

# Andrew Sutherland

## List of Publications by Year in descending order

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160  
papers

3,774  
citations

172386

29  
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197736

49  
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288  
all docs

288  
docs citations

288  
times ranked

3923  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular tracers for the PET and SPECT imaging of disease. <i>Chemical Society Reviews</i> , 2011, 40, 149-162.	18.7	295
2	Lovastatin Nonaketide Synthase Catalyzes an Intramolecular Diels-Alder Reaction of a Substrate Analogue. <i>Journal of the American Chemical Society</i> , 2000, 122, 11519-11520.	6.6	226
3	Synthesis of fluorinated amino acids. <i>Natural Product Reports</i> , 2000, 17, 621-631.	5.2	133
4	Bacterial diaminopimelate metabolism as a target for antibiotic design. <i>Bioorganic and Medicinal Chemistry</i> , 2000, 8, 843-871.	1.4	120
5	Silver(I)-Catalyzed Iodination of Arenes: Tuning the Lewis Acidity of <i>N</i> -Iodosuccinimide Activation. <i>Journal of Organic Chemistry</i> , 2016, 81, 772-780.	1.7	82
6	Structural insights into stereochemical inversion by diaminopimelate epimerase: An antibacterial drug target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8668-8673.	3.3	78
7	Recent Advances in Transition-Metal-Catalyzed, Directed Aryl C-H/N-H Cross-Coupling Reactions. <i>Synthesis</i> , 2017, 49, 4586-4598.	1.2	67
8	Highly Regioselective Iodination of Arenes via Iron(III)-Catalyzed Activation of <i>N</i> -Iodosuccinimide. <i>Organic Letters</i> , 2015, 17, 4782-4785.	2.4	66
9	Nickel-catalysed aromatic Finkelstein reaction of aryl and heteroaryl bromides. <i>Chemical Communications</i> , 2012, 48, 3993.	2.2	61
10	Iron(III)-Catalyzed Chlorination of Activated Arenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 7529-7537.	1.7	57
11	Ether-Directed, Stereoselective Aza-Claisen Rearrangements: Synthesis of the Piperidine Alkaloid, Î±-Conhydrine. <i>Organic Letters</i> , 2007, 9, 1609-1611.	2.4	55
12	Synthesis and Evaluation of a Radioiodinated Tracer with Specificity for Poly(ADP-ribose) Polymerase-1 (PARP-1) in Vivo. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 8683-8693.	2.9	50
13	Preparation of <i>anti</i> -Vicinal Amino Alcohols: Asymmetric Synthesis of <i>d</i> -erythro-Sphinganine, (+)-Spisulosine, and <i>d</i> -ribo-Phytosphingosine. <i>Journal of Organic Chemistry</i> , 2013, 78, 7223-7233.	1.7	47
14	Stereoselective Î²-hydroxy-Î±-amino acid synthesis via an ether-directed, palladium-catalysed aza-Claisen rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 3749.	1.5	46
15	Recent advances in the synthesis and application of fluorescent Î±-amino acids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 8911-8921.	1.5	45
16	A Tandem Aza-Claisen Rearrangement and Ring Closing Metathesis Reaction for the Synthesis of Cyclic Allylic Trichloroacetamides. <i>Organic Letters</i> , 2007, 9, 5239-5242.	2.4	44
17	Nickel-Mediated Radioiodination of Aryl and Heteroaryl Bromides: Rapid Synthesis of Tracers for SPECT Imaging. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7829-7832.	7.2	40
18	Chemoenzymatic Synthesis of 4-Amino-2-hydroxy Acids: A Comparison of Mutant and Wild-Type Oxidoreductases. <i>Journal of Organic Chemistry</i> , 1998, 63, 7764-7769.	1.7	39

