

# Frdric Lamaty

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/8240986/frederic-lamaty-publications-by-year.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143 papers	5,038 citations	41 h-index	64 g-index
172 ext. papers	5,565 ext. citations	6.6 avg, IF	5.74 L-index

#	Paper	IF	Citations
143	Overcoming undesirable hERG affinity by incorporating fluorine atoms: A case of MAO-B inhibitors derived from 1H-pyrrolo-[3,2-c]quinolines.. <i>European Journal of Medicinal Chemistry</i> , <b>2022</b> , 236, 114329	6.8	2
142	Simple and Rapid Mechanochemical Synthesis of Lactide and 3S-(Isobutyl)morpholine-2,5-dione-Based Random Copolymers Using DBU and Thiourea.. <i>ACS Macro Letters</i> , <b>2021</b> , 10, 1454-1459	6.6	2
141	2-Phenyl-1-pyrrole-3-carboxamide as a New Scaffold for Developing 5-HT Receptor Inverse Agonists with Cognition-Enhancing Activity. <i>ACS Chemical Neuroscience</i> , <b>2021</b> , 12, 1228-1240	5.7	3
140	Design, Sustainable Synthesis and Biological Evaluation of a Novel Dual 5-HT <sub>2A</sub> /5-HT <sub>7</sub> Receptor Antagonist with Antidepressant-Like Properties. <i>Molecules</i> , <b>2021</b> , 26,	4.8	2
139	Synthesis, characterisation and cytotoxic activity evaluation of new metal-salen complexes based on the 1,2-bicyclo[2.2.2]octane bridge. <i>Tetrahedron Letters</i> , <b>2021</b> , 63, 152706	2	9
138	Expedient synthesis of NO <sub>x</sub> -Heterocyclic Carbenes (NOHC) ligands and metal complexes using mechanochemistry. <i>Journal of Organometallic Chemistry</i> , <b>2021</b> , 949, 121914	2.3	5
137	Structure-Based Design and Optimization of FPPQ, a Dual-Acting 5-HT and 5-HT Receptor Antagonist with Antipsychotic and Procognitive Properties. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 13279-13298	8.3	3
136	Neuropathic pain-alleviating activity of novel 5-HT receptor inverse agonists derived from 2-aryl-1H-pyrrole-3-carboxamide. <i>Bioorganic Chemistry</i> , <b>2021</b> , 115, 105218	5.1	2
135	mTOR activation by constitutively active serotonin <sub>6</sub> receptors as new paradigm in neuropathic pain and its treatment. <i>Progress in Neurobiology</i> , <b>2020</b> , 193, 101846	10.9	9
134	Mechanosynthesis of Noels-type NHC-Ruthenium Complexes and Applications in Ring-Opening Metathesis Polymerization. <i>Organometallics</i> , <b>2020</b> , 39, 636-639	3.8	13
133	Efficient CO <sub>2</sub> Sequestration by a Solid-Gas Reaction Enabled by Mechanochemistry: The Case of L-Lysine. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 13159-13166	8.3	13
132	Sustainable Synthesis of a Potent and Selective 5-HT Receptor Antagonist Using a Mechanochemical Approach. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 10958-10965	4.2	12
131	Green approaches for the synthesis of nucleotides, their conjugates and analogues. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2020</b> , 195, 930-931	1	2
130	Solving the challenging synthesis of highly cytotoxic silver complexes bearing sterically hindered NHC ligands with mechanochemistry. <i>Dalton Transactions</i> , <b>2020</b> , 49, 12592-12598	4.3	8
129	Hexacoppergermesesquioxanes as complexes with N-ligands: Synthesis, structure and catalytic properties. <i>Journal of Organometallic Chemistry</i> , <b>2019</b> , 884, 17-28	2.3	16
128	Alternative Technologies That Facilitate Access to Discrete Metal Complexes. <i>Chemical Reviews</i> , <b>2019</b> , 119, 7529-7609	68.1	54
127	Dual 5-HT and D Receptor Antagonists in a Group of 1-Pyrrolo[3,2-]quinolines with Neuroprotective and Procognitive Activity. <i>ACS Chemical Neuroscience</i> , <b>2019</b> , 10, 3183-3196	5.7	15

