2	27
139	Tandem Diels-Alder Aromatization Reactions of Furans under Unconventional Reaction Conditions [Experimental and Theoretical Studies. <i>European Journal of Organic Chemistry</i> , 2001 , 2001, 2891	3.2	27
138	Synthesis of N-Alkylpyrazoles by Phase Transfer Catalysis Without Solvent Without Solvent. <i>Synthetic Communications</i> , 1990 , 20, 2849-2853	1.7	27
137	Selectivity under microwave irradiation. Benzylation of 2-pyridone: an experimental and theoretical study. <i>Tetrahedron</i> , 2008 , 64, 8169-8176	2.4	23
136	Recyclable supported catalysts in microwave-assisted reactions: first Diels-Alder cycloaddition of a triazole ring. <i>Tetrahedron Letters</i> , 2006 , 47, 8761-8764	2	23
135	Facial Selectivity in Cycloadditions of a Chiral Ketene Acetal under Microwave Irradiation in Solvent-Free Conditions. Configurational Assignment of the Cycloadducts by NOESY Experiments and Molecular Mechanics Calculations. <i>Journal of Organic Chemistry</i> , 1995 , 60, 4160-4166	4.2	23
134	Grignard Reagents on a Tab: Direct Magnesium Insertion under Flow Conditions. <i>Organic Letters</i> , 2017 , 19, 3747-3750	6.2	22

133	Application of flow chemistry to the reduction of nitriles to aldehydes. <i>Tetrahedron Letters</i> , 2011 , 52, 6058-6060	2	22
132	Review on Non-Thermal Effects of Microwave Irradiation in Organic Synthesis. <i>Journal of Microwave Power and Electromagnetic Energy</i> , 2006 , 41, 45-66	1.4	22
131	Use of different microporous and mesoporous materials as catalyst in the Diels-Alder and retro-Diels-Alder reaction between cyclopentadiene and p-benzoquinone. Activity of Al-, Ti- and Sn-doped silica. <i>Journal of Molecular Catalysis A</i> , 2005 , 240, 16-21		22
130	Determination of Kinetic Parameters within a Single Nonisothermal On-Flow Experiment by Nanoliter NMR Spectroscopy. <i>Analytical Chemistry</i> , 2015 , 87, 10547-55	7.8	21
129	Versatile microwave-induced reactions for the multiple functionalization of carbon nanotubes. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 1936-42	3.9	21
128	Multiple Hydrogen Bonds in the Self-Assembly of Aminotriazine and Glutarimide. Decisive Role of the Triazine Substituents. <i>Crystal Growth and Design</i> , 2008 , 8, 1585-1594	3.5	21
127	First Diels-Alder Reaction of Pyrazolyl Imines under Microwave Irradiation. <i>Synlett</i> , 1998 , 1998, 1069-1070	2	21
126	Ultrasound and Phase-Transfer Catalysis without Solvent in Elimination Reactions: Synthesis of Cyclic Ketene Acetals. <i>Synlett</i> , 1992 , 1992, 893-894	2.2	21
125	A study on the phase transfer catalysed Michael addition. <i>Tetrahedron</i> , 1998 , 54, 1835-1844	2.4	20
124	The importance of the linking bridge in donor- π -acceptor electroactive dyads. <i>New Journal of Chemistry</i> , 2002 , 26, 76-80	3.6	20
123	"In silico" mechanistic studies as predictive tools in microwave-assisted organic synthesis. <i>Organic and Biomolecular Chemistry</i> , 2011 , 9, 2371-7	3.9	19
122	Microwave-Assisted Synthesis and Dynamic Behaviour of N2,N4,N6-Tris(1H-pyrazolyl)-1,3,5-triazine-2,4,6-triamines. <i>QSAR and Combinatorial Science</i> , 2005 , 24, 649-659		19
121	The effect of focused microwaves on the reaction of ethyl N-trichloroethylidene carbamate with pyrazole derivatives. <i>Tetrahedron</i> , 1999 , 55, 9623-9630	2.4	19
120	Cycloadditions of ketene acetals under microwave irradiation in solvent-free conditions. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994 , 3595-3598		19
119	Selectivity Under the Action of Microwave Irradiation	219-277	19
118	Application of Flow Chemistry to the Selective Reduction of Esters to Aldehydes. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 260-263	3.2	18
117	Selective Allylation and Propargylation of Azoles by Phase Transfer Catalysis in the Absence of Solvent. <i>Heterocycles</i> , 1994 , 38, 1367	0.8	18
116	Alkylation of Imidazole by Solid-Liquid Phase Transfer Catalysis in the Absence of Solvent. <i>Synthetic Communications</i> , 1993 , 23, 1783-1786	1.7	18

