

François-Xavier Felpin

List of Publications by Year in descending order

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126
papers

8,428
citations

66343

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168
docs citations

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times ranked

10316
citing authors

#	ARTICLE	IF	CITATIONS
1	Cu and Cu-Based Nanoparticles: Synthesis and Applications in Catalysis. <i>Chemical Reviews</i> , 2016, 116, 3722-3811.	47.7	2,051
2	Recyclable Heterogeneous Palladium Catalysts in Pure Water: Sustainable Developments in Suzuki, Heck, Sonogashira and Tsuji–Trost Reactions. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 33-79.	4.3	618
3	Recent Advances in the Total Synthesis of Piperidine and Pyrrolidine Natural Alkaloids with Ring-Closing Metathesis as a Key Step. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3693-3712.	2.4	421
4	Pd/C: An Old Catalyst for New Applications – Its Use for the Suzuki–Miyaura Reaction. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 2679-2690.	2.4	267
5	Recent advances in the Heck–Matsuda reaction in heterocyclic chemistry. <i>Tetrahedron</i> , 2011, 67, 2815-2831.	1.9	221
6	Chemically Modified Cellulose Filter Paper for Heavy Metal Remediation in Water. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1965-1973.	6.7	192
7	Heterogeneous Multifunctional Catalysts for Tandem Processes: An Approach toward Sustainability. <i>ChemSusChem</i> , 2008, 1, 718-724.	6.8	176
8	Biaryl synthesis with arenediazonium salts: cross-coupling, CH-arylation and annulation reactions. <i>Chemical Society Reviews</i> , 2019, 48, 1150-1193.	38.1	156
9	Efficient Enantiomeric Synthesis of Pyrrolidine and Piperidine Alkaloids from Tobacco. <i>Journal of Organic Chemistry</i> , 2001, 66, 6305-6312.	3.2	123
10	Transition Metal-Mediated Direct C–H Arylation of Heteroarenes Involving Aryl Radicals. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 645-671.	4.3	121
11	Biodiesel production from palm oil using sulfonated graphene catalyst. <i>Renewable Energy</i> , 2017, 106, 135-141.	8.9	121
12	History, chemistry and biology of alkaloids from <i>Lobelia inflata</i> . <i>Tetrahedron</i> , 2004, 60, 10127-10153.	1.9	120
13	A Highly Stereoselective Asymmetric Synthesis of (S)-Lobeline and (S)-Sedamine. <i>Journal of Organic Chemistry</i> , 2002, 67, 9192-9199.	3.2	119
14	Aryl Diazonium versus Iodonium Salts: Preparation, Applications and Mechanisms for the Suzuki–Miyaura Cross-Coupling Reaction. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3063-3084.	4.3	114
15	Using Aryl Diazonium Salts in Palladium-Catalyzed Reactions under Safer Conditions. <i>Organic Process Research and Development</i> , 2014, 18, 1786-1801.	2.7	108
16	Practical Pd/C-Mediated Allylic Substitution in Water. <i>Journal of Organic Chemistry</i> , 2005, 70, 6441-6446.	3.2	105
17	Practical and Efficient Suzuki–Miyaura Cross-Coupling of 2-Iodocycloenones with Arylboronic Acids Catalyzed by Recyclable Pd(0)/C. <i>Journal of Organic Chemistry</i> , 2005, 70, 8575-8578.	3.2	105
18	Suzuki–Miyaura Reactions of Arenediazonium Salts Catalyzed by Pd(0)/C. One-Pot Chemoselective Double Cross-Coupling Reactions. <i>Organic Letters</i> , 2007, 9, 2911-2914.	4.6	97

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19	Room-Temperature, Ligand- and Base-Free Heck Reactions of Aryl Diazonium Salts at Low Palladium Loading: Sustainable Preparation of Substituted Stilbene Derivatives. <i>Chemistry - A European Journal</i> , 2010, 16, 5191-5204.	3.3	94
20	A Useful, Reliable and Safer Protocol for Hydrogenation and the Hydrogenolysis of <i>o</i> -Benzyl Groups: The In Situ Preparation of an Active Pd ⁰ /C Catalyst with Well-Defined Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 12440-12445.	3.3	92
21	Synthesis of Oxindoles by Tandem Heck-Reduction-Cyclization (HRC) from a Single Bifunctional, in Situ Generated Pd/C Catalyst. <i>Journal of Organic Chemistry</i> , 2009, 74, 1349-1352.	3.2	90
22	An Autonomous Self-Optimizing Flow Reactor for the Synthesis of Natural Product Carpanone. <i>Journal of Organic Chemistry</i> , 2018, 83, 14286-14299.	3.2	86
23	Preparation of <i>2</i> -Quinolones by Sequential Heck Reduction-Cyclization (HRC) Reactions by Using a Multitask Palladium Catalyst. <i>Chemistry - A European Journal</i> , 2009, 15, 7238-7245.	3.3	84
24	Flow reactors integrated with in-line monitoring using benchtop NMR spectroscopy. <i>Reaction Chemistry and Engineering</i> , 2018, 3, 399-413.	3.7	82
25	Improved Suzuki-Miyaura Reactions of Aryldiazonium Salts with Boronic Acids by Tuning Palladium on Charcoal Catalyst Properties. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 649-655.	4.3	81
26	Direct C ² - and C ³ -Arylation Enabled by Heterogeneous Palladium Catalysts. <i>ChemCatChem</i> , 2014, 6, 2175-2187.	3.7	81
27	Heck Cross-Coupling of Aryldiazonium Tetrafluoroborate with Acrylates Catalyzed by Palladium on Charcoal. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2559-2565.	4.3	80
28	Unprecedented Substoichiometric Use of Hazardous Aryl Diazonium Salts in the Heck-Matsuda Reaction via a Double Catalytic Cycle. <i>Organic Letters</i> , 2011, 13, 2646-2649.	4.6	80
29	C-H Arylation of Benzoquinone in Water through Aniline Activation: Synergistic Effect of Graphite-Supported Copper Oxide Nanoparticles. <i>Journal of Organic Chemistry</i> , 2013, 78, 4604-4609.	3.2	76
30	Copper-catalyzed free-radical C-H arylation of pyrroles. <i>Chemical Communications</i> , 2014, 50, 5236-5238.	4.1	76
31	Chemically-modified cellulose paper as smart sensor device for colorimetric and optical detection of hydrogen sulfate in water. <i>Chemical Communications</i> , 2016, 52, 2525-2528.	4.1	76
32	Optimizing the Heck-Matsuda Reaction in Flow with a Constraint-Adapted Direct Search Algorithm. <i>Organic Process Research and Development</i> , 2016, 20, 1979-1987.	2.7	67
33	Ultrafast 2D NMR on a benchtop spectrometer: Applications and perspectives. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 65-75.	11.4	67
34	Practical and scalable synthesis of sulfonated graphene. <i>Carbon</i> , 2016, 96, 342-350.	10.3	67
35	Oxidation of 4-arylphenol trimethylsilyl ethers to p-arylquinols using hypervalent iodine(III) reagents. <i>Tetrahedron Letters</i> , 2007, 48, 409-412.	1.4	60
36	Synthesis of 2,6-Dialkyl-1,2,5,6-Tetrahydropyridines and Their Applications in Total Synthesis. <i>Current Organic Synthesis</i> , 2004, 1, 83-109.	1.3	59