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19	Recent Advances in Synthetic Methods for Radioiodination. <i>Journal of Organic Chemistry</i> , 2020, 85, 8300-8310.	1.7	39
20	Syntheses of amino acids incorporating stable isotopes. <i>Natural Product Reports</i> , 1997, 14, 205.	5.2	38
21	Synthesis of 5-deazaflavin derivatives and their activation of p53 in cells. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 77-86.	1.4	38
22	Conjugate addition of radicals generated from diacyloxyiodobenzenes to dehydroamino acid derivatives; a synthesis of diaminopimelic acid analogues. <i>Chemical Communications</i> , 2002, , 224-225.	2.2	36
23	Scope and limitations of ether-directed, metal-catalysed aza-Claisen rearrangements; improved stereoselectivity using non-coordinating solvents. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 2932.	1.5	36
24	Versatile Synthesis of 3,5-Disubstituted 2-Fluoropyridines and 2-Pyridones. <i>Journal of Organic Chemistry</i> , 2003, 68, 3352-3355.	1.7	35
25	The stereoselective synthesis of aziridine analogues of diaminopimelic acid (DAP) and their interaction with dap epimerase. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 4402.	1.5	35
26	A three-step tandem process for the synthesis of bicyclic $\beta$ -lactams. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 3418.	1.5	35
27	A highly stereoselective ether directed palladium catalysed aza-Claisen rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 735.	1.5	34
28	The first isolation of an alkoxy-N,N-dialkylaminodifluorosulfane from the reaction of an alcohol and DAST: an efficient synthesis of (2S,3R,6S)-3-fluoro-2,6-diaminopimelic acid. <i>Chemical Communications</i> , 1999, , 1739-1740.	2.2	32
29	Synthesis of Two Fluoro Analogues of the Nicotinic Acetylcholine Receptor Agonist UB-165. <i>Journal of Organic Chemistry</i> , 2003, 68, 2475-2478.	1.7	32
30	Studies on the aza-Claisen rearrangement of 4,5-dihydroxylated allylic trichloroacetimidates: the stereoselective synthesis of (2R,3S)- and (2S,3S)-2-amino-3,4-dihydroxybutyric acids. <i>Tetrahedron</i> , 2008, 64, 9521-9527.	1.0	32
31	Mechanism of Cu-Catalyzed Aryl Boronic Acid Halodeboronation Using Electrophilic Halogen: Development of a Base-Catalyzed Iododeboronation for Radiolabeling Applications. <i>Organic Letters</i> , 2019, 21, 2488-2492.	2.4	31
32	Quantification of Macrophage-Driven Inflammation During Myocardial Infarction with <sup>18</sup> F-LW223, a Novel TSPO Radiotracer with Binding Independent of the rs6971 Human Polymorphism. <i>Journal of Nuclear Medicine</i> , 2021, 62, 536-544.	2.8	31
33	Synthesis of Amino-Substituted Indanes and Tetralins via Consecutive Multibond-Forming Tandem Processes. <i>Journal of Organic Chemistry</i> , 2013, 78, 7199-7207.	1.7	30
34	Preparation of Amino-Substituted Indenes and 1,4-Dihydronaphthalenes Using a One-Pot Multireaction Approach: Total Synthesis of Oxybenzo[c]phenanthridine Alkaloids. <i>Journal of Organic Chemistry</i> , 2014, 79, 7633-7648.	1.7	30
35	One-Pot Synthesis of 5-Amino-2,5-dihydro-1-benzoxepines: Access to Pharmacologically Active Heterocyclic Scaffolds. <i>Journal of Organic Chemistry</i> , 2015, 80, 4683-4696.	1.7	30
36	Intermolecular Aryl C-H Amination through Sequential Iron and Copper Catalysis. <i>Chemistry - A European Journal</i> , 2017, 23, 1044-1047.	1.7	30

