Stefan A France

List of Publications by Year
in descending order

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Version: 2024-02-01

72	3,545	218381	133063
papers	citations	26 h-index	59 g-index

97	97	97	3189
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthetic methodology-enabled discovery of a tunable indole template for COX-1 inhibition and anti-cancer activity. Bioorganic and Medicinal Chemistry, 2022, 57, 116633.	1.4	2
2	Completion of the Set: Synthesis of the (6,Xâ€²)-Flubromazepam Positional Isomers as Standards for Forensic Analysis. Journal of Organic Chemistry, 2022, 87, 813-822.	1.7	0
3	Selective Conversion of Malononitrile and Unprotected Carbohydrates to Bicyclic Polyhydroxyalkyl Dihydrofurans Using Magnesium Oxide as a Recyclable Catalyst. ACS Sustainable Chemistry and Engineering, 2022, 10, 5966-5975.	3.2	2
4	Catalyst-Controlled Chemodivergent Reactions of 2-Pyrrolyl-Î±-diazo-Î²-ketoesters and Enol Ethers: Synthesis of 1,2-Dihydrofuran Acetals and Highly Substituted Indoles. Journal of Organic Chemistry, 2021, 86, 10088-10104.	1.7	7
5	Modulation and Tuning of UiO-66 for Lewis Acid Catalyzed Carbohydrate Conversion: Conversion of Unprotected Aldose Sugars to Polyhydroxyalkyl and C-Glycosyl Furans. ACS Sustainable Chemistry and Engineering, 2021, 9, 11581-11595.	3.2	12
6	Synthesis and Hydrolysis of Atmospherically Relevant Monoterpene-Derived Organic Nitrates. Environmental Science & Technology, 2021, 55, 14595-14606.	4.6	20
7	Efforts towards Rh(II)-catalyzed N-alkoxyazomethine ylide generation: Disparate reactivities of O-tethered Î±-diazo keto and -Î²-ketoester oximes. Tetrahedron, 2020, 76, 131501.	1.0	1
8	Conversion of Unprotected Aldose Sugars to Polyhydroxyalkyl and C-Glycosyl Furans via Zirconium Catalysis. Journal of Organic Chemistry, 2020, 85, 15337-15346.	1.7	13
9	Elucidation of a Sequential Iminium Ion Cascade Reaction Triggered by a Silica Gel-Promoted Aza-Peterson Reaction. Journal of Organic Chemistry, 2020, 85, 15660-15666.	1.7	4
10	Chiral disulfonimides: a versatile template for asymmetric catalysis. Organic and Biomolecular Chemistry, 2020, 18, 7485-7513.	1.5	15
11	Synthesis of Flubromazepam Positional Isomers for Forensic Analysis. Journal of Organic Chemistry, 2019, 84, 10280-10291.	1.7	11
12	Calcium-Catalyzed Formal [5 + 2] Cycloadditions of Alkylidene Î²-Ketoesters with Olefins: Chemodivergent Synthesis of Highly Functionalized Cyclohepta[b]indole Derivatives. Organic Letters, 2019, 21, 7268-7273.	2.4	27
13	Predictive Model for the [Rh₂(esp)₂]-Catalyzed Intermolecular C(sp³)â€“H Bond Insertion of Î²-Carbonyl Ester Carbenes: Interplay between Theory and Experiment. ACS Catalysis, 2019, 9, 4526-4538.	5.5	23
14	Mixing order of sulfate aerosols and isoprene epoxydiols affects secondary organic aerosol formation in chamber experiments. Atmospheric Environment, 2019, 217, 116953.	1.9	12
15	Base-Mediated Cascade Aldol Addition and Fragmentation Reactions of Dihydroxyfumaric Acid and Aromatic Aldehydes: Controlling Chemodivergence via Choice of Base, Solvent, and Substituents. Journal of Organic Chemistry, 2018, 83, 14219-14233.	1.7	6
16	Dehydrative Nazarov-type electrocyclizations of alkenyl (hetero)aryl carbinols via calcium catalysis: Access to cyclopenta[b]thiophenes and indene derivatives. Tetrahedron, 2017, 73, 4093-4108.	1.0	13
17	Î±-Alkylidene-Î³-butyrolactone Formation via Bi(OTf)3-Catalyzed, Dehydrative, Ring-Opening Cyclizations of Cyclopropyl Carbinols: Understanding Substituent Effects and Predicting E/Z Selectivity. Journal of Organic Chemistry, 2017, 82, 10883-10897.	1.7	5
18	Rh^{II}â€Catalyzed Î²â€C(sp²)â^'H Alkylation of Enol Ethers, Enamides and Enecarbamates with Î±â€Diazo Dicarbonyl Compounds. Chemistry - A European Journal, 2017, 23, 1129-1135.	1.7	9