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37	Handling diazonium salts in flow for organic and material chemistry. <i>Organic Chemistry Frontiers</i> , 2015, 2, 590-614.	4.5	59
38	Efficient and Practical Cross-Coupling of Arenediazonium Tetrafluoroborate Salts with Boronic Acids Catalyzed by Palladium(0)/Barium Carbonate. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 863-868.	4.3	58
39	Graphite-supported ultra-small copper nanoparticles – Preparation, characterization and catalysis applications. <i>Carbon</i> , 2015, 93, 974-983.	10.3	55
40	Real-time reaction monitoring by ultrafast 2D NMR on a benchtop spectrometer. <i>Analyst</i> , 2015, 140, 7854-7858.	3.5	52
41	Heterogeneous Palladium Catalysts for Suzuki-Miyaura Coupling Reactions Involving Aryl Diazonium Salts. <i>ChemCatChem</i> , 2016, 8, 1998-2009.	3.7	46
42	Heterogeneous palladium multi-task catalyst for sequential Heck-reduction-cyclization (HRC) reactions: influence of the support. <i>Tetrahedron Letters</i> , 2009, 50, 5071-5074.	1.4	42
43	Oxidative Neutralization of Mustard Gas Simulants in an On-Board Flow Device with In-Line NMR Monitoring. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7568-7572.	13.8	42
44	Sustainable Heck-Matsuda Reaction with Catalytic Amounts of Diazonium Salts: An Experimental and Theoretical Study. <i>Chemistry - A European Journal</i> , 2012, 18, 7210-7218.	3.3	41
45	Continuous-Flow Heck-Matsuda Reaction: Homogeneous versus Heterogeneous Palladium Catalysts. <i>Journal of Organic Chemistry</i> , 2014, 79, 8255-8262.	3.2	41
46	Ten Years of Adventures with Pd/C Catalysts: From Reductive Processes to Coupling Reactions. <i>Synlett</i> , 2014, 25, 1055-1067.	1.8	41
47	Mitomycin Synthetic Studies: Stereocontrolled and Convergent Synthesis of a Fully Elaborated Aziridinomitosane. <i>Journal of Organic Chemistry</i> , 2004, 69, 7309-7316.	3.2	40
48	Practical and efficient entry to isoflavones by Pd(0)/C-mediated Suzuki-Miyaura reaction. Total synthesis of geranylated isoflavones. <i>Tetrahedron</i> , 2007, 63, 3010-3016.	1.9	39
49	A paper-based biomimetic device for the reduction of Cu(II) to Cu(I) – application to the sensing of Cu(II). <i>Chemical Communications</i> , 2016, 52, 6569-6572.	4.1	39
50	Stabilisation of Carbon-Supported Palladium Nanoparticles through the Formation of an Alloy with Gold: Application to the Sonogashira Reaction. <i>Chemistry - A European Journal</i> , 2013, 19, 14024-14029.	3.3	38
51	A Fully Palladium-Mediated Construction of Phenanthrenes and Naphthoxindoles. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 4616-4622.	2.4	37
52	Cellulose paper grafted with polyamines as powerful adsorbent for heavy metals. <i>Cellulose</i> , 2018, 25, 4043-4055.	4.9	37
53	Heck-Matsuda Arylation of Olefins Through a Bicatlytic Approach: Improved Procedures and Rationalization. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1065-1071.	4.3	36
54	Palladium and copper-supported on charcoal: A heterogeneous multi-task catalyst for sequential Sonogashira-Click and Heck reactions. <i>Journal of Organometallic Chemistry</i> , 2014, 755, 78-85.	1.8	34