126	Mechanosynthesis of sydnone-containing coordination complexes. <i>Chemical Communications</i> , <b>2019</b> , 55, 9495-9498	5.8	11
125	Association of liquid-assisted grinding with aging accelerates the inherently slow slipping-on of a dibenzo-24-crown-8 over the -hydroxysuccinimide ester of an ammonium-containing thread.. <i>RSC Advances</i> , <b>2019</b> , 9, 21587-21590	3.7	11
124	Coordination complexes involving sydnones as ligands. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15753-15761	4.3	8
123	Synthesis of new bipyridine N,N'-dioxides and their application in asymmetric allylation of benzaldehyde and aldol addition to acetophenone. <i>Monatshefte Für Chemie</i> , <b>2019</b> , 150, 29-48	1.4	4
122	Straightforward Ball-Milling Access to Dinucleoside 5'-5'-Polyphosphates via Phosphorimidazolid Intermediates. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 2477-2481	4.8	14
121	A more sustainable and efficient access to IMesHCl and IPrHCl by ball-milling. <i>Green Chemistry</i> , <b>2018</b> , 20, 964-968	10	15
120	Heptanuclear FeCu-Phenylgermesesquioxane containing 2,2'-Bipyridine: Synthesis, Structure, and Catalytic Activity in Oxidation of C-H Compounds. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 528-534	5.1	21
119	A new "bicycle helmet"-like copper(ii),sodiumphenylsilsesquioxane. Synthesis, structure and catalytic activity. <i>Dalton Transactions</i> , <b>2018</b> , 47, 15666-15669	4.3	13
118	Cu <sub>42</sub> Ge <sub>24</sub> Na <sub>4</sub> A Giant Trimetallic Sesquioxane Cage: Synthesis, Structure, and Catalytic Activity. <i>Catalysts</i> , <b>2018</b> , 8, 484	4	11
117	Peptide Couplings by Reactive Extrusion: Solid-Tolerant and Free from Carcinogenic, Mutagenic and Reprotoxic Chemicals. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 16001-16004	8.3	31
116	High-Cluster (Cu) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11524-11529	5.1	28
115	Synthesis of a Bolm@ 2,2'-Bipyridine Ligand Analogue and Its Applications. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2869-2878	5.6	8
114	N-Acyl Benzotriazole Derivatives for the Synthesis of Dipeptides and Tripeptides and Peptide Biotinylation by Mechanochemistry. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 2936-2941	8.3	29
113	Continuous flow ring-closing metathesis, an environmentally-friendly route to 2,5-dihydro-1H-pyrrole-3-carboxylates. <i>Green Chemistry</i> , <b>2017</b> , 19, 1647-1652	10	19
112	Recent Advances in the Synthesis of Hydantoins: The State of the Art of a Valuable Scaffold. <i>Chemical Reviews</i> , <b>2017</b> , 117, 13757-13809	68.1	94
111	Synthesis and post-synthetic modification of UiO-67 type metal-organic frameworks by mechanochemistry. <i>Materials Letters</i> , <b>2017</b> , 197, 171-174	3.3	26
110	Mechanochemistry for facilitated access to N,N-diaryl NHC metal complexes. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 1057-1063	3.6	27
109	1,1'-Carbonyldiimidazole and Mechanochemistry: A Shining Green Combination. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 9599-9602	8.3	51

108	Poly(ethylene glycol)s as grinding additives in the mechanochemical preparation of highly functionalized 3,5-disubstituted hydantoins. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 19-25	2.5	21
107	Peptide synthesis: ball-milling, in solution, or on solid support, what is the best strategy?. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 2087-2093	2.5	41
106	A3-Coupling Reaction and [Ag(IPr) <sub>2</sub> ]PF <sub>6</sub> : A Successful Couple. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 4642-4647	3.2	16
