

# Nicholas E Leadbeater

## List of Publications by Citations

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184  
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7,908  
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45  
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84  
g-index

252  
ext. papers

8,449  
ext. citations

4.4  
avg, IF

6.42  
L-index

#	Paper	IF	Citations
184	Preparation of polymer-supported ligands and metal complexes for use in catalysis. <i>Chemical Reviews</i> , <b>2002</b> , 102, 3217-73	68.1	875
183	Fast, easy, clean chemistry by using water as a solvent and microwave heating: the Suzuki coupling as an illustration. <i>Chemical Communications</i> , <b>2005</b> , 2881-902	5.8	351
182	A reassessment of the transition-metal free suzuki-type coupling methodology. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 161-8	4.2	325
181	Ligand-free palladium catalysis of the Suzuki reaction in water using microwave heating. <i>Organic Letters</i> , <b>2002</b> , 4, 2973-6	6.2	287
180	A study of the ionic liquid mediated microwave heating of organic solvents. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 3145-8	4.2	242
179	Palladium-catalyzed decarboxylative coupling of aromatic acids with aryl halides or unactivated arenes using microwave heating. <i>Chemical Communications</i> , <b>2008</b> , 6312-4	5.8	223
178	Suzuki coupling of aryl chlorides with phenylboronic acid in water, using microwave heating with simultaneous cooling. <i>Organic Letters</i> , <b>2005</b> , 7, 2101-4	6.2	223
177	Rapid and amenable suzuki coupling reaction in water using microwave and conventional heating. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 888-92	4.2	216
176	Continuous-Flow Preparation of Biodiesel Using Microwave Heating. <i>Energy &amp; Fuels</i> , <b>2007</b> , 21, 1777-1781	4.781	176
175	Microwave energy: a versatile tool for the biosciences. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 1141-50	3.50	171
174	Transition-metal-free Suzuki-type coupling reactions. <i>Angewandte Chemie - International Edition</i> , <b>2003</b> , 42, 1407-9	16.4	165
173	Transition-metal-free Suzuki-type coupling reactions: scope and limitations of the methodology. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 5660-7	4.2	134
172	Fast, Easy Preparation of Biodiesel Using Microwave Heating. <i>Energy &amp; Fuels</i> , <b>2006</b> , 20, 2281-2283	4.1	129
171	Rapid, easy copper-free Sonogashira couplings using aryl iodides and activated aryl bromides. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 8653-8656	2	109
170	First examples of transition-metal free Sonogashira-type couplings. <i>Organic Letters</i> , <b>2003</b> , 5, 3919-22	6.2	109
169	Microwave-promoted Heck coupling using ultralow metal catalyst concentrations. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 1786-90	4.2	108
168	Trifluoromethyl ketones: properties, preparation, and application. <i>Chemical Communications</i> , <b>2013</b> , 49, 11133-48	5.8	103