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37	For the record: The three-dimensional structure of the ternary complex of <i>Corynebacterium glutamicum</i> diaminopimelate dehydrogenase-NADPH-2-amino-6-methylene-pimelate. <i>Protein Science</i> , 2000, 9, 2034-2037.		29
38	Synthesis of pyrazole containing $\beta$ -amino acids via a highly regioselective condensation/aza-Michael reaction of $\beta$ -aryl $\beta,\beta$ -unsaturated ketones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4514-4523.	1.5	28
39	Walleminol and walleminone, novel caryophyllenes from the toxigenic fungus <i>Wallemia sebi</i> . <i>Tetrahedron Letters</i> , 1999, 40, 133-136.	0.7	27
40	Ether-directed palladium(II)-catalysed aza-Claisen rearrangements: studies on the origin of the directing effect. <i>Tetrahedron</i> , 2007, 63, 2123-2131.	1.0	27
41	Total synthesis of clavaminol A, C and H. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8030.	1.5	27
42	Regioselective C-H Thioarylation of Electron-Rich Arenes by Iron(III) Triflimide Catalysis. <i>Journal of Organic Chemistry</i> , 2021, 86, 5922-5932.	1.7	27
43	Unsaturated $\beta$ -aminopimelic acids as potent inhibitors of meso-diaminopimelic acid (DAP) D-dehydrogenase. <i>Chemical Communications</i> , 1999, , 555-556.	2.2	26
44	Palladium(II)-Catalysed Rearrangement Reactions. <i>Current Organic Chemistry</i> , 2006, 10, 1007-1020.	0.9	26
45	Synthesis of 5-Amino-2,5-dihydro-1H-benzobenzazepines Using a One-Pot Multibond Forming Process. <i>Journal of Organic Chemistry</i> , 2016, 81, 6697-6706.	1.7	26
46	A flexible approach for the synthesis of selectively labelled L-arginine. <i>Tetrahedron Letters</i> , 2004, 45, 5739-5741.	0.7	24
47	A stereoselective synthesis of (+)-physoperuvine using a tandem aza-Claisen rearrangement and ring closing metathesis reaction. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2678.	1.5	24
48	Synthesis of fluorescent enone derived $\beta$ -amino acids. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 4309.	1.5	24
49	Asymmetric Synthesis of Pivcolic Acid and Derivatives. <i>Synthesis</i> , 2012, 44, 1935-1950.	1.2	24
50	A one-pot radioiodination of aryl amines via stable diazonium salts: preparation of $^{125}\text{I}$ -imaging agents. <i>Chemical Communications</i> , 2017, 53, 11008-11011.	2.2	24
51	Identification of Active Site Cysteine Residues that Function as General Bases: $\beta$ -Diaminopimelate Epimerase. <i>Journal of the American Chemical Society</i> , 2000, 122, 6122-6123.	6.6	23
52	Synthesis and nicotinic binding of novel phenyl derivatives of UB-165. Identifying factors associated with $\beta$ selectivity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 2825-2828.	1.0	23
53	Stereocontrol of palladium(ii)-catalysed aza-Claisen rearrangements using a combination of 1,3-allylic strain and a solvent mediated directing effect. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 3889.	1.5	23
54	Stereoselective synthesis of (2S,3R)- and (2R,3S)-iodoreboxetine; potential SPECT imaging agents for the noradrenaline transporter. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2369.	1.5	23

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55	Rapid Iododeboronation with and without Gold Catalysis: Application to Radiolabelling of Arenes. <i>Chemistry - A European Journal</i> , 2018, 24, 937-943.	1.7	23
56	Synthesis of Functionalized Indolines and Dihydrobenzofurans by Iron and Copper Catalyzed Aryl C-N and C-O Bond Formation. <i>Journal of Organic Chemistry</i> , 2019, 84, 346-364.	1.7	23
57	The first enantioselective synthesis of the amino acid, (2S,3S,4R)- $\beta$ -hydroxyisoleucine using a palladium(ii) catalysed 3,3-sigmatropic rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 808-809.	1.5	22
58	Synthesis and anti-protozoal activity of C2-substituted polyazamacrocycles. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 2455-2458.	1.0	22
59	Deoxyfluorination with CuF <sub>2</sub> : Enabled by Using a Lewis Base Activating Group. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8460-8463.	7.2	22
60	Tandem aza-Claisen rearrangement and ring-closing metathesis reactions: the stereoselective synthesis of functionalised carbocyclic amides. <i>Tetrahedron Letters</i> , 2009, 50, 3241-3244.	0.7	21
61	Stereoselective synthesis of the bicyclic guanidine alkaloid (+)-monanchorin. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4394.	1.5	21
62	A one-pot, reductive amination/6-endo-trig cyclisation for the stereoselective synthesis of 6-substituted-4-oxopipelic acids. <i>Chemical Communications</i> , 2011, 47, 6569.	2.2	21
63	Discovery of a multi-bond forming, four-step tandem process: construction of drug-like polycyclic scaffolds. <i>Chemical Communications</i> , 2012, 48, 7994.	2.2	21
64	One-Pot Multi-Reaction Processes: Synthesis of Natural Products and Drug-Like Scaffolds. <i>Synlett</i> , 2014, 25, 1068-1080.	1.0	21
65	Recent Advances in Transition-Metal-Catalyzed Iodination of Arenes. <i>Synthesis</i> , 2016, 48, 2969-2980.	1.2	21
66	Syntheses of isotopically labelled L- $\alpha$ -amino acids with an asymmetric centre at C-3. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3406-3416.	1.3	20
67	Dynamics of catalysis revealed from the crystal structures of mutants of diaminopimelate epimerase. <i>Biochemical and Biophysical Research Communications</i> , 2007, 363, 547-553.	1.0	20
68	Stereoselective synthesis of polyhydroxylated aminocyclohexanes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2801.	1.5	20
69	Stereoselective synthesis of hydroxylated 3-aminoazepanes using a multi-bond forming, three-step tandem process. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8251.	1.5	20
70	Multibond Forming Tandem Reactions of Anilines via Stable Aryl Diazonium Salts: One-Pot Synthesis of 3,4-Dihydroquinolin-2-ones. <i>Journal of Organic Chemistry</i> , 2018, 83, 12595-12608.	1.7	20
71	Asymmetric synthesis of allylic secondary alcohols: a new general approach for the preparation of $\beta$ -amino acids. <i>Tetrahedron</i> , 2010, 66, 5349-5356.	1.0	19
72	New iodinated quinoline-2-carboxamides for SPECT imaging of the translocator protein. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 954-957.	1.0	19