105	Ionic Complexes of Tetra- and Nonanuclear Cage Copper(II) Phenylsilsesquioxanes: Synthesis and High Activity in Oxidative Catalysis. <i>ChemCatChem</i> , <b>2017</b> , 9, 4437-4447	5.2	27
104	SiCuN Cage Hexacoppersilsesquioxanes Containing N Ligands: Synthesis, Structure, and High Catalytic Activity in Peroxide Oxidations. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 15026-15040	5.1	28
103	Cu(0), O and mechanical forces: a saving combination for efficient production of Cu-NHC complexes. <i>Chemical Science</i> , <b>2017</b> , 8, 1086-1089	9.4	49
102	A mechanochemical approach to access the proline-proline diketopiperazine framework. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 2169-2178	2.5	11
101	High Catalytic Activity of Heterometallic (Fe <sub>6</sub> Na <sub>7</sub> and Fe <sub>6</sub> Na <sub>6</sub> ) Cage Silsesquioxanes in Oxidations with Peroxides. <i>Catalysts</i> , <b>2017</b> , 7, 101	4	32
100	Peptide Mechanosynthesis by Direct Coupling of N-Protected $\alpha$ -Amino Acids with Amino Esters. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 3505-3508	3.2	41
99	Unraveling the synthesis of homoleptic [Ag(N,N-diaryl-NHC)] <sub>Y</sub> (Y = BF <sub>4</sub> , PF <sub>6</sub> ) complexes by ball-milling. <i>Dalton Transactions</i> , <b>2016</b> , 45, 17859-17866	4.3	22
98	Cage-like Fe <sub>6</sub> Na <sub>6</sub> -Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15360-15363	16.4	31
97	Cage-like Fe <sub>6</sub> Na <sub>6</sub> -Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 15586-15589	3.6	1
96	A Ruthenium Complex-Catalyzed Cyclotrimerization of Halodiyne with Nitriles. Synthesis of 2- and 3-Halopyridines. <i>Advanced Synthesis and Catalysis</i> , <b>2016</b> , 358, 1916-1923	5.6	24
95	A heterometallic (Fe <sub>6</sub> Na <sub>8</sub> ) cage-like silsesquioxane: synthesis, structure, spin glass behavior and high catalytic activity. <i>RSC Advances</i> , <b>2016</b> , 6, 48165-48180	3.7	48
94	Novel 1H-Pyrrolo[3,2-c]quinoline Based 5-HT <sub>6</sub> Receptor Antagonists with Potential Application for the Treatment of Cognitive Disorders Associated with Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , <b>2016</b> , 7, 972-83	5.7	42
93	Mechanochemical Preparation of 3,5-Disubstituted Hydantoins from Dipeptides and Unsymmetrical Ureas of Amino Acid Derivatives. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 9802-9809	4.2	23
92	Application of the ring-closing metathesis to the formation of 2-aryl-1H-pyrrole-3-carboxylates as building blocks for biologically active compounds. <i>Tetrahedron</i> , <b>2016</b> , 72, 7462-7469	2.4	10
91	Phosphite ligands in Ru-based olefin metathesis catalysts. <i>Monatshefte für Chemie</i> , <b>2015</b> , 146, 1043-1052	1.4	14

90	Cage-like copper(II) silsesquioxanes: transmetalation reactions and structural, quantum chemical, and catalytic studies. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 8758-70	4.8	59
89	Mechanochemical 1,1?-Carbonyldiimidazole-Mediated Synthesis of Carbamates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 2882-2889	8.3	42
88	Copper-Containing Rod-Shaped Nanosized Silica Particles for Microwave-Assisted Synthesis of Triazoles in Aqueous Solution. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 2516-2525	8.3	15
87	Iron/Caffeine as a Catalytic System for Microwave-Promoted Benzamide Formation. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 417-422	3.2	17
86	Faster and cleaner dynamic kinetic resolution via mechanochemistry. <i>Green Chemistry</i> , <b>2015</b> , 17, 204-208	10	18
85	Comprehensive study of the organic-solvent-free CDI-mediated acylation of various nucleophiles by mechanochemistry. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 12787-96	4.8	48
84	Expedient Mechanochemistry of N,N-Dialkyl Imidazoliums and Silver(I)-Carbene Complexes in a Ball-Mill. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 17614-7	4.8	33
83	Ultrasounds in melted poly(ethylene glycol) promote copper-catalyzed cyanation of aryl halides with K(4)[Fe(CN)(6)]. <i>ChemSusChem</i> , <b>2014</b> , 7, 919-24	8.3	13
82	Micelles into Glycerol Solvent: Overcoming Side Reactions of Glycerol. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2014</b> , 2, 1353-1358	8.3	17
81	Solventless mechanochemistry of N-protected amino esters. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 4008-17	4.17	27
80	Synthesis of novel multi-cationic PEG-based ionic liquids. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 6133-6138	3.6	6
79	Mechanochemical preparation of hydantoins from amino esters: application to the synthesis of the antiepileptic drug phenytoin. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 10132-42	4.2	79
78	Iron-catalyzed benzamide formation. Application to the synthesis of moclobemide. <i>Tetrahedron</i> , <b>2014</b> , 70, 5093-5099	2.4	33
77	Poly(ethylene glycol)-based ionic liquids: properties and uses as alternative solvents in organic synthesis and catalysis. <i>ChemSusChem</i> , <b>2014</b> , 7, 45-65	8.3	43
76	Copper-catalyzed amination in the synthesis of polyoxadiazine derivatives of aza- and diazacrown ethers. <i>Macrocyclics</i> , <b>2014</b> , 7, 358-364	2.2	2
75	Synthesis of pyrrolin-4-ones by Pt-catalyzed cycloisomerization in PEG under microwaves. <i>Journal of Organic Chemistry</i> , <b>2013</b> , 78, 2698-702	4.2	24
74	Poly(ethylene glycol) as a reaction matrix in platinum- or gold-catalyzed cycloisomerization: a mechanistic investigation. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 3817-21	4.8	16
73	Environmentally benign peptide synthesis using liquid-assisted ball-milling: application to the synthesis of Leu-enkephalin. <i>Green Chemistry</i> , <b>2013</b> , 15, 1116	10	113

72	Palladium N-Heterocyclic Carbene Catalysts for the Ultrasound-Promoted SuzukiMiyaura Reaction in Glycerol. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 1107-1116	5.6	33
71	Solventless Synthesis of N-Protected Amino Acids in a Ball Mill. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2013</b> , 1, 1186-1191	8.3	39
70	Ring-closing metathesis in aqueous micellar medium. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 760-4	4.8	17
69	PEG as an alternative reaction medium in metal-mediated transformations. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 2893-2920	23.2	86
68	Comprehensive study on olefin metathesis in PEG as an alternative solvent under microwave irradiation. <i>Journal of Catalysis</i> , <b>2012</b> , 294, 113-118	7.3	35
67	Preparation of enantioenriched iodinated pyrrolinones by iodocyclization of $\alpha$ -amino-ynones. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 9085-9	3.9	16
66	Alternative Energy Input for Transfer Hydrogenation using Iridium NHC Based Catalysts in Glycerol as Hydrogen Donor and Solvent. <i>Organometallics</i> , <b>2012</b> , 31, 3911-3919	3.8	80
65	Poly(ethylene glycol) as reaction medium for mild Mizoroki-Heck reaction in a ball-mill. <i>Chemical Communications</i> , <b>2012</b> , 48, 11778-80	5.8	79
64	Copper-Catalyzed Direct Synthesis of Benzamides from Alcohols and Amines. <i>ChemCatChem</i> , <b>2012</b> , 4, 1922-1925	5.2	53