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19	Catalytic, Cascade Ringâ€Opening Benzannulations of 2,3â€Dihydrofuran O,Oâ€•and N,Oâ€Acetals. Chemistry - A European Journal, 2016, 22, 10405-10409.	1.7	14
20	IMDAF Cascade Approach toward the Synthesis of the Alkaloid (Â±)-Minfiensine. Journal of Organic Chemistry, 2016, 81, 10193-10203.	1.7	13
21	Aluminum(III)-Catalyzed, Formal Homo-Nazarov-Type Ring-Opening Cyclizations toward the Synthesis of Functionalized Tetrahydroindolizines. Synthesis, 2016, 48, 1910-1919.	1.2	16
22	Calcium-Catalyzed, Dehydrative, Ring-Opening Cyclizations of Cyclopropyl Carbinols Derived from Donorâ€“Acceptor Cyclopropanes. Organic Letters, 2016, 18, 4218-4221.	2.4	25
23	Catalytic, Interrupted Formal Homo-Nazarov Cyclization with (Hetero)arenes: Access to Î±-(Hetero)aryl Cyclohexanones. Journal of Organic Chemistry, 2016, 81, 8253-8267.	1.7	20
24	The Catalytic, Formal Homoâ€Nazarov Cyclization as a Template for Diversityâ€Oriented Synthesis. Israel Journal of Chemistry, 2016, 56, 499-511.	1.0	29
25	A Tandem, Bicatalytic Continuous Flow Cyclopropanation-Homo-Nazarov-Type Cyclization. Industrial & Engineering Chemistry Research, 2015, 54, 9550-9558.	1.8	15
26	Catalysis and Chemodivergence in the Interrupted, Formal Homo-Nazarov Cyclization Using Allylsilanes. Organic Letters, 2014, 16, 6468-6471.	2.4	29
27	A Catalytic Diastereoselective Formal [5+2] Cycloaddition Approach to Azepino[1,2â€a]indoles: Putative Donorâ€“Acceptor Cyclobutanes as Reactive Intermediates. Angewandte Chemie - International Edition, 2014, 53, 13907-13911.	7.2	70
28	Intramolecular donorâ€“acceptor cyclopropane ring-opening cyclizations. Chemical Society Reviews, 2014, 43, 804-818.	18.7	636
29	Ligands for Glaucoma-Associated Myocilin Discovered by a Generic Binding Assay. ACS Chemical Biology, 2014, 9, 517-525.	1.6	15
30	Catalytic, Formal Homo-Nazarov-Type Cyclizations of Alkylidene Cyclopropane-1,1-Ketoesters: Access to Functionalized Arenes and Heteroaromatics. Organic Letters, 2014, 16, 3788-3791.	2.4	23
31	Functionalized 4-Carboxy- and 4-Keto-2,3-dihydropyrroles via Ni(II)-Catalyzed Nucleophilic Amine Ring-Opening Cyclizations of Cyclopropanes. Journal of Organic Chemistry, 2014, 79, 3030-3039.	1.7	95
32	Acid-Catalyzed Ring-Opening Isomerizations of Cyclopropenes. Synlett, 2012, 23, 2723-2728.	1.0	5
33	Identification of a molecular activator for insulin receptor with potent anti-diabetic effects.. Journal of Biological Chemistry, 2012, 287, 13050.	1.6	1
34	Diastereoselective Synthesis of (Â±)-Deethyleburnamonine Using a Catalytic Cyclopropane Ring-Opening / Friedel-Crafts Alkylation Strategy. Heterocycles, 2012, 84, 1363.	0.4	19
35	A general intramolecular Friedelâ€“Crafts approach to functionalized pyrrolo[3,2,1-ij]quinolin-4-ones. Chemical Communications, 2012, 48, 10337.	2.2	21
36	Indiumâ€Catalyzed Cycloisomerizations of Cyclopropeneâ€3,3â€Dicarbonyl Compounds: Efficient Access to Benzoâ€Fused Heteroaromatics and Heterobiaryls. Angewandte Chemie - International Edition, 2012, 51, 3198-3202.	7.2	45