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73	Switching the Stereochemical Outcome of 6- <i>Endo</i> - <i>Trig</i> Cyclizations; Synthesis of 2,6- <i>Cis</i> -6-Substituted 4-Oxopipicolinic Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 10001-10009.	1.7	19
74	An <sup>18</sup> F-Labeled Poly(ADP-ribose) Polymerase Positron Emission Tomography Imaging Agent. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 4103-4114.	2.9	19
75	Synthesis and Fluorescent Properties of $\beta$ -Pyridyl $\alpha$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2019, 84, 2879-2890.	1.7	19
76	Synthesis of Benzo[ <i>b</i> ]furans by Intramolecular C=O Bond Formation Using Iron and Copper Catalysis. <i>Organic Letters</i> , 2020, 22, 2766-2770.	2.4	19
77	Three approaches to the synthesis of L-leucine selectively labelled with carbon-13 or deuterium in either diastereotopic methyl group. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 43-51.	1.3	18
78	A stereoselective synthesis of (2R,3S)-2-amino-3,4-dihydroxybutyric acid using an ether directed aza-Claisen rearrangement. <i>Tetrahedron Letters</i> , 2007, 48, 3771-3773.	0.7	18
79	Iron-Catalyzed Regioselective Synthesis of $\alpha$ -Arylbenzoxazoles and $\alpha$ -Arylbenzothiazoles via Alternative Reaction Pathways. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 2819-2826.	1.2	18
80	Conformationally rigid pyrazoloquinazoline $\alpha$ -amino acids: one- and two-photon induced fluorescence. <i>Chemical Communications</i> , 2020, 56, 1887-1890.	2.2	18
81	A novel approach for the synthesis of the peripheral benzodiazepine receptor ligand, PK11195. <i>Tetrahedron Letters</i> , 2007, 48, 7137-7139.	0.7	17
82	A novel <sup>18</sup> F-labelled high affinity agent for PET imaging of the translocator protein. <i>Chemical Science</i> , 2015, 6, 4772-4777.	3.7	17
83	Synthesis and Photophysical Properties of Benzotriazole-Derived Unnatural $\alpha$ -Amino Acids. <i>Journal of Organic Chemistry</i> , 2019, 84, 10436-10448.	1.7	17
84	Design and synthesis of (2R,3S)-iodoreboxetine analogues for SPECT imaging of the noradrenaline transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 4996-4998.	1.0	16
85	A new general approach for the stereocontrolled synthesis of functionalised $\beta$ - and $\gamma$ -lactams. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6761.	1.5	16
86	Synthesis, characterisation and anti-protozoal activity of carbamate-derived polyazamacrocycles. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 3651.	1.5	15
87	Enantioselective Synthesis of 3-Methyleneindan-1-ols via a One-Pot Allylboration-Heck Reaction of 2-Bromobenzaldehydes. <i>Organic Letters</i> , 2015, 17, 2514-2517.	2.4	15
88	Enantioselective syntheses of $\alpha$ -amino- $\beta$ -hydroxy acids, and [ <sup>15</sup> N]-L-threonine. <i>Tetrahedron Letters</i> , 1997, 38, 1837-1840.	0.7	14
89	New iodoreboxetine analogues for SPECT imaging of the noradrenaline transporter. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 4940-4943.	1.0	14
90	The first stereospecific synthesis of l-tetrahydrodipicolinic acid; a key intermediate of diaminopimelate metabolism. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2217-2220.	1.3	13