63	Mechanosynthesis of amides in the total absence of organic solvent from reaction to product recovery. <i>Chemical Communications</i> , <b>2012</b> , 48, 11781-3	5.8	77
62	The Negishi Cross-Coupling in the Synthesis of Natural Products and Bioactive Molecules <b>2012</b> , 33-75		3
61	Preparation of chiral amino esters by asymmetric phase-transfer catalyzed alkylations of Schiff bases in a ball mill. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 3773-9	4.8	62
60	Electrophilic Iodo-Mediated Cyclization in PEG under Microwave Irradiation: Easy Access to Highly Functionalized Furans and Pyrroles. <i>Synlett</i> , <b>2012</b> , 23, 1481-1484	2.2	12
59	Synthesis of N-heterocyclic carbene ligands and derived ruthenium olefin metathesis catalysts. <i>Nature Protocols</i> , <b>2011</b> , 6, 69-77	18.8	134
58	Solvent-free synthesis of hydrazones and their subsequent N-alkylation in a Ball-mill. <i>Tetrahedron</i> , <b>2011</b> , 67, 8187-8194	2.4	38
57	Synthesis of C5-tetrazole derivatives of 2-amino-adipic acid displaying NMDA glutamate receptor antagonism. <i>Amino Acids</i> , <b>2011</b> , 40, 913-22	3.5	9
56	cis-Apa: a practical linker for the microwave-assisted preparation of cyclic pseudopeptides via RCM cyclative cleavage. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 766-72	4.2	16
55	Microwave-Assisted Neat Procedure for the Petasis Reaction. <i>Synthesis</i> , <b>2010</b> , 2010, 2063-2068	2.9	7

54	Highly diastereoselective Baldwin rearrangement of isoxazolines into cis-acylaziridines. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 6050-3	4.2	41
53	Ring-closing metathesis in glycerol under microwave activation. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 3935-3937		44
52	Synthesis of a new hydrophilic poly(ethylene glycol)-ionic liquid and its application in peptide synthesis. <i>Chemical Communications</i> , <b>2010</b> , 46, 8842-4	5.8	17
51	Mixed N-heterocyclic carbene/phosphite ruthenium complexes: towards a new generation of olefin metathesis catalysts. <i>Chemical Communications</i> , <b>2010</b> , 46, 7115-7	5.8	77
50	PEG3400-Tu2O3-S2CO3: an efficient and recyclable microwave-enhanced catalytic system for ligand-free Ullmann arylation of indole and benzimidazole. <i>Tetrahedron</i> , <b>2010</b> , 66, 3730-3735	2.4	51
49	Palladium supported on polyether-functionalized mesoporous silica. Synthesis and application as catalyst for Heck coupling reaction. <i>Applied Organometallic Chemistry</i> , <b>2010</b> , 24, 179-183	3.1	14
48	Solvent-free synthesis of unsaturated amino esters in a ball-mill. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 6246-6249		39
47	Solvent-Free Microwave-Assisted Suzuki-Miyaura Coupling Catalyzed by PEPPSI-iPr. <i>Synlett</i> , <b>2009</b> , 2009, 1761-1764	2.2	8
46	Synthesis of Novel Pyrrolo-[3,2-c]quinolines via Iron-Catalyzed Cross-Coupling Reaction of Grignard Reagents. <i>Synthetic Communications</i> , <b>2009</b> , 39, 1583-1591	1.7	13
45	Solvent-Free Synthesis of Peptides. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9482-9485	3.6	32
44	Solvent-free synthesis of peptides. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9318-21	16.4	127
43	aza-Baylis-Hillman reaction. <i>Chemical Reviews</i> , <b>2009</b> , 109, 1-48	68.1	503
42	Selective [3 + 2] Huisgen cycloaddition. Synthesis of trans-disubstituted triazolodiazepines from aza-Baylis-Hillman adducts. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 2004-7	4.2	33
41	Synthesis and characterization of IPr(Me)-containing silver(I), gold(I) and gold(III) complexes. <i>Dalton Transactions</i> , <b>2009</b> , 6967-71	4.3	55
40	Synthesis of a novel pyrrolo-[3,2-c]quinoline N-oxide by aza-Baylis-Hillman adduct of o-nitrobenzaldehyde. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4953-4955	2	17
39	Ruthenium-Indenylidene Complexes: Scope in Cross-Metathesis Transformations. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2959-2966	5.6	44
38	Synthesis and structure of a heterocyclic ansa pyrrole amino acid. <i>Tetrahedron</i> , <b>2008</b> , 64, 3005-3016	2.4	12
37	Solvent-free synthesis of nitrones in a ball-mill. <i>Tetrahedron</i> , <b>2008</b> , 64, 5569-5576	2.4	75



36	Microwave-assisted multi-step synthesis of novel pyrrolo-[3,2-c]quinoline derivatives. <i>Tetrahedron</i> , <b>2008</b> , 64, 5949-5955	2.4	40
35	2-Trimethylsilyl ethanesulfonyl (SES) versus tosyl (Ts) protecting group in the preparation of nitrogen-containing five-membered rings. A novel route for the synthesis of substituted pyrrolines and pyrrolidines. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 1518-21	4.2	30
34	A Microwave-Assisted Heck Reaction in Poly(ethylene glycol) for the Synthesis of Benzazepines. <i>European Journal of Organic Chemistry</i> , <b>2007</b> , 2007, 201-208	3.2	39
33	Efficient synthetic approach to heterocycles possessing the 3,3-disubstituted-2,3-dihydrobenzofuran skeleton via diverse palladium-catalyzed tandem reactions. <i>Tetrahedron</i> , <b>2007</b> , 63, 3340-3349	2.4	46
32	Synthesis of new tetrazole and triazole substituted pyroglutamic acid and proline derivatives. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 805-808	2	16
31	Microwave-assisted solid-phase synthesis of hydantoin derivatives. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 5317-5320	3.8	38
30	Preparation of NHC-Ruthenium complexes and their catalytic activity in metathesis reaction. <i>Coordination Chemistry Reviews</i> , <b>2007</b> , 251, 726-764	23.2	183
29	Microwave-Assisted Copper-Catalyzed Sonogashira Reaction in PEG Solvent. <i>Synlett</i> , <b>2007</b> , 2007, 1279-1283	5	5
28	Microwave-Assisted Copper-Catalyzed Heck Reaction in PEG Solvent. <i>Synlett</i> , <b>2006</b> , 2006, 3029-3032	2.2	2
27	2-(Trimethylsilyl)ethanesulfonyl (or SES) group in amine protection and activation. <i>Chemical Reviews</i> , <b>2006</b> , 106, 2249-69	68.1	41
26	Synthesis of novel poly(ethylene glycol) supported benzazepines: the crucial role of PEG on the selectivity of an intramolecular Heck reaction. <i>Tetrahedron</i> , <b>2006</b> , 62, 10456-10466	2.4	43
25	MALDI-TOF MS analysis of soluble PEG based multi-step synthetic reaction mixtures with automated detection of reaction failure. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2005</b> , 16, 670-8	3.5	15
24	Synthesis of New Tetrazole-Substituted Pyroaminoadipic and Pipecolic Acid Derivatives. <i>European Journal of Organic Chemistry</i> , <b>2005</b> , 2005, 326-333	3.2	19
23	Microwave-assisted aza-Baylis-Hillman Reaction. Preparation of Poly(ethylene Glycol) Supported $\beta$ -methylene- $\beta$ -Aminoester. <i>QSAR and Combinatorial Science</i> , <b>2004</b> , 23, 911-914	19	19
22	A new key intermediate in the synthesis of 6-oxopiperidine-2-carboxylate derivatives. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2004</b> , 60, o1038-o1039		
21	Synthesis of new triazole substituted pyroaminoadipic and pipecolic acid derivatives. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 8905-8907	2	13
20	Preparation of poly(ethylene glycol) sulfonamide: synthesis of N-supported beta-aminoesters via the aza-Baylis-Hillman reaction. <i>ACS Combinatorial Science</i> , <b>2004</b> , 6, 464-7	25	25