167	Rapid, easy cyanation of aryl bromides and chlorides using nickel salts in conjunction with microwave promotion. <i>Journal of Organic Chemistry</i> , <b>2003</b> , 68, 9122-5	4.2	98
166	Approaches for Scale-Up of Microwave-Promoted Reactions. <i>Organic Process Research and Development</i> , <b>2008</b> , 12, 41-57	3.9	94
165	Ligand-free palladium catalysis of aryl coupling reactions facilitated by grinding. <i>Tetrahedron Letters</i> , <b>2003</b> , 44, 765-768	2	90
164	Synthesis of 4-acetamido-2,2,6,6-tetramethylpiperidine-1-oxoammonium tetrafluoroborate and 4-acetamido-(2,2,6,6-tetramethyl-piperidin-1-yl)oxyl and their use in oxidative reactions. <i>Nature Protocols</i> , <b>2013</b> , 8, 666-76	18.8	84
163	Automated batch scale-up of microwave-promoted Suzuki and Heck coupling reactions in water using ultra-low metal catalyst concentrations. <i>Tetrahedron</i> , <b>2005</b> , 61, 9349-9355	2.4	84
162	Microwave-promoted Suzuki coupling reactions with organotrifluoroborates in water using ultra-low catalyst loadings. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 217-220	2	78
161	An assessment of the technique of simultaneous cooling in conjunction with microwave heating for organic synthesis. <i>Tetrahedron</i> , <b>2005</b> , 61, 3565-3585	2.4	76
160	Access to nitriles from aldehydes mediated by an oxoammonium salt. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 4241-5	16.4	73
159	Palladium-catalyzed cyanation of aryl halides using K <sub>4</sub> [Fe(CN) <sub>6</sub> ] as cyanide source, water as solvent, and microwave heating. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 4693-4694	2	72
158	Ionic liquids as reagents and solvents in conjunction with microwave heating: rapid synthesis of alkyl halides from alcohols and nitriles from aryl halides. <i>Tetrahedron</i> , <b>2003</b> , 59, 2253-2258	2.4	70
157	Use of Raman spectroscopy as a tool for in situ monitoring of microwave-promoted reactions. <i>Nature Protocols</i> , <b>2008</b> , 3, 1-7	18.8	66
156	Microwave-promoted organic synthesis using ionic liquids: a mini review. <i>Combinatorial Chemistry and High Throughput Screening</i> , <b>2004</b> , 7, 511-28	1.3	64
155	Ligand-free CuI-catalyzed cyanation of aryl halides using K <sub>4</sub> [Fe(CN) <sub>6</sub> ] as cyanide source and water as solvent. <i>Tetrahedron</i> , <b>2010</b> , 66, 1098-1101	2.4	62
154	Open-Vessel Microwave-Promoted Suzuki Reactions Using Low Levels of Palladium Catalyst: Optimization and Scale-Up. <i>Organic Process Research and Development</i> , <b>2006</b> , 10, 833-837	3.9	60
153	Exploring the Scope for Scale-Up of Organic Chemistry Using a Large Batch Microwave Reactor. <i>Organic Process Research and Development</i> , <b>2010</b> , 14, 205-214	3.9	56
152	A Weinreb amide approach to the synthesis of trifluoromethylketones. <i>Chemical Communications</i> , <b>2012</b> , 48, 9610-2	5.8	55
151	Batch and Continuous-Flow Preparation of Biodiesel Derived from Butanol and Facilitated by Microwave Heating. <i>Energy &amp; Fuels</i> , <b>2008</b> , 22, 2005-2008	4.1	55
150	Direct conversion of aryl halides to phenols using high-temperature or near-critical water and microwave heating. <i>Tetrahedron</i> , <b>2006</b> , 62, 4728-4732	2.4	53

149	Microwave-assisted Mannich-type three-component reactions. <i>Molecular Diversity</i> , <b>2003</b> , 7, 135-44	3.1	53
148	Oxidation of trifluoromethyl alcohols using a recyclable oxoammonium salt. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 8131-41	4.2	52
147	Probing "microwave effects" using Raman spectroscopy. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 3842-6	3.9	52
146	Suzuki aryl couplings mediated by phosphine-free nickel complexes. <i>Tetrahedron</i> , <b>1999</b> , 55, 11889-11894	4.4	52
145	Enlightening organometallic chemistry: the photochemistry of Fe(CO) <sub>5</sub> and the reaction chemistry of unsaturated iron carbonyl fragments. <i>Coordination Chemistry Reviews</i> , <b>1999</b> , 188, 35-70	23.2	51
144	Alkoxy carbonylation of aryl iodides using gaseous carbon monoxide and pre-pressurized reaction vessels in conjunction with microwave heating. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 65-8	3.9	50
143	Continuous-flow, palladium-catalysed alkoxy carbonylation reactions using a prototype reactor in which it is possible to load gas and heat simultaneously. <i>Organic and Biomolecular Chemistry</i> , <b>2011</b> , 9, 6575-8	3.9	49
142	Preparation of a resin-bound arene-ruthenium complex and assessment of its use in enol formate synthesis and olefin cyclopropanation. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 3231-2	4.2	47
141	Scale-Up of Microwave-Promoted Reactions to the Multigram Level Using a Sealed-Vessel Microwave Apparatus. <i>Organic Process Research and Development</i> , <b>2008</b> , 12, 1078-1088	3.9	46
140	Microwave-promoted insertion of Group 10 metals into free base porphyrins and chlorins: scope and limitations. <i>Dalton Transactions</i> , <b>2008</b> , 1341-5	4.3	45
139	Probing the effects of microwave irradiation on enzyme-catalysed organic transformations: the case of lipase-catalysed transesterification reactions. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 1052-5	3.9	45
138	The application of organic bases in microwave-promoted Suzuki coupling reactions in water. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 1909-1912	2	45
137	Continuous Flow Hydrogenation Using an On-Demand Gas Delivery Reactor. <i>Organic Process Research and Development</i> , <b>2012</b> , 16, 1064-1068	3.9	42
136	Microencapsulated VO(acac) <sub>2</sub> : preparation and use in allylic alcohol epoxidation. <i>Organic Letters</i> , <b>2002</b> , 4, 1519-21	6.2	41
135	Preparation of nonsymmetrically substituted stilbenes in a one-pot two-step Heck strategy using ethene as a reagent. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 3854-8	4.2	40
134	Real-time monitoring of microwave-promoted Suzuki coupling reactions using in situ Raman spectroscopy. <i>Organic Letters</i> , <b>2006</b> , 8, 4589-91	6.2	40
133	Palladium and nickel catalysed Suzuki cross-coupling of sterically hindered aryl bromides with phenylboronic acid. <i>Tetrahedron Letters</i> , <b>2000</b> , 41, 2487-2490	2	39
132	Rapid cyanation of aryl iodides in water using microwave promotion. <i>Organic and Biomolecular Chemistry</i> , <b>2003</b> , 1, 1119-21	3.9	38