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91	A facile synthesis of (S)-gizzerosine, a potent agonist of the histamine H2-receptor. <i>Tetrahedron Letters</i> , 2007, 48, 8479-8481.	0.7	13
92	Synthesis of novel benzamidine- and guanidine-derived polyazamacrocycles: Selective anti-protozoal activity for human African trypanosomiasis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5399-5401.	1.0	13
93	Microwave-promoted tandem reactions for the synthesis of bicyclic $\hat{1}^3$ -lactams. <i>Tetrahedron Letters</i> , 2011, 52, 2330-2332.	0.7	13
94	Structure-activity relationships of novel iodinated quinoline-2-carboxamides for targeting the translocator protein. <i>MedChemComm</i> , 2013, 4, 1461.	3.5	13
95	Synthesis of Structurally Diverse Benzotriazoles via Rapid Diazotization and Intramolecular Cyclization of 1,2-Aryldiamines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5344-5353.	1.2	13
96	Rapid and efficient radiosynthesis of [ $^{123}\text{I}$ ]I-PK11195, a single photon emission computed tomography tracer for peripheral benzodiazepine receptors. <i>Nuclear Medicine and Biology</i> , 2008, 35, 537-542.	0.3	12
97	Synthesis and biological evaluation of novel 2,3-dihydro-1H-1,5-benzodiazepin-2-ones; potential imaging agents of the metabotropic glutamate 2 receptor. <i>MedChemComm</i> , 2013, 4, 1118-1123.	3.5	12
98	Diastereoselective synthesis of highly substituted polycyclic scaffolds via a one-pot four-step tandem catalytic process. <i>Tetrahedron</i> , 2014, 70, 7133-7141.	1.0	12
99	Radiohalogenation of Organic Compounds: Practical Considerations and Challenges for Molecular Imaging. <i>Synthesis</i> , 2019, 51, 4368-4373.	1.2	12
100	A highly efficient, asymmetric synthesis of blastidic acid: the $\hat{1}^2$ -amino acid component of the antibiotic, (+)-blastidicin S. <i>Tetrahedron Letters</i> , 2005, 46, 7147-7149.	0.7	11
101	Stereoselective synthesis of functionalised carbocyclic amides: construction of the syn-(4a <i>S</i> ,10 <i>bS</i> )-phenanthridone skeleton. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3937.	1.5	11
102	Synthesis of Allylic Amide Functionalized 2H-Chromenes and Coumarins Using a One-Pot Overman Rearrangement and Gold(I)-Catalyzed Hydroarylation. <i>Journal of Organic Chemistry</i> , 2016, 81, 9810-9819.	1.7	11
103	A one-pot, three-step process for the diastereoselective synthesis of aminobicyclo[4.3.0]nonanes using consecutive palladium( $\text{II}$ )- and ruthenium( $\text{II}$ )-catalysis. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3284-3297.	1.5	11
104	Synthesis and enzyme-catalysed reductions of 2-oxo acids with oxygen containing side-chains. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 901-910.	1.3	10
105	Asymmetric Synthesis of <i>cis</i> -Aminocyclopentenols, Building Blocks for Medicinal Chemistry. <i>Journal of Organic Chemistry</i> , 2014, 79, 1511-1515.	1.7	10
106	Late stage iodination of biologically active agents using a one-pot process from aryl amines. <i>RSC Advances</i> , 2017, 7, 54881-54891.	1.7	9
107	Access to 2,6-Disubstituted 4-Oxopiperidines Using a 6- <i>Endo-trig</i> Cyclization: Stereoselective Synthesis of Spruce Alkaloid and (+)-241D. <i>Journal of Organic Chemistry</i> , 2018, 83, 535-542.	1.7	9
108	Synthesis of [ $^{13}\text{C}$ ]-L-lysine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 1996, 38, 95-102.	0.5	8

