

Thomas S A Heugebaert

List of Publications by Year in descending order

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papers

918
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567281

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53
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docs citations

53
times ranked

1465
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Entries to and Biological Activity of Pyrrolopyrimidines. <i>Chemical Reviews</i> , 2016, 116, 80-139.	47.7	140
2	Synthesis of isoindoles and related iso-condensed heteroaromatic pyrroles. <i>Chemical Society Reviews</i> , 2012, 41, 5626.	38.1	85
3	New Strigolactone Analogs as Plant Hormones with Low Activities in the Rhizosphere. <i>Molecular Plant</i> , 2014, 7, 675-690.	8.3	84
4	Biodeposited Pd/Au bimetallic nanoparticles as novel Suzuki catalysts. <i>Tetrahedron Letters</i> , 2012, 53, 1410-1412.	1.4	62
5	Homogeneous Gold-Catalyzed Cyclization Reactions of Alkynes with <i>N</i> - and <i>S</i> -Nucleophiles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2975-3006.	4.3	62
6	Singlet-Oxygen Oxidation of 5-Hydroxymethylfurfural in Continuous Flow. <i>ChemSusChem</i> , 2015, 8, 1648-1651.	6.8	54
7	A Fluorescent Alternative to the Synthetic Strigolactone GR24. <i>Molecular Plant</i> , 2013, 6, 100-112.	8.3	50
8	Gold(III) Chloride Catalyzed Synthesis of 1-Cyanoisoindoles. <i>Organic Letters</i> , 2009, 11, 5018-5021.	4.6	45
9	Preparation of Tetrasubstituted 3-Phosphonopyrroles through Hydroamination: Scope and Limitations. <i>Journal of Organic Chemistry</i> , 2014, 79, 4322-4331.	3.2	31
10	A safe production method for acetone cyanohydrin. <i>Tetrahedron Letters</i> , 2010, 51, 4189-4191.	1.4	28
11	Gold(III) chloride catalysed synthesis of 5-alkylidene-dihydrothiazoles. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 4791.	2.8	25
12	Phosphoramidate pyrabactin analogues as abscisic acid agonists. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5260-5264.	2.8	25
13	Gold superacid-catalyzed preparation of benzo[<i>c</i>]thiophenes. <i>Chemical Communications</i> , 2015, 51, 729-732.	4.1	22
14	Synthetic Entry into 1-Phosphono-3-azabicyclo[3.1.0]hexanes. <i>Journal of Organic Chemistry</i> , 2013, 78, 8232-8241.	3.2	17
15	Safe, Selective, and High-Yielding Synthesis of Acryloyl Chloride in a Continuous-Flow System. <i>ChemSusChem</i> , 2016, 9, 1945-1952.	6.8	15
16	3-Imidoallenylphosphonates: <i>In Situ</i> Formation and β^2 -Alkoxylation. <i>Organic Letters</i> , 2016, 18, 208-211.	4.6	15
17	Electrophilic Bromination in Flow: A Safe and Sustainable Alternative to the Use of Molecular Bromine in Batch. <i>Molecules</i> , 2019, 24, 2116.	3.8	15
18	Synthesis and Biological Activity of Oxazolopyrimidines. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2148-2166.	2.4	14

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19	Arabidopsis Hypocotyl Adventitious Root Formation Is Suppressed by ABA Signaling. <i>Genes</i> , 2021, 12, 1141.	2.4	13
20	A Straightforward Entry to 7-azabicyclo[2.2.1]heptane-1-carbonitriles in the Synthesis of Novel Epibatidine Analogues. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 1017-1020.	2.4	11
21	Design of a Mesoscale Continuous-Flow Route toward Lithiated Methoxyallene. <i>ChemSusChem</i> , 2018, 11, 2248-2254.	6.8	11
22	Gold and Palladium Mediated Bimetallic Catalysis: Mechanistic Investigation through the Isolation of the Organogold(I) Intermediates. <i>ACS Catalysis</i> , 2019, 9, 7862-7869.	11.2	11
23	Fifty Years of (Benz)oxaphospholene Chemistry. <i>Chemistry - A European Journal</i> , 2017, 23, 17413-17431.	3.3	9
24	Domino reaction of a gold catalyzed 5-endo-dig cyclization and a [3,3]-sigmatropic rearrangement towards polysubstituted pyrazoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 9359-9363.	2.8	9
25	Cyclic tri- and Pentavalent Amidoesters and Diamides with a Stereogenic Phosphorus Atom in Asymmetric Synthesis: Part I: Stoichiometric Reagents. <i>Current Organic Chemistry</i> , 2010, 14, 483-499.	1.6	7
26	Synthesis of N-vinyl 2,2-bisphosphonoaziridines from 1,1-bisphosphono-2-aza-1,3-dienes. <i>Tetrahedron Letters</i> , 2011, 52, 4273-4276.	1.4	7
27	On the discovery and development of tandem 1,4- and 1,2-addition of phosphites to 1-azadienes. <i>Arkivoc</i> , 2014, 2014, 386-427.	0.5	7
28	Synthesis of Epibatidine Analogues Having a 2-Substituted 2-Azabicyclo[2.2.2]octane Skeleton. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1296-1304.	2.4	6
29	Efficient continuous-flow benzotriazole activation and coupling of amino acids. <i>Journal of Flow Chemistry</i> , 2015, 5, 220-227.	1.9	6
30	Tandem Addition of Phosphite Nucleophiles Across Unsaturated Nitrogen-Containing Systems: Mechanistic Insights on Regioselectivity. <i>Journal of Organic Chemistry</i> , 2017, 82, 188-201.	3.2	6
31	A chemoselective and continuous synthesis of <i>m</i> -sulfamoylbenzamide analogues. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 303-312.	2.2	6
32	Design and visualization of second-generation cyanoisindole-based fluorescent strigolactone analogs. <i>Plant Journal</i> , 2019, 98, 165-180.	5.7	6
33	Synthesis of 1-substituted epibatidine analogues and their <i>in vitro</i> and <i>in vivo</i> evaluation as $\alpha_4\beta_2$ nicotinic acetylcholine receptor ligands. <i>RSC Advances</i> , 2013, 4, 2226-2234.	3.6	4
34	Practical Ferrioxalate Actinometry for the Determination of Photon Fluxes in Production-Oriented Photoflow Reactors. <i>Organic Process Research and Development</i> , 2022, 26, 2392-2402.	2.7	4
35	Elucidating the Structural Isomerism of Fluorescent Strigolactone Analogue CISA-1. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1211-1217.	2.4	3
36	Atom- and Mass-Economical Continuous Flow Production of 3-Chloropropionyl Chloride and its Subsequent Amidation. <i>Chemistry - A European Journal</i> , 2018, 24, 11779-11784.	3.3	1

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37	Synthesis of Nitrile-Functionalized Polydentate N-Heterocycles as Building Blocks for Covalent Triazine Frameworks. <i>Synthesis</i> , 0, , .	2.3	1
38	Frontispiece: Fifty Years of (Benz)oxaphospholene Chemistry. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
39	Design of a Mesoscale Continuous-Flow Route toward Lithiated Methoxyallene. <i>ChemSusChem</i> , 2018, 11, 1994-1994.	6.8	0