

Philippe Dauban

List of Publications by Year in descending order

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48
papers

4,620
citations

159573

30
h-index

182417

51
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60
all docs

60
docs citations

60
times ranked

2879
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Intramolecular Buchner Reaction: From High Stereoselectivity to Coexistence of Norcaradiene, Cycloheptatriene, and an Intermediate Form in the Solid State. <i>Organic Letters</i> , 2021, 23, 300-304.	4.6	12
2	Late-stage Rh(II)-catalyzed Nitrene Transfer for the Synthesis of Guaianolide Analogs with Enhanced Antiproliferative Activity. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1859-1863.	2.4	2
3	Catalytic Intermolecular C(sp ³)-H Amination: Selective Functionalization of Tertiary C-H Bonds vs Activated Benzylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2021, 143, 6407-6412.	13.7	36
4	Asymmetric Synthesis of Enantiopure Pyrrolidines by C(sp ³)-H Amination of Hydrocarbons. <i>Angewandte Chemie</i> , 2021, 133, 21876-21880.	2.0	3
5	Asymmetric Synthesis of Enantiopure Pyrrolidines by C(sp ³)-H Amination of Hydrocarbons. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 21708-21712.	13.8	12
6	Catalytic Intermolecular C(sp ³)-H Amination with Sulfamates for the Asymmetric Synthesis of Amines. <i>Organic Process Research and Development</i> , 2020, 24, 724-728.	2.7	24
7	Late-stage C-H amination of abietane diterpenoids. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4736-4746.	2.8	5
8	Catalytic Enantioselective Intermolecular Benzylic C(sp ³)-H Amination. <i>Angewandte Chemie</i> , 2019, 131, 8276-8280.	2.0	21
9	Catalytic Enantioselective Intermolecular Benzylic C(sp ³)-H Amination. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8192-8196.	13.8	72
10	Approach to pactamycin analogues using rhodium(II)-catalyzed alkene aziridination and C(sp ³)-H amination reactions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 948-953.	4.5	6
11	Intermolecular Rhodium(II)-Catalyzed Allylic C(sp ³)-H Amination of Cyclic Enamides. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 513-518.	4.3	11
12	Hypervalent organoiodine compounds: from reagents to valuable building blocks in synthesis. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1508-1528.	2.2	35
13	Dirhodium(II)-Mediated Alkene Epoxidation with Iodine(III) Oxidants. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 5836-5842.	2.4	10
14	Catalytic Intramolecular C(sp ³)-H Amination of Carbamimidates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1880-1883.	2.4	9
15	Light-Induced Activation of the Du Bois [Rh ^{II} (Esp) ₂] Catalyst for Nitrogen Atom Transfer Reactions. <i>ChemPhotoChem</i> , 2017, 1, 562-567.	3.0	0
16	Reaction of Ynamides with Iminoiodinane-Derived Nitrenes: Formation of Oxazolones and Polyfunctionalized Oxazolidinones. <i>Journal of Organic Chemistry</i> , 2017, 82, 11897-11902.	3.2	19
17	Transition metal-catalyzed iodine(III)-mediated nitrene transfer reactions: efficient tools for challenging syntheses. <i>Chemical Communications</i> , 2017, 53, 493-508.	4.1	167
18	Optimized Conditions for Passerini-Smiles Reactions and Applications to Benzoxazinone Syntheses. <i>Molecules</i> , 2016, 21, 1257.	3.8	6

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19	Rhodium-Catalyzed Alkene Difunctionalization with Nitrenes. <i>Chemistry - A European Journal</i> , 2016, 22, 9338-9347.	3.3	54
20	The Multiple Facets of Iodine(III) Compounds in an Unprecedented Catalytic Auto-amination for Chiral Amine Synthesis. <i>Angewandte Chemie</i> , 2016, 128, 7656-7659.	2.0	17
21	The Multiple Facets of Iodine(III) Compounds in an Unprecedented Catalytic Auto-amination for Chiral Amine Synthesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7530-7533.	13.8	30
22	Dirhodium(II)-Catalyzed C(sp ³)-H Amination Using Iodine(III) Oxidants. <i>Advances in Organometallic Chemistry</i> , 2015, 64, 77-118.	1.0	41
23	Tandem Catalytic C(sp ³)-H Amination/Silane-Sonogashira-Hagihara Coupling Reactions with Iodine Reagents. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 5697-5701.	13.8	67
24	A Short Asymmetric Synthesis of Octahydroindole Derivatives by Application of Catalytic C(sp ³)-H Amination Reaction. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 66-79.	2.4	15
25	Catalytic Intermolecular Alkene Oxyamination with Nitrenes. <i>Chemistry - A European Journal</i> , 2014, 20, 8929-8933.	3.3	50
26	Catalytic C-H Amination: A Reaction Now Accessible to Engineered Natural Enzymes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6862-6864.	13.8	20
27	7.19 Addition Reactions with Formation of Carbon-Nitrogen Bonds. , 2014, , 538-604.		6
28	Catalytic C-H amination of alkanes with sulfonimidamides: silver(I)-scorpionates vs. dirhodium(II) carboxylates. <i>Tetrahedron</i> , 2013, 69, 4488-4492.	1.9	43
29	Asymmetric Synthesis of Amines through Rhodium-Catalyzed C-H Amination with Sulfonimidoylnitrenes. <i>Synthesis</i> , 2013, 45, 2079-2087.	2.3	25
30	Intermolecular C-H Amination of Complex Molecules: Insights into the Factors Governing the Selectivity. <i>Journal of Organic Chemistry</i> , 2012, 77, 7232-7240.	3.2	82
31	Nitrene Chemistry in Organic Synthesis: Still in Its Infancy?. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7384-7395.	13.8	379
32	Catalytic Selective Oxyamidation of Cyclic Enamides using Nitrenes. <i>Chemistry - A European Journal</i> , 2012, 18, 90-94.	3.3	47
33	Aziridines from Intramolecular Alkene Aziridination of Sulfamates: Reactivity toward Carbon Nucleophiles. Application to the Synthesis of Spisulosine and Its Fluoro Analogue. <i>Journal of Organic Chemistry</i> , 2011, 76, 7438-7448.	3.2	47
34	Catalytic C-H amination: the stereoselectivity issue. <i>Chemical Society Reviews</i> , 2011, 40, 1926.	38.1	564
35	Catalytic Oxyamidation of Indoles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1634-1637.	13.8	112
36	Studies in catalytic C-H amination involving nitrene C-H insertion. <i>Dalton Transactions</i> , 2010, 39, 10401.	3.3	108

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37	Catalytic C-H amination: recent progress and future directions. <i>Chemical Communications</i> , 2009, , 5061.	4.1	732
38	Total Synthesis and Absolute Configuration of the Natural Amino Acid Tetrahydrolathyrine. <i>Journal of Organic Chemistry</i> , 2009, 74, 5331-5336.	3.2	32
39	Toward a Synthetically Useful Stereoselective C-H Amination of Hydrocarbons. <i>Journal of the American Chemical Society</i> , 2008, 130, 343-350.	13.7	352
40	Enantioselective Intramolecular Copper-Catalyzed Aziridination of Sulfamates. <i>Synthesis</i> , 2007, 2007, 1251-1260.	2.3	16
41	N1-Benzoyl-N2-[1-(1-naphthyl)ethyl]-trans-1,2-diaminocyclohexanes: Development of 4-Chlorophenylcarboxamide (Calhex 231) as a New Calcium Sensing Receptor Ligand Demonstrating Potent Calcilytic Activity. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 5119-5128.	6.4	50
42	Efficient Diastereoselective Intermolecular Rhodium-Catalyzed C-H Amination. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4641-4644.	13.8	241
43	Iminoiodane mediated aziridination of $\hat{\pm}$ -allylglycine: access to a novel rigid arginine derivative and to the natural amino acid enduracididine. <i>Tetrahedron</i> , 2004, 60, 5889-5897.	1.9	40
44	Sulfonimidamides: Efficient Chiral Iminoiodane Precursors for Diastereoselective Copper-Catalyzed Aziridination of Olefins. <i>Organic Letters</i> , 2004, 6, 4503-4505.	4.6	88
45	Iminoiodanes and C-N Bond Formation in Organic Synthesis. <i>Synlett</i> , 2003, 2003, 1571-1586.	1.8	261
46	Intramolecular PhIO Mediated Copper-Catalyzed Aziridination of Unsaturated Sulfamates: A New Direct Access to Polysubstituted Amines from Simple Homoallylic Alcohols. <i>Organic Letters</i> , 2002, 4, 2481-2483.	4.6	118
47	Copper-Catalyzed Nitrogen Transfer Mediated by Iodosylbenzene PhIO. <i>Journal of the American Chemical Society</i> , 2001, 123, 7707-7708.	13.7	269
48	N1-Arylsulfonyl-N2-(1-aryl)ethyl-3-phenylpropane-1,2-diamines as novel calcimimetics acting on the calcium sensing receptor. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2000, 10, 2001-2004.	2.2	31