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37	Novel heat transfer fluids for direct immersion phase change cooling of electronic systems. International Journal of Heat and Mass Transfer, 2012, 55, 3379-3385.	2.5	21
38	A Catalytic Homo-Nazarov Cyclization Protocol for the Synthesis of Heteroaromatic Ring-Fused Cyclohexanones. Organic Letters, 2011, 13, 1952-1955.	2.4	52
39	An efficient synthesis of hydropyrido[1,2-a]indole-6(7H)-ones via an In(iii)-catalyzed tandem cyclopropane ring-opening/Friedelâ€“Crafts alkylation sequence. Chemical Communications, 2011, 47, 10278.	2.2	66
40	Diastereoselective Intramolecular Friedelâ€“Crafts Cyclizations of Substituted Methyl 2-(1H-indole-1-carbonyl)acrylates: Efficient Access to Functionalized 1H-Pyrrolo[1,2-a]indoles. Organic Letters, 2011, 13, 5820-5823.	2.4	40
41	Bromophycolideâ€…A Targets Heme Crystallization in the Human Malaria Parasite Plasmodium falciparum. ChemMedChem, 2011, 6, 1572-1577.	1.6	21
42	Identification of a Molecular Activator for Insulin Receptor with Potent Anti-diabetic Effects. Journal of Biological Chemistry, 2011, 286, 37379-37388.	1.6	30
43	Deoxygedunin, a Natural Product with Potent Neurotrophic Activity in Mice. PLoS ONE, 2010, 5, e11528.	1.1	87
44	Enantio- and Diastereoselective Rh(II)-Catalyzed 1,3-Dipolar Cycloadditions of Carbonyl Ylides and their Recent Applications in Complex Molecule Synthesis. Current Organic Synthesis, 2010, 7, 332-347.	0.7	14
45	A Synthetic 7,8-Dihydroxyflavone Derivative Promotes Neurogenesis and Exhibits Potent Antidepressant Effect. Journal of Medicinal Chemistry, 2010, 53, 8274-8286.	2.9	182
46	Indium-Catalyzed Homo-Nazarov Cyclizations of Alkenyl Cyclopropyl Ketones. Organic Letters, 2010, 12, 5684-5687.	2.4	44
47	Cycloaddition studies directed toward the strychnos alkaloid minfiensine. Tetrahedron Letters, 2009, 50, 3145-3147.	0.7	14
48	Cycloaddition Across the Benzofuran Ring as an Approach to the Morphine Alkaloids. Journal of Organic Chemistry, 2008, 73, 8120-8123.	1.7	22
49	Rhodium Carbenoid Induced Cycloadditions of Diazo Ketoimides Across Indolyl Ï€-Bonds. Synlett, 2007, 2007, 0775-0779.	1.0	3
50	A Mechanistic Study on the Catalytic, Asymmetric Î±-Bromination of Acid Chlorides. European Journal of Organic Chemistry, 2007, 2007, 1091-1100.	1.2	28
51	A dipolar cycloaddition approach toward the kopsifoline alkaloid framework. Tetrahedron, 2007, 63, 5962-5976.	1.0	51
52	Preparation of 2-diazo-2-oxopiperidin-3-yl-3-oxopropanoates. Useful reagents for Rh(II)-catalyzed cyclization-cycloaddition chemistry. Arkivoc, 2007, 2007, 125-138.	0.3	1
53	Scalable Methodology for the Catalytic, Asymmetric Î±-Bromination of Acid Chlorides. Journal of Organic Chemistry, 2006, 71, 8946-8949.	1.7	35
54	Cycloaddition Protocol for the Assembly of the Hexacyclic Framework Associated with the Kopsifoline Alkaloids. Organic Letters, 2006, 8, 5141-5144.	2.4	48

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55	Photodesulfonylation of indoles initiated by electron transfer from triethylamine. Tetrahedron Letters, 2006, 47, 2409-2412.	0.7	26
56	A column-based â€˜flush and flowâ€™ system for the asymmetric Î±-chlorination of acid halides. Tetrahedron: Asymmetry, 2005, 16, 3481-3483.	1.8	50
57	Recent Developments in Catalytic, Asymmetric Î±â€Halogenation: A New Frontier in Asymmetric Catalysis. European Journal of Organic Chemistry, 2005, 2005, 475-479.	1.2	121
58	Recent Developments in Catalytic, Asymmetric ?-Halogenation: A New Frontier in Asymmetric Catalysis. ChemInform, 2005, 36, no.	0.1	0
59	Bifunctional Lewis Acid-Nucleophile-Based Asymmetric Catalysis:â€‰ Mechanistic Evidence for Imine Activation Working in Tandem with Chiral Enolate Formation in the Synthesis of Î²-Lactams. Journal of the American Chemical Society, 2005, 127, 1206-1215.	6.6	186
60	Performing the Synthesis of a Complex Molecule on Sequentially Linked Columns:â€‰ Toward the Development of a â€œSynthesis Machineâ€• Organic Letters, 2005, 7, 3009-3012.	2.4	62
61	Catalytic, Asymmetric Î±-Chlorination of Acid Halides.. ChemInform, 2004, 35, no.	0.1	0
62	Development of a New Dimeric Cyclophane Ligand: Application to Enhanced Diastereo- and Enantioselectivity in the Catalytic Synthesis of Î²-Lactams.. ChemInform, 2004, 35, no.	0.1	0
63	Advances in the Catalytic, Asymmetric Synthesis of Î²-Lactams. ChemInform, 2004, 35, no.	0.1	0
64	Development of a New Dimeric Cyclophane Ligand:Â Application to Enhanced Diