

# David R Carbery

## List of Publications by Year in descending order

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41  
papers

1,512  
citations

304743

22  
h-index

315739

38  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1858  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enamides: valuable organic substrates. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 3455.	2.8	295
2	Design, Synthesis, and Evaluation of a Helicenoidal DMAP Lewis Base Catalyst. <i>Organic Letters</i> , 2011, 13, 1250-1253.	4.6	133
3	Helical frontier orbitals of conjugated linear molecules. <i>Chemical Science</i> , 2013, 4, 4278.	7.4	72
4	Modular design of SPIRO-OMeTAD analogues as hole transport materials in solar cells. <i>Chemical Communications</i> , 2015, 51, 8935-8938.	4.1	64
5	Biomimetic Flavin-Catalyzed Aldehyde Oxidation. <i>Organic Letters</i> , 2012, 14, 3656-3659.	4.6	61
6	Chemoselective sulfide oxidation mediated by bridged flavinium organocatalysts. <i>Tetrahedron Letters</i> , 2010, 51, 2362-2365.	1.4	56
7	Catalytic Amine Oxidation under Ambient Aerobic Conditions: Mimicry of Monoamine Oxidase...B. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8997-9000.	13.8	54
8	Double Gold-Catalysed Annulation of Indoles by Enynones. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1149-1159.	4.3	53
9	Stereoselective Double Friedel-Crafts Alkylation of Indoles with Divinyl Ketones. <i>Organic Letters</i> , 2009, 11, 1175-1178.	4.6	45
10	Organocatalytic diimide reduction of enamides in water. <i>Chemical Communications</i> , 2011, 47, 280-282.	4.1	43
11	Point-to-helical chirality transfer for a scalable and resolution-free synthesis of a helicenoidal DMAP organocatalyst. <i>Chemical Communications</i> , 2012, 48, 11181.	4.1	43
12	Three-electron two-centred bonds and the stabilisation of cationic sulfur radicals. <i>Chemical Science</i> , 2014, 5, 1390-1395.	7.4	41
13	One-Pot <i>o</i> -Nitrobenzenesulfonylhydrazide (NBSH) Formation <sup>†</sup> Diimide Alkene Reduction Protocol. <i>Journal of Organic Chemistry</i> , 2009, 74, 3186-3188.	3.2	39
14	Studies toward the Photochemical Synthesis of Functionalized [5]- and [6]Carbohelicenes. <i>Journal of Organic Chemistry</i> , 2009, 74, 5320-5325.	3.2	34
15	Development of a Co-Mediated Rearrangement Reaction. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2584-2587.	13.8	33
16	Remote Stereocontrol in [3,3]-Sigmatropic Rearrangements: Application to the Total Synthesis of the Immunosuppressant Mycestericin G. <i>Organic Letters</i> , 2012, 14, 756-759.	4.6	33
17	An Ireland <sup>†</sup> Claisen rearrangement approach to <sup>†</sup> 2,3-amino acids. <i>Tetrahedron Letters</i> , 2008, 49, 1111-1114.	1.4	32
18	Harnessing Plasticity in an Amine-Borane as a Piezoelectric and Pyroelectric Flexible Film. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7808-7812.	13.8	32

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19	An Ireland-Claisen Approach to $\beta$ -Alkoxy $\alpha$ -Amino Acids. <i>Organic Letters</i> , 2008, 10, 5199-5202.	4.6	31
20	Stereoselective Synthesis of Cyclohexanones via Phase Transfer Catalyzed Double Addition of Nucleophiles to Divinyl Ketones.. <i>Journal of Organic Chemistry</i> , 2010, 75, 7491-7493.	3.2	30
21	Gold-catalysed cascade rearrangements of ynamide propargyl esters. <i>Chemical Communications</i> , 2013, 49, 2314.	4.1	28
22	Preparation and reaction of desymmetrised cobalt alkyne complexes. <i>Tetrahedron Letters</i> , 2000, 41, 3235-3239.	1.4	25
23	Tandem cobalt mediated rearrangement and Pauson-Khand reaction for the synthesis of functionalised polycyclic systems Electronic supplementary information (ESI) available: experimental procedures and data for all new compounds. See <a href="http://www.rsc.org/suppdata/cc/b2/b204616b/">http://www.rsc.org/suppdata/cc/b2/b204616b/</a> . <i>Chemical Communications</i> , 2002, , 1546-1547.	4.1	22
24	Symbiotic Transition-Metal and Organocatalysis for Catalytic Ambient Amine Oxidation and Alkene Reduction Reactions. <i>ChemCatChem</i> , 2016, 8, 510-514.	3.7	20
25	Investigation of a Stereoselective Co-Mediated Rearrangement Reaction. <i>Journal of Organic Chemistry</i> , 2003, 68, 4392-4399.	3.2	19
26	Development of the Scope of a Co-Mediated O $\alpha$ C Rearrangement Reaction. <i>Journal of Organic Chemistry</i> , 2005, 70, 10046-10056.	3.2	18
27	Development of the Ireland-Claisen Rearrangement of Alkoxy- and Aryloxy-Substituted Allyl Glycinates. <i>Journal of Organic Chemistry</i> , 2010, 75, 7809-7821.	3.2	18
28	A Practical Protocol for the Highly E-Selective Formation of Aryl-Substituted Silylketene Acetals. <i>Organic Letters</i> , 2010, 12, 3712-3715.	4.6	17
29	Ireland-Claisen rearrangement of ynamides: stereocontrolled synthesis of 2-amidodienes. <i>Tetrahedron Letters</i> , 2012, 53, 5180-5182.	1.4	17
30	An In-Depth Study of the Use of Eosin Y for the Solar Photocatalytic Oxidative Coupling of Benzylic Amines. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 9826-9835.	6.7	17
31	Ireland-Claisen rearrangement of substrates bearing chiral enol ether units. <i>Tetrahedron Letters</i> , 2011, 52, 6027-6029.	1.4	10
32	Si-free enolate Claisen rearrangements of enamido substrates. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1406.	2.8	8
33	Simple Oxazolidine Chiral Diene Ligands for Enantioselective Rh-Catalyzed Conjugate Additions. <i>Synlett</i> , 2013, 24, 496-498.	1.8	7
34	Synthetic methods : Part (ii) Oxidation and reduction methods. <i>Annual Reports on the Progress of Chemistry Section B</i> , 2008, 104, 35.	0.9	6
35	Modelling flavoenzymatic charge transfer events: development of catalytic indole deuteration strategies. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3787-3792.	2.8	6
36	Harnessing Plasticity in an Amine-Borane as a Piezoelectric and Pyroelectric Flexible Film. <i>Angewandte Chemie</i> , 2020, 132, 7882-7886.	2.0	5

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37	Synthetic methods : Part (ii) Oxidation and reduction methods. Annual Reports on the Progress of Chemistry Section B, 2006, 102, 34.	0.9	4
38	Magnetic coupling in a hybrid Mn( $\mu_2$ ) acetylene dicarboxylate. Physical Chemistry Chemical Physics, 2016, 18, 33329-33334.	2.8	4
39	Facile kinetic induction of a dihydropyridide to pyrrolide ring contraction. Dalton Transactions, 2016, 45, 5925-5928.	3.3	4
40	Synthetic methods : Part (ii) Oxidation and reduction methods. Annual Reports on the Progress of Chemistry Section B, 2007, 103, 35.	0.9	1
41	Investigation of a Stereoselective Cobalt-Mediated Rearrangement Reaction.. ChemInform, 2003, 34, no.	0.0	0