

# Frdric Lamaty

## List of Publications by Citations

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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.

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	aza-Baylis-Hillman reaction. <i>Chemical Reviews</i> , <b>2009</b> , 109, 1-48	68.1	503
142	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
141	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
140	Solvent-free synthesis of peptides. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 9318-21	16.4	127
139	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
138	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
137	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
136	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
135	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
134	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
133	PEG as an alternative reaction medium in metal-mediated transformations. <i>Coordination Chemistry Reviews</i> , <b>2012</b> , 256, 2893-2920	23.2	86
132	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
131	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
130	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
129	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
128	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
127	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

126	Solvent-free synthesis of nitrones in a ball-mill. <i>Tetrahedron</i> , <b>2008</b> , 64, 5569-5576	2.4	75
125	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
124	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
123	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
122	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
121	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
120	Alternative Technologies That Facilitate Access to Discrete Metal Complexes. <i>Chemical Reviews</i> , <b>2019</b> , 119, 7529-7609	68.1	54
119	Copper-Catalyzed Direct Synthesis of Benzamides from Alcohols and Amines. <i>ChemCatChem</i> , <b>2012</b> , 4, 1922-1925	5.2	53
118	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
117	PEG3400Cu <sub>2</sub> O <sub>2</sub> S <sub>2</sub> CO <sub>3</sub> : 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
116	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
115	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
114	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
113	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
112	Ring-closing metathesis in glycerol under microwave activation. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 3935-3937		44
111	Ruthenium-Indenylidene Complexes: Scope in Cross-Metathesis Transformations. <i>Advanced Synthesis and Catalysis</i> , <b>2008</b> , 350, 2959-2966	5.6	44
110	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
109	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

108	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
107	Mechanochemical 1,1'-Carbonyldiimidazole-Mediated Synthesis of Carbamates. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2015</b> , 3, 2882-2889	8.3	42
106	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
105	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
104	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
103	Highly diastereoselective Baldwin rearrangement of isoxazolines into cis-acylaziridines. <i>Journal of Organic Chemistry</i> , <b>2010</b> , 75, 6050-3	4.2	41
102	2-(Trimethylsilyl)ethanesulfonyl (or TES) group in amine protection and activation. <i>Chemical Reviews</i> , <b>2006</b> , 106, 2249-69	68.1	41
101	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
100	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
99	Solvent-free synthesis of unsaturated amino esters in a ball-mill. <i>Tetrahedron Letters</i> , <b>2010</b> , 51, 6246-6249		39
98	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
97	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
96	Microwave-assisted solid-phase synthesis of hydantoin derivatives. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 5317-5320	2	38
95	Polyethylene glycol (PEG) as polymeric support and phase-transfer catalyst in the soluble polymer liquid phase synthesis of $\alpha$ -amino esters. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 821-824	2	36
94	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
93	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
92	Iron-catalyzed benzamide formation. Application to the synthesis of moclobemide. <i>Tetrahedron</i> , <b>2014</b> , 70, 5093-5099	2.4	33
91	Expedient Mechanosynthesis 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

90	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
89	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
88	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
87	Solvent-Free Synthesis of Peptides. <i>Angewandte Chemie</i> , <b>2009</b> , 121, 9482-9485	3.6	32
86	Cage-like Fe,Na-Germesquioxanes: Structure, Magnetism, and Catalytic Activity. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 15360-15363	16.4	31
85	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
84	2-Trimethylsilylethanesulfonyl (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
83	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
82	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
81	High-Cluster (Cu) Cage Silsesquioxanes: Synthesis, Structure, and Catalytic Activity. <i>Inorganic Chemistry</i> , <b>2018</b> , 57, 11524-11529	5.1	28
80	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
79	Solventless mechanosynthesis of N-protected amino esters. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 4008-4017	4.1	27
78	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
77	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
76	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
75	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
74	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
73	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

72	Unraveling the synthesis of homoleptic [Ag(N,N-diaryl-NHC)]Y (Y = BF, PF) complexes by ball-milling. <i>Dalton Transactions</i> , <b>2016</b> , 45, 17859-17866	4.3	22
71	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
70	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
69	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
68	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
67	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
66	Faster and cleaner dynamic kinetic resolution via mechanochemistry. <i>Green Chemistry</i> , <b>2015</b> , 17, 204-208	10	18
65	Synthesis of perhydrodiazepinones as new putative peptidomimetics. <i>Tetrahedron</i> , <b>1999</b> , 55, 4685-4698	2.4	18
64	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
63	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
62	Ring-closing metathesis in aqueous micellar medium. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 760-4	4.8	17
61	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
60	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
59	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
58	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
57	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
56	Preparation of enantioenriched iodinated pyrrolinones by iodocyclization of $\beta$ -amino- $\gamma$ -ones. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 9085-9	3.9	16
55	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



54	Synthesis of new tetrazole and triazole substituted pyroglutamic acid and proline derivatives. <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 805-808	2	16
53	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
52	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
51	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
50	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
49	Phosphite ligands in Ru-based olefin metathesis catalysts. <i>Monatshefte für Chemie</i> , <b>2015</b> , 146, 1043-1052	1.4	14
48	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
47	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
46	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
45	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
44	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
43	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
42	Synthesis of new triazole substituted pyroaminoadipic and pipercolic acid derivatives. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 8905-8907	2	13
41	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
40	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
39	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
38	Synthesis and structure of a heterocyclic ansa pyrrole amino acid. <i>Tetrahedron</i> , <b>2008</b> , 64, 3005-3016	2.4	12
37	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

36	Mechanosynthesis of sydnone-containing coordination complexes. <i>Chemical Communications</i> , <b>2019</b> , 55, 9495-9498	5.8	11
35	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
34	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
33	Cyclic RGD peptide by ring-closing metathesis. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 3765-3767	2	11
32	Cu <sub>42</sub> Ge <sub>24</sub> Na <sub>48</sub> Giant Trimetallic Sesquioxane Cage: Synthesis, Structure, and Catalytic Activity. <i>Catalysts</i> , <b>2018</b> , 8, 484	4	11
31	Efficient synthesis of bromoacetylated wang resin. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 3469-3470	2	10
30	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
29	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
28	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
27	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
26	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
25	Solvent-Free Microwave-Assisted Suzuki-Miyaura Coupling Catalyzed by PEPPSI-IPr. <i>Synlett</i> , <b>2009</b> , 2009, 1761-1764	2.2	8
24	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
23	Coordination complexes involving sydnones as ligands. <i>Dalton Transactions</i> , <b>2019</b> , 48, 15753-15761	4.3	8
22	Synthesis of a BolmQ 2,2'-Bipyridine Ligand Analogue and Its Applications. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2869-2878	5.6	8
21	Microwave-Assisted Neat Procedure for the Petasis Reaction. <i>Synthesis</i> , <b>2010</b> , 2010, 2063-2068	2.9	7
20	Synthesis of new perhydro-(1,4)-diazepin-2-ones as constrained peptidomimetics. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 2099-2102	2	7
19	Synthesis of novel multi-cationic PEG-based ionic liquids. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 6133-6138	3.6	6



18	Microwave-Assisted Copper-Catalyzed Sonogashira Reaction in PEG Solvent. <i>Synlett</i> , <b>2007</b> , 2007, 1279-1283	5
17	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
16	Sustainable Mechanochemistry of Biologically Active Molecules. <i>European Journal of Organic Chemistry</i> ,	3.2 4
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