131	Ligand-Free Suzuki-Miyaura Coupling Reactions Using an Inexpensive Aqueous Palladium Source: A Synthetic and Computational Exercise for the Undergraduate Organic Chemistry Laboratory. <i>Journal of Chemical Education</i> , <b>2014</b> , 91, 1054-1057	2.4	36
130	A Continuous-Flow Approach to Palladium-Catalyzed Alkoxy carbonylation Reactions. <i>Organic Process Research and Development</i> , <b>2011</b> , 15, 717-720	3.9	35
129	Fast, easy, solvent-free, microwave-promoted Michael addition of anilines to $\alpha,\beta$ -unsaturated alkenes: synthesis of N-aryl functionalized $\beta$ -amino esters and acids. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 8583-8586	2.4	35
128	Use of a scientific microwave apparatus for rapid optimization of reaction conditions in a monomode function and then substrate screening in a multimode function. <i>Tetrahedron</i> , <b>2007</b> , 63, 6764-6773	2.4	34
127	Transition-Metal-Free Suzuki-Type Coupling Reactions. <i>Angewandte Chemie</i> , <b>2003</b> , 115, 1445-1447	3.6	34
126	Toward a Unified Mechanism for Oxoammonium Salt-Mediated Oxidation Reactions: A Theoretical and Experimental Study Using a Hydride Transfer Model. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 8150-8157	4.2	33
125	Methylenation of perfluoroalkyl ketones using a Peterson olefination approach. <i>Journal of Organic Chemistry</i> , <b>2014</b> , 79, 1145-55	4.2	33
124	Oxidative esterification of aldehydes using a recyclable oxoammonium salt. <i>Organic Letters</i> , <b>2013</b> , 15, 2222-5	6.2	33
123	Application of a Batch Microwave Unit for Scale-Up of Alkoxy carbonylation Reactions Using a Near-Stoichiometric Loading of Carbon Monoxide. <i>Organic Process Research and Development</i> , <b>2009</b> , 13, 634-637	3.9	33
122	Palladium-catalyzed synthesis of diaryl methanes: exploitation of carbanionic leaving groups. <i>Organic Letters</i> , <b>2009</b> , 11, 2575-8	6.2	33
121	Use of Raman spectroscopy as an in situ tool to obtain kinetic data for organic transformations. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 9943-50	4.8	33
120	Bis-cyclopentadienyl nickel (nickelocene): a convenient starting material for reactions catalyzed by Ni(0) phosphine complexes. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 7539-41	4.2	33
119	An approach for continuous-flow processing of reactions that involve the in situ formation of organic products. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 263-265	2	32
118	Microwave-Promoted Desulfurization of Heavy and Sulfur-Containing Crude Oil. <i>Energy &amp; Fuels</i> , <b>2008</b> , 22, 1836-1839	4.1	32
117	Copper-catalyzed direct preparation of phenols from aryl halides. <i>Catalysis Communications</i> , <b>2010</b> , 12, 64-66	3.2	31
116	Real-time monitoring of microwave-promoted organometallic ligand-substitution reactions using in situ Raman spectroscopy. <i>Chemical Communications</i> , <b>2006</b> , 3615-6	5.8	31
115	A Continuous-Flow Approach to 3,3,3-Trifluoromethylpropenes: Bringing Together Grignard Addition, Peterson Elimination, Inline Extraction, and Solvent Switching. <i>Organic Process Research and Development</i> , <b>2014</b> , 18, 1253-1258	3.9	30
114	Pilot Scale Two-phase Continuous Flow Biodiesel Production via Novel Laminar Flow Reactor Separator. <i>Energy &amp; Fuels</i> , <b>2009</b> , 23, 2750-2756	4.1	30