115	Mechanical Processing of Naturally Bent Organic Crystalline Microoptical Waveguides and Junctions. <i>Small</i> , 2021 , 17, e2006795	11	18
114	Regioselectivity and diastereoselectivity in the phase transfer catalysed Michael addition of 2-phenylcyclohexanone. <i>Tetrahedron Letters</i> , 1997 , 38, 2359-2362	2	17
113	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. <i>Synlett</i> , 2004 , 2004, 1259-1263	2.2	17
112	Reactivity of 3-Styrylchromones as Dienes in Diels-Alder Reactions under Microwave Irradiation: A New Synthesis of Xanthenes. <i>European Journal of Organic Chemistry</i> , 2005 , 2005, 2973-2986	3.2	17
111	Preparation of Racemic and Enantiomerically Pure Cyclic Ketene Acetals. <i>Synthetic Communications</i> , 1993 , 23, 1935-1942	1.7	17
110	The issue of molecular radiators in microwave-assisted reactions. Computational calculations on ring closing metathesis (RCM). <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 2436-45	3.9	16
109	Nonthermal Effects of Microwaves in Organic Synthesis 2013 , 127-207		16
108	Understanding MAOS through computational chemistry. <i>Chemical Society Reviews</i> , 2017 , 46, 431-451	58.5	16
107	Review on non-thermal effects of microwave irradiation in organic synthesis. <i>Journal of Microwave Power and Electromagnetic Energy</i> , 2007 , 41, 44-64	1.4	16
106	Reproducibility and scalability of solvent-free microwave-assisted reactions: from domestic ovens to controllable parallel applications. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2007 , 10, 163-9	1.3	15
105	Continuous-Flow Microliter Microwave Irradiation in the Synthesis of Isoxazole Derivatives: An Optimization Procedure. <i>Synthesis</i> , 2012 , 44, 2527-2530	2.9	14
104	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. <i>Synlett</i> , 2001 , 2001, 0753-0756	2.2	14
103	Selective alkylation of pyrrole by phase transfer catalysis in the absence of solvent. <i>Journal of Heterocyclic Chemistry</i> , 1994 , 31, 1715-1717	1.9	14
102	First Example of a Continuous-Flow Carbonylation Reaction Using Aryl Formates as CO Precursors. <i>Journal of Flow Chemistry</i> , 2014 , 4, 105-109	3.3	13
101	N-Arylation of Pyrrolidino[3?,4?:1,2][60]fullerene: Synthesis under Solvent-Free Conditions and Electrochemistry of New C60-Acceptor Dyads. <i>European Journal of Organic Chemistry</i> , 1999 , 1999, 3433-3436	3.3	13
100	Phase Transfer Catalysis without Solvent. Use of Alkyl Iodides. <i>Synthetic Communications</i> , 1989 , 19, 293-296		13
99	Illumination of Nanoliter-NMR Spectroscopy Chips for Real-Time Photochemical Reaction Monitoring. <i>Analytical Chemistry</i> , 2018 , 90, 1542-1546	7.8	12
98	Microwave-assisted selective and efficient synthesis of 1,3,5-triazinyl mono and bisureas. <i>Tetrahedron</i> , 2014 , 70, 1733-1739	2.4	12

97	Sustainable and efficient methodology for CLA synthesis and identification. <i>Green Chemistry</i> , 2012 , 14, 2584	10	12
96	The Unusual Transformation of an Aromatic 1H-Imidazole into a Non-Aromatic 2H-Imidazole. <i>Structural Chemistry</i> , 2005 , 16, 485-490	1.8	12
95	Solid-Liquid Phase-Transfer Catalysis I. Benzylolation of Malononitrile. <i>Synthesis</i> , 1989 , 1989, 391-393	2.9	12
94	CHAPTER 1: Microwave-Assisted Green Organic Synthesis. <i>RSC Green Chemistry</i> , 1-33	0.9	12
93	Microwave-assisted selective synthesis of mono- and bistriazines with π -conjugated spacers and study of the optoelectronic properties. <i>Journal of Organic Chemistry</i> , 2014 , 79, 4909-19	4.2	11
92	Unexpected double benzylation of acetophenone under phase transfer catalysis conditions. Acidity or π -interaction effect?. <i>Tetrahedron</i> , 1997 , 53, 3659-3668	2.4	11
91	Carbon-13 NMR spectra of imidazole 1-oxides. Comparison with the parent imidazoles. <i>Magnetic Resonance in Chemistry</i> , 1998 , 36, 296-299	2.1	11
90	Strained π -systems as hydrogen bond acceptors: the case of benzyne. <i>Chemical Physics Letters</i> , 2001 , 350, 325-330	2.5	11
89	Diels-Alder Cycloaddition of 4,6-Dimethyl-1,2,3-triazine with Enamines, or their Precursors, under Microwave Irradiation. <i>Synlett</i> , 2001 , 2001, 0236-0237	2.2	11
88	NMR studies in the heterocyclic series. XXXII. Carbon-13 NMR study of N-arylpyrazoles and N-arylpyrazolium salts. <i>Magnetic Resonance in Chemistry</i> , 1989 , 27, 603-606	2.1	11
87	Visible-Light-Induced Nickel-Catalyzed Negishi Cross-Couplings by Exogenous-Photosensitizer-Free Photocatalysis. <i>Angewandte Chemie</i> , 2018 , 130, 8609-8613	3.6	10
86	Microwave-assisted synthesis of pyrazolyl bistriazines. <i>Tetrahedron</i> , 2010 , 66, 121-127	2.4	10
85	A complete model for the prediction of ^1H - and ^{13}C -NMR chemical shifts and torsional angles in phenyl-substituted pyrazoles. <i>Tetrahedron</i> , 2001 , 57, 4179-4187	2.4	10
84	Determination of syn/anti Isomerism in DCNQI Derivatives by 2D Exchange Spectroscopy: Theoretical Underpinning. <i>European Journal of Organic Chemistry</i> , 2000 , 2000, 2407-2415	3.2	10
83	Synthesis of imidazole 1-oxides from 1,2-diimines. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2467-2470		10
82	Solid-liquid phase-transfer catalysis without solvent: selective mono- and di-alkylation of benzyl methyl ketone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992 , 2427-2430		10
81	Influence of polarity on the scalability and reproducibility of solvent-free microwave-assisted reactions. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011 , 14, 109-16	1.3	9
80	Electrochemical synthesis and spectroelectrochemical characterization of triazole/thiophene conjugated polymers. <i>Electrochimica Acta</i> , 2011 , 58, 215-222	6.7	9