19	Sequential aza-Baylis-Hillman/ring closing metathesis/aromatization as a novel route for the synthesis of substituted pyrroles. <i>Journal of Organic Chemistry</i> , <b>2004</b> , 69, 8372-81	4.2	88



18	Palladium-catalyzed cascade allylation/carbopalladation/cross coupling: a novel three-component reaction for the synthesis of 3,3-disubstituted-2,3-dihydrobenzofurans. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 8657-8659	2	36
17	New Soluble-Polymer Bound Ruthenium Carbene Catalysts: Synthesis, Characterization, and Application to Ring-Closing Metathesis. <i>Organometallics</i> , <b>2003</b> , 22, 2426-2435	3.8	90
16	Cyclic RGD peptide by ring-closing metathesis. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 3765-3767	2	11
15	Highly selective intermolecular Heck reaction for the soluble polymer supported synthesis of glutamic acid analogues. <i>Tetrahedron</i> , <b>2001</b> , 57, 9711-9718	2.4	14
14	Poly(ethylene glycol) as solvent and polymer support in the microwave assisted parallel synthesis of amino acid derivatives. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 6371-6375	2	43
13	Synthesis of cyclic amino acid derivatives via ring closing metathesis on a poly(ethylene glycol) supported substrate. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 6787-90	4.2	58
12	Synthesis of perhydrodiazepinones as new putative peptidomimetics. <i>Tetrahedron</i> , <b>1999</b> , 55, 4685-4698	2.4	18
11	Convenient introduction of 2-(trimethylsilyl)ethylsulfonyl (SES) amino protection on different amino acids and its use in peptidomimetic chemistry. <i>International Journal of Peptide Research and Therapeutics</i> , <b>1999</b> , 6, 239-242		
10	Polyethylene glycol (PEG) as polymeric support and phase-transfer catalyst in the soluble polymer liquid phase synthesis of amino esters. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 821-824	2	36
9	Synthesis of new perhydro-(1,4)-diazepin-2-ones as constrained peptidomimetics. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 2099-2102	2	7
8	Efficient synthesis of bromoacetylated wang resin. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 3469-3470	2	10
7	Efficient synthesis of functionalized N-aryl aminoesters via reaction of polyfunctional diarylzincs with a glycine cation equivalent. <i>Tetrahedron Letters</i> , <b>1997</b> , 38, 3385-3386	2	9
6	Apparent endo-mode cyclic carbopalladation with inversion of alkene configuration via exo-mode cyclization-cyclopropanation rearrangement. <i>Journal of the American Chemical Society</i> , <b>1992</b> , 114, 10091-10092	16.4	94
5	Effects of organometals on the palladium-catalyzed tandem carbopalladation-cross coupling for preparing stereodefined exocyclic alkenes. <i>Tetrahedron Letters</i> , <b>1990</b> , 31, 4393-4396	2	63
4	Zirconocene-promoted stereoselective bicyclization of 1,6- and 1,7-dienes to produce trans-zirconabicyclo[3.3.0]octanes and cis-zirconabicyclo[4.3.0]nonanes. <i>Tetrahedron Letters</i> , <b>1989</b> , 30, 5105-5108	2	121
3	Metal-promoted cyclization. 26. Palladium-catalyzed cyclization of benzyl halides and related electrophiles containing alkenes and alkynes as a novel route to carbocycles. <i>Journal of Organic Chemistry</i> , <b>1989</b> , 54, 2507-2508	4.2	84
2	Sustainable Mechanosynthesis of Biologically Active Molecules. <i>European Journal of Organic Chemistry</i> ,	3.2	4
1	Alternative synthetic approaches for nucleotides and derivatives. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1-4	1	