113	Microwave-Promoted Esterification Reactions: Optimization and Scale-Up. <i>Macromolecular Rapid Communications</i> , <b>2007</b> , 28, 473-477	4.8	30
112	Difference between <sup>1</sup> H NMR signals of primary amide protons as a simple spectral index of the amide intramolecular hydrogen bond strength. <i>Journal of Physical Organic Chemistry</i> , <b>2012</b> , 25, 287-295	2.1	28
111	Raman spectroscopy as a tool for monitoring mesoscale continuous-flow organic synthesis: Equipment interface and assessment in four medically-relevant reactions. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 1843-52	2.5	28
110	Watching microwave-promoted chemistry: reaction monitoring using a digital camera interfaced with a scientific microwave apparatus. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 195-198	2	27
109	Using in situ Raman monitoring as a tool for rapid optimisation and scale-up of microwave-promoted organic synthesis: esterification as an example. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 822-5	3.9	27
108	In situ Raman spectroscopy as a probe for the effect of power on microwave-promoted Suzuki coupling reactions. <i>Organic and Biomolecular Chemistry</i> , <b>2007</b> , 5, 2770-4	3.9	27
107	Preparation of a resin-bound cobalt phosphine complex and assessment of its use in catalytic oxidation and acid anhydride synthesis. <i>Journal of Organic Chemistry</i> , <b>2000</b> , 65, 4770-2	4.2	27
106	Preparation of Ruthenium and Osmium Carbonyl Complexes Using Microwave Heating: Demonstrating the Use of a Gas-Loading Accessory and Real-Time Reaction Monitoring by Means of a Digital Camera. <i>Organometallics</i> , <b>2008</b> , 27, 1254-1258	3.8	26
105	Preparation of a resin-bound ruthenium phosphine complex and assessment of its use in transfer hydrogenation and hydrocarbon oxidation. <i>Journal of Organic Chemistry</i> , <b>2001</b> , 66, 2168-70	4.2	26
104	Testing the validity of microwave-interfaced, in situ Raman spectroscopy as a tool for kinetic studies. <i>Organic Letters</i> , <b>2009</b> , 11, 365-8	6.2	25
103	In situ reaction monitoring of microwave-mediated reactions using IR spectroscopy. <i>Chemical Communications</i> , <b>2010</b> , 46, 6693-5	5.8	24
102	Photochemistry of [Ru <sub>3</sub> (CO) <sub>12</sub> ] with nitrogenheterocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 2511-2516		24
101	Solvent-Free, Open-Vessel Microwave-Promoted Heck Couplings: From the mmol to the mol Scale. <i>Synlett</i> , <b>2006</b> , 2006, 2953-2958	2.2	24
100	Development of catalysts for the Baylis-Hillman reaction: the application of tetramethylguanidine and attempts to use a supported analogue. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , <b>2001</b> , 2831-2835		24
99	The use of Ni(CO) <sub>2</sub> (PPh <sub>3</sub> ) <sub>2</sub> in aryl and pyridyl coupling reactions. <i>Tetrahedron Letters</i> , <b>1999</b> , 40, 4243-4246		24
98	Dalton perspectives. The generation and reactivity of versatile ruthenium carbonyl organometallic intermediates by cluster photochemistry. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 2923		24
97	Dimeric antimony complexes capturing dimethylamine as a neutral donor; syntheses and structural characterisation of [SbCl <sub>2</sub> (NHMe <sub>2</sub> )( <i>i</i> -OEt)] <sub>2</sub> and [SbCl(NHMe <sub>2</sub> )( <i>i</i> -NBut)] <sub>2</sub> . <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1994</b> , 1479-1482		22
96	Dehydrogenation of Perfluoroalkyl Ketones by Using a Recyclable Oxoammonium Salt. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 3658-3661	3.2	21