79	Acetyl substituted benzenes. Useful cores for the synthesis of dendrimeric polyketones. <i>Tetrahedron Letters</i> , 1997 , 38, 8557-8560	2	9
78	Microwave-assisted synthesis of bipyrazolyls and pyrazolyl-substituted pyrimidines. <i>Tetrahedron</i> , 2007 , 63, 748-753	2.4	9
77	The Structure of N1-Hydroxylophine N3-Oxide (=1-Hydroxy-2,4,5- triphenyl-1H-imidazole 3-Oxide) in the Solid State. <i>Helvetica Chimica Acta</i> , 2003 , 86, 1026-1039	2	9
76	Relation between charge transfer and solvent polarity in fullerene derivatives: NMR studies. <i>Journal of Materials Chemistry</i> , 2002 , 12, 2130-2136		9
75	Selective Alkylation of 2-Pyridone in Solvent-Free Conditions. <i>Synthetic Communications</i> , 1994 , 24, 1057-1063		9
74	Comportement non aromatique d'azoles-I. <i>Tetrahedron</i> , 1983 , 39, 2193-2200	2.4	9
73	Solvent-Free Microwave-Assisted Synthesis of 2,5-Dimethoxyphenylaminotriazines. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 3405-3411	8.3	8
72	Enhancing stereochemical diversity by means of microwave irradiation in the absence of solvent: synthesis of highly substituted nitroproline esters via 1,3-dipolar reactions. <i>Molecular Diversity</i> , 2003 , 7, 175-80	3.1	8
71	Microwave-assisted Cyclocondensation under Solvent-free Conditions: Quinoxaline-2,3-dione. <i>Heterocycles</i> , 2001 , 55, 109	0.8	8
70	Synthesis, X-ray Structure, and Properties of 2-(1-Pyridin-2-yl)benzimidazole. <i>Journal of Physical Chemistry B</i> , 2001 , 105, 12759-12770	3.4	8
69	Synthesis of Imidazole N-Oxides in Solvent-free Conditions. <i>Heterocycles</i> , 1996 , 43, 1465	0.8	8
68	Formation of quaternary carbons through cobalt-catalyzed C(sp)-C(sp) Negishi cross-coupling. <i>Chemical Communications</i> , 2020 , 56, 8210-8213	5.8	7
67	Synthesis of imine-derived triazines with Donor-Acceptor properties. <i>Journal of Cleaner Production</i> , 2016 , 118, 223-228	10.3	7
66	Microwave-Enhanced Reactivity of Non-Activated Dienophiles Towards Pyrazineo-Quinodimethanes. <i>Synlett</i> , 2002 , 2002, 2037-2038	2.2	7
65	Solvent-free synthesis and structural characterization of azolyl-substituted pyrimidines. <i>New Journal of Chemistry</i> , 2002 , 26, 926-932	3.6	7
64	Synthesis of 4-hydroxylamino-1-azabuta-1,3-dienes and their cyclization to 2-substituted pyrazole 1-oxides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995 , 2773		7
63	A spectral numerical model and an experimental investigation on radial microwave irradiation of water and ethanol in a cylindrical vessel. <i>Applied Mathematical Modelling</i> , 2019 , 66, 680-694	4.5	7
62	Photoinduced Palladium-Catalyzed Negishi Cross-Couplings Enabled by the Visible-Light Absorption of Palladium-Zinc Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 13415-13420	3.6	7

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