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109	Synthesis and reactivity of 4-oxo-5-trimethylsilyl derived Î±-amino acids. <i>Tetrahedron</i> , 2015, 71, 245-251.	1.0	8
110	Hot off the Press. <i>Natural Product Reports</i> , 2017, 34, 1180-1184.	5.2	8
111	Kinetic modelling and quantification bias in small animal PET studies with [18F]AB5186, a novel 18 kDa translocator protein radiotracer. <i>PLoS ONE</i> , 2019, 14, e0217515.	1.1	8
112	One-pot ortho-amination of aryl C-H bonds using consecutive iron and copper catalysis. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4629-4639.	1.5	8
113	Palladium-Catalyzed C-P Bond-Forming Reactions of Aryl Nonaflates Accelerated by Iodide. <i>Journal of Organic Chemistry</i> , 2021, 86, 17036-17049.	1.7	8
114	Thioarylation of anilines using dual catalysis: two-step synthesis of phenothiazines. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 5602-5614.	1.5	8
115	Synthesis of probes for the active site of leucine dehydrogenase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 1941-1944.	1.0	7
116	Synthesis of the isoquinoline alkaloid, crispine C. <i>Tetrahedron Letters</i> , 2012, 53, 4084-4086.	0.7	7
117	New approaches for the synthesis of isotopically labelled guanidine-derived amino acids and noradrenaline reuptake inhibitors. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2007, 50, 323-326.	0.5	6
118	Deoxyfluorination with CuF <sub>2</sub> : Enabled by Using a Lewis Base Activating Group. <i>Angewandte Chemie</i> , 2020, 132, 8538-8541.	1.6	6
119	Synthesis of phenoxathiins using an iron-catalysed C-H thioarylation. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 1738-1748.	1.5	6
120	One-Pot Asymmetric Synthesis of Alkylidene 1-Alkylindan-1-ols Using Brønsted Acid and Palladium Catalysis. <i>Journal of Organic Chemistry</i> , 2017, 82, 11585-11593.	1.7	5
121	Stereoselective synthesis of 2,6- <i>trans</i> -4-oxopiperidines using an acid-mediated 6- <i>endo-trig</i> cyclisation. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6410-6422.	1.5	5
122	Exploring the functionalisation of the thieno[2,3- <i>d</i> ]pyrimidinedione core: Late stage access to highly substituted 5-carboxamide-6-aryl scaffolds. <i>Tetrahedron</i> , 2018, 74, 4086-4094.	1.0	5
123	One-pot synthesis of <i>N</i> -substituted benzannulated triazoles via stable arene diazonium salts. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6127-6140.	1.5	5
124	Modelling [18F]LW223 PET data using simplified imaging protocols for quantification of TSPO expression in the rat heart and brain. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 49, 137-145.	3.3	5
125	Hot off the press. <i>Natural Product Reports</i> , 2016, 33, 1126-1130.	5.2	4
126	Spectroscopic Characterization of Model Compounds, Reactants, and Byproducts Connected with an Isocyanate Production Chain. <i>Industrial &amp; Engineering Chemistry Research</i> , 2018, 57, 7355-7362.	1.8	4



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127	Automated Radiosynthesis of cis- and trans-4-[18F]Fluoro-L-proline Using [18F]Fluoride. Journal of Organic Chemistry, 2021, 86, 14054-14060.	1.7	4
128	<sup>123</sup> I-NKJ64: A novel single photon emission computed tomography radiotracer for imaging the noradrenaline transporter in brain. Synapse, 2011, 65, 658-667.	0.6	3
129	Structural diversification of the aminobicyclo[4.3.0]nonane skeleton using alkynylsilyl-derived allylic trichloroacetimidates. Organic and Biomolecular Chemistry, 2017, 15, 3035-3045.	1.5	3
130	Hot off the press. Natural Product Reports, 2019, 36, 258-262.	5.2	3
131	Hot off the press. Natural Product Reports, 2021, 38, 2139-2144.	5.2	3
132	One-Pot Synthesis of Diaryl Sulfonamides using an Iron and Copper Catalyzed Aryl C-H Amidation Process. Synthesis, 0, , .	1.2	3
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