95	The tetramethylguanidine catalyzed Baylis-Hillman reaction: Effects of co-catalysts and alcohol solvents on reaction rate. <i>Catalysis Communications</i> , <b>2002</b> , 3, 449-452	3.2	21
94	Opening an Aladdin's cave: the Suzuki coupling in a room-temperature ionic liquid. <i>Chemical Communications</i> , <b>2014</b> , 50, 1515-8	5.8	19
93	Copper-catalyzed direct preparation of diaryl sulfides from aryl iodides using potassium thiocyanate as a sulfur transfer reagent. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4587-4589	2	19
92	Polymer-bound 1-aryl-3-alkyltriazenes as modular ligands for catalysis. Part 2: screening immobilized metal complexes for catalytic activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 1849-51	2.9	19
91	Use of a silicon carbide multi-well plate in conjunction with microwave heating for rapid ligand synthesis, formation of palladium complexes, and catalyst screening in a Suzuki coupling. <i>Tetrahedron Letters</i> , <b>2009</b> , 50, 2851-2853	2	18
90	The photochemical generation of novel neutral mononuclear ruthenium complexes and their reactivity. <i>Journal of Organometallic Chemistry</i> , <b>1995</b> , 503, 15-20	2.3	18
89	Exploring the reactivity of a ruthenium complex in the metathesis of biorenewable feedstocks to generate value-added chemicals. <i>Journal of Organometallic Chemistry</i> , <b>2016</b> , 812, 74-80	2.3	17
88	Access to Nitriles from Aldehydes Mediated by an Oxoammonium Salt. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 4315-4319	3.6	17
87	The preparation of ethyl levulinate facilitated by flow processing: The catalyzed and uncatalyzed esterification of levulinic acid. <i>Journal of Flow Chemistry</i> , <b>2015</b> , 5, 148-150	3.3	16
86	Access to dienophilic ene-triketone synthons by oxidation of diketones with an oxoammonium salt. <i>Organic Letters</i> , <b>2012</b> , 14, 498-501	6.2	16
85	Visible-light-driven catalytic oxidation of aldehydes and alcohols to nitriles by 4-acetamido-TEMPO using ammonium carbamate as a nitrogen source. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 9182-9188	3.9	16
84	Microwave Heating in Conjunction with UV Irradiation: a Tool for the Oxidation of 1,4-Dihydropyridines to Pyridines. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 51	1.2	15
83	Control of the photochemistry of Ru <sub>3</sub> (CO) <sub>12</sub> and Os <sub>3</sub> (CO) <sub>12</sub> by variation of the solvent. <i>Journal of Organometallic Chemistry</i> , <b>1999</b> , 573, 211-216	2.3	15
82	Accessing N-Acyl Azoles via Oxoammonium Salt-Mediated Oxidative Amidation. <i>Organic Letters</i> , <b>2017</b> , 19, 1286-1289	6.2	14
81	Oxidative cleavage of allyl ethers by an oxoammonium salt. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 4255-9	3.9	14
80	A benchtop NMR spectrometer as a tool for monitoring mesoscale continuous-flow organic synthesis: equipment interface and assessment in four organic transformations. <i>RSC Advances</i> , <b>2016</b> , 6, 101171-101177	3.7	14
79	Oxidation of trifluoromethyl and non-fluorinated alcohols via the merger of oxoammonium cations and photoredox catalysis. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 4715-4719	3.9	14
78	The photochemical generation and some exploratory reactions of the novel di-hydrido tri-ruthenium cluster (H <sub>2</sub> Ru <sub>3</sub> (CO) <sub>10</sub> ). <i>Journal of Organometallic Chemistry</i> , <b>1997</b> , 543, 251-253	2.3	14