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55	Fabrication of Robust Spatially Resolved Photochromic Patterns on Cellulose Papers by Covalent Printing for Anticounterfeiting Applications. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1240-1250.	4.4	30
56	Free-Radical-5-exo-Trig Cyclization of Chiral 3-Silylhepta-1,6-dienes: A Concise Approach to the A ² B ² C Ring Core of Hexacyclinic Acid. <i>Journal of Organic Chemistry</i> , 2005, 70, 7985-7995.	3.2	29
57	Direct C-H Arylation of Quinones with Anilines. <i>Synlett</i> , 2012, 23, 1621-1624.	1.8	29
58	Enantioselective reduction of heteroaromatic $\hat{1}^2, \hat{1}^3$ -unsaturated ketones as an alternative to allylboration of aldehydes. <i>Tetrahedron</i> , 2002, 58, 7381-7389.	1.9	28
59	First Total Synthesis of 1-O- $\hat{1}^2$ -d-Glucopyranosyl-5-deoxyadenophorine and Its Aglycon Congener: A Determination of the Absolute Configuration. <i>Journal of Organic Chemistry</i> , 2004, 69, 1497-1503.	3.2	28
60	The first enantioselective synthesis of (S)-5-bromo-3-(1-methyl-2-pyrrolidinyl)pyridine: a key intermediate for the preparation of SIB-1508Y. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 1121-1124.	1.8	27
61	Harnessing the Dual Properties of Thiol-Grafted Cellulose Paper for Click Reactions: A Powerful Reducing Agent and Adsorbent for Cu. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13549-13552.	13.8	27
62	Rearrangement of $\hat{1}^\pm$ -Amino Cyclopropanone Hydrate: A Novel Route to Labeled Amino Acids. <i>Journal of Organic Chemistry</i> , 2001, 66, 305-308.	3.2	26
63	Graphene-promoted acetalisation of glycerol under acid-free conditions. <i>Green Chemistry</i> , 2016, 18, 1531-1537.	9.0	26
64	Reconfigurable Flow Platform for Automated Reagent Screening and Autonomous Optimization for Bioinspired Lignans Synthesis. <i>Journal of Organic Chemistry</i> , 2019, 84, 14101-14112.	3.2	26
65	Enantiospecific and stereoselective synthesis of (\hat{a}^\pm)-allosedamine. <i>Tetrahedron Letters</i> , 2002, 43, 225-227.	1.4	24
66	Efficient access to chiral trans-2,6-dialkyl-1,2,5,6-tetrahydropyridines via allylation of chiral imines and ring-closing metathesis. <i>Tetrahedron Letters</i> , 2003, 44, 527-530.	1.4	24
67	Direct C-H Alkylation of Naphthoquinones with Amino Acids Through a Revisited Kochi-Anderson Radical Decarboxylation: Trends in Reactivity and Applications. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5774-5788.	2.4	24
68	Synthesis of indanones by sequential Heck-reduction-cyclization-alkylation (HRCA) reactions. <i>Tetrahedron Letters</i> , 2012, 53, 338-341.	1.4	24
69	Palladium Nanoparticles Supported on Sulfonic Acid Functionalized Silica as Trifunctional Heterogeneous Catalysts for Heck and Suzuki Reactions. <i>ChemCatChem</i> , 2015, 7, 2085-2094.	3.7	23
70	Analytical Tools Integrated in Continuous-Flow Reactors: Which One for What?. <i>Organic Process Research and Development</i> , 2022, 26, 1766-1793.	2.7	23
71	A Novel Route to Chiral trans-6-Alkyl-2-hydroxymethyl-1,2,5,6-tetrahydropyridines by Allylation of Chiral Imines and Ring-Closing Metathesis: Total Synthesis of (\hat{a}^\pm)-3-epi-Deoxoprosopinine. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4518-4527.	2.4	22
72	Nicotine demethylation in Nicotiana cell suspension cultures: N ² -formylornicotine is not involved. <i>Phytochemistry</i> , 2005, 66, 2432-2440.	2.9	22

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73	Cellulose paper azide as a molecular platform for versatile click ligations: application to the preparation of hydrophobic paper surface. <i>Cellulose</i> , 2018, 25, 1395-1411.	4.9	22
74	Chelation-Assisted Cross-Coupling of Anilines through In Situ Activation as Diazonium Salts with Boronic Acids under Ligand-Free, Base-Free, and Salt-Free Conditions. <i>Chemistry - A European Journal</i> , 2013, 19, 9291-9296.	3.3	21
75	Curve fitting complex X-ray photoelectron spectra of graphite-supported copper nanoparticles using informed line shapes. <i>Applied Surface Science</i> , 2020, 505, 143841.	6.1	21
76	Synthesis of spiro-pyridones and spiro-quinolones by sequential palladium on carbon-catalyzed allylation and ring closing metathesis reactions. <i>Tetrahedron Letters</i> , 2009, 50, 506-508.	1.4	20
77	Practical synthesis of indoles and benzofurans in water using a heterogeneous bimetallic catalyst. <i>Beilstein Journal of Organic Chemistry</i> , 2013, 9, 1426-1431.	2.2	20
78	Copper(II)-phenanthroline hybrid material as efficient catalyst for the multicomponent synthesis of 1,2,3-triazoles via sequential azide formation/1,3-dipolar cycloaddition. <i>Molecular Catalysis</i> , 2017, 437, 150-157.	2.0	20
79	Writing and erasing hidden optical information on covalently modified cellulose paper. <i>Chemical Communications</i> , 2016, 52, 7672-7675.	4.1	19
80	Photoresponsive cellulose paper as a molecular printboard for covalent printing. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5154-5162.	5.5	19
81	Hydrophobic Covalent Patterns on Cellulose Paper through Photothiol-X Ligations. <i>ACS Omega</i> , 2018, 3, 9155-9159.	3.5	19
82	An autonomous self-optimizing flow machine for the synthesis of pyridine-oxazoline (PyOX) ligands. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 1608-1615.	3.7	19
83	Synthesis of 5-Substituted 1 <i>H</i> -Tetrazoles from Nitriles by Continuous Flow: Application to the Synthesis of Valsartan. <i>Organic Process Research and Development</i> , 2020, 24, 752-761.	2.7	19
84	Synthesis of β -Amino Acids by Rearrangement of α -Cyanocyclopropanone Hydrates: Application to the Regioselective Labeling of Amino Acids. <i>Journal of Organic Chemistry</i> , 2001, 66, 6487-6489.	3.2	18
85	On the peculiar recycling properties of charcoal-supported palladium oxide nanoparticles in Sonogashira reactions. <i>Applied Catalysis A: General</i> , 2014, 482, 157-162.	4.3	18
86	Ultra-fast Suzuki and Heck reactions for the synthesis of styrenes and stilbenes using arenediazonium salts as super-electrophiles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 41-45.	4.5	18
87	A fully bio-sourced adsorbent of heavy metals in water fabricated by immobilization of quinine on cellulose paper. <i>Journal of Environmental Sciences</i> , 2019, 84, 174-183.	6.1	18
88	A Sustainable Procedure Combining the Advantages of Both Homogeneous and Heterogeneous Catalysis for the Heck-Matsuda Reaction. <i>Synthesis</i> , 2012, 44, 37-41.	2.3	16
89	Practical Pd/Catalysed Suzuki-Miyaura Reactions for the Preparation of 3-Aryl-4-oxypyridinones, 3-Aryl-4-oxypyridines and 3-Aryl-4-oxoquinolines as Useful Intermediates for the Synthesis of Biologically Active Compounds. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 5525-5533.	2.4	14
90	Design, synthesis and biological evaluation of Pontin ATPase inhibitors through a molecular docking approach. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2512-2516.	2.2	14

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91	Vibronic spectra of organic electronic chromophores. <i>RSC Advances</i> , 2014, 4, 55466-55472.	3.6	14
92	Comparing Gas-Liquid Segmented and Tube-in-Tube Setups for the Aerobic Dimerization of Desmethoxycarpacine with an Automated Flow Platform. <i>Organic Process Research and Development</i> , 2020, 24, 745-751.	2.7	14
93	Direct C-H Arylation of Indole- β -Acetic Acid Derivatives Enabled by an Autonomous Self-Optimizing Flow Reactor. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 791-799.	4.3	14
94	Heptylmannose-functionalized cellulose for the binding and specific detection of pathogenic <i>E. coli</i> . <i>Chemical Communications</i> , 2019, 55, 10158-10161.	4.1	13
95	Heck-Matsuda Reaction Catalyzed by Heterogeneous Palladium Catalysts. <i>Current Organic Chemistry</i> , 2015, 19, 695-707.	1.6	13
96	Synthesis and biological evaluation of hydrophilic embelin derivatives. <i>Tetrahedron</i> , 2012, 68, 4655-4663.	1.9	12
97	The promoting effect of pyridine ligands in the Pd-catalysed Heck-Matsuda reaction. <i>New Journal of Chemistry</i> , 2016, 40, 8855-8862.	2.8	12
98	A highly selective colorimetric and fluorescent chemosensor for Cr ²⁺ in aqueous solutions. <i>Tetrahedron Letters</i> , 2017, 58, 505-508.	1.4	11
99	Oxidative Neutralization of Mustard Gas Simulants in an On-Board Flow Device with In-Line NMR Monitoring. <i>Angewandte Chemie</i> , 2017, 129, 7676-7680.	2.0	11
100	Developing flow photo-thiolene functionalizations of cinchona alkaloids with an autonomous self-optimizing flow reactor. <i>Reaction Chemistry and Engineering</i> , 2022, 7, 1346-1357.	3.7	10
101	Fast and Scalable Route to Aryl Polyallyl Dendrons and Dendrimers. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1419-1424.	4.3	9
102	Hydrogen-Bond Accepting Strength of Five-Membered N-Heterocycles: The Case of Substituted Phenylpyrrolines and Myosmines. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 4939-4948.	2.4	9
103	Stereoselectivity of the demethylation of nicotine piperidine homologues by <i>Nicotiana glauca</i> cell suspension cultures. <i>Phytochemistry</i> , 2005, 66, 1890-1897.	2.9	8
104	Reliable and Safe, Gram-Scale Hydrogenation and Hydrogenolysis of O-Benzyl Ether Groups with In Situ Pd/C Catalyst. <i>Synthesis</i> , 2011, 2011, 2893-2896.	2.3	8
105	1,1-Binaphthyl-2-methylpyridinium-Based Peroxophosphotungstate Salts: Synthesis, Characterization, and Their Use as Oxidation Catalysts. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5148-5155.	2.0	7
106	A Multi-Task Palladium Catalyst Involved in Heck-Reduction-Cyclization Sequences for the Preparation of 4-Benzyl-1,2-dihydroisoquinolin-3-ones: An Unusual Homogeneous-Heterogeneous Sustainable Approach. <i>Synlett</i> , 2010, 2010, 1539-1543.	1.8	7
107	The first crystal structure of a free neutral form of a nicotine derivative. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2003, 218, 753-760.	0.8	6
108	Ultra-fast covalent molecular printing on cellulose paper by photo-strain-triggered click ligation: UV LED versus laser irradiations. <i>Journal of Materials Science</i> , 2021, 56, 5006-5014.	3.7	6