77	A methodology for the photocatalyzed radical trifluoromethylation of indoles: A combined experimental and computational study. <i>Journal of Fluorine Chemistry</i> , <b>2018</b> , 214, 94-100	2.1	13
76	Oxidative functionalisation of alcohols and aldehydes via the merger of oxoammonium cations and photoredox catalysis. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 8295-8301	3.9	13
75	Synthesis of Perfluoroalkyl-Substituted Vinylcyclopropanes by Way of Enhanced Neighboring Group Participation. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 4071-4076	3.2	13
74	Polymer-bound 1-aryl-3-alkyltriazenes as modular ligands for catalysis. Part 1: synthesis and metal coordination. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2002</b> , 12, 1845-8	2.9	13
73	Preparation of Resin-Bound Metal Carbonyl Reagents and Preliminary Demonstration of Their Use. <i>Organometallics</i> , <b>2003</b> , 22, 4167-4169	3.8	13
72	Photochemically Generated Organometallic Molecular Square Complexes. <i>Inorganic Chemistry</i> , <b>1999</b> , 38, 4149-4151	5.1	13
71	Oxidation of terminal diols using an oxoammonium salt: a systematic study. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 2817-2822	3.9	12
70	Preparation of cisplatin using microwave heating and continuous-flow processing as tools. <i>Inorganic Chemistry Communication</i> , <b>2011</b> , 14, 481-483	3.1	12
69	Catalytic Oxidation of Alcohols Using a 2,2,6,6-Tetramethylpiperidine-N-hydroxyammonium Cation. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 1413-1417	3.2	12
68	Oxidative Amidation of Amines in Tandem with Transamidation: A Route to Amides Using Visible-Light Energy. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 9219-9229	4.2	11
67	A combined computational and experimental investigation of the oxidative ring-opening of cyclic ethers by oxoammonium cations. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 3883-8	3.9	11
66	1,3-Silyl-elimination in electron-deficient cationic systems. <i>Chemical Science</i> , <b>2014</b> , 5, 3983	9.4	11
65	Development of Methodologies for Copper-Catalyzed C≡N Bond Formation and Direct Cyanation of Aryl Iodides. <i>Topics in Catalysis</i> , <b>2010</b> , 53, 1073-1080	2.3	11
64	Polymer-supported metal-phosphine complexes for use as catalysts or linkers in medically-oriented organic synthesis. <i>Current Medicinal Chemistry</i> , <b>2002</b> , 9, 2147-71	4.3	11
63	Reaction chemistry of alkynes with the tris(acetonitrile)-ruthenium cluster [Ru <sub>3</sub> (CO) <sub>9</sub> (MeCN) <sub>3</sub> ]. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 3785		11
62	Direct, rapid, solvent-free conversion of unactivated esters to amides using lithium hydroxide as a catalyst. <i>RSC Advances</i> , <b>2015</b> , 5, 93248-93251	3.7	9
61	Rules of Macrocyclic Topology: A [13]-Macrolactone Case Study. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 6001-11	4.8	9
60	Photochemistry of [Ru(CO) <sub>5</sub> ] with nitrogen heterocycles. <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1997</b> , 2997-3004		9



59	Photochemistry of Os <sub>3</sub> (CO) <sub>12</sub> with AuPPh <sub>3</sub> Cl: synthesis and structural characterisation of (μ-AuPPh <sub>3</sub> )(μ-Cl)Os <sub>3</sub> (CO) <sub>10</sub> . <i>New Journal of Chemistry</i> , <b>1998</b> , 22, 787-788	3.6	9
58	Facile synthesis of polymer-supported cyclopentadienes. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 691-693	2	9
57	Pathways for cyclizations of hydrazine-derived 2-(2-cyanovinyl)-3-oxo-cyclohex-1-ene enolates. <i>Tetrahedron</i> , <b>2011</b> , 67, 2934-2941	2.4	8
56	Assessment and use of two silicon carbide multi-well plates for library synthesis and proteolytic digests using microwave heating. <i>Organic and Biomolecular Chemistry</i> , <b>2009</b> , 7, 2452-7	3.9	8
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