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109	An investigation of palladium-catalyzed Stille-type cross-coupling of nitroarenes in perylene diimide series. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 362-365.	2.8	6
110	Synthesis of ¹⁵ N-labelled nornicotine and ¹⁵ N-labelled nicotine. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2001, 44, 881-888.	1.0	4
111	Optimised NMR detection of ¹³ C- ² H double labelling in small molecules. <i>Comptes Rendus Chimie</i> , 2006, 9, 514-519.	0.5	4
112	Harnessing the Dual Properties of Thiol-Grafted Cellulose Paper for Click Reactions: A Powerful Reducing Agent and Adsorbent for Cu. <i>Angewandte Chemie</i> , 2016, 128, 13747-13750.	2.0	4
113	Merging Gradient-Based Methods to Improve Benchtop NMR Spectroscopy: A New Tool for Flow Reaction Optimization. <i>ChemPhysChem</i> , 2020, 21, 2311-2319.	2.1	4
114	Development of a continuous flow synthesis of FGIN-1-27 enabled by in-line ¹⁹ F NMR analyses and optimization algorithms. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 1983-1992.	3.7	3
115	Flow Conditions-Controlled Divergent Oxidative Cyclization of Reticuline-Type Alkaloids to Aporphine and Morphinandienone Natural Products. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	3
116	Synthesis of C3-arylated-3-deazauridine derivatives with potent anti-HSV-1 activities. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 7461-7464.	2.2	2
117	Graphene-catalyzed transacetalization under acid-free conditions. <i>Tetrahedron Letters</i> , 2016, 57, 4637-4639.	1.4	2
118	Enantioselective Reduction of Heteroaromatic ^{1,2} , ³ -Unsaturated Ketones as an Alternative to Allylboration of Aldehydes. Application: Asymmetric Synthesis of SIB-1508Y.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
119	Efficient Access to Chiral trans-2,6-Dialkyl-1,2,5,6-tetrahydropyridines via Allylation of Chiral Imines and Ring-Closing Metathesis.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
120	Recent Advances in the Total Synthesis of Piperidine and Pyrrolidine Natural Alkaloids with Ring-Closing Metathesis as a Key Step. <i>ChemInform</i> , 2004, 35, no.	0.0	0
121	Synthesis of 2,6-Dialkyl-1,2,5,6-tetrahydropyridines and Their Applications in Total Synthesis. <i>ChemInform</i> , 2004, 35, no.	0.0	0
122	History, Chemistry and Biology of Alkaloids from <i>Lobelia inflata</i> .. <i>ChemInform</i> , 2005, 36, no.	0.0	0
123	Practical Pd/C-Mediated Allylic Substitution in Water.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
124	Free-Radical-5-exo-Trig Cyclization of Chiral 3-Silylhepta-1,6-dienes: Concise Approach to the ¹⁰ C Ring Core of Hexacyclinic Acid.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
125	Synthesis of Novel Haptens and Conjugates for Antibody Production against Kainoid Family. <i>Synlett</i> , 2010, 2010, 1943-1946.	1.8	0
126	Synthesis of a Racemic Nicotine-Lobeline Hybrid. <i>Synlett</i> , 2010, 2010, 1631-1634.	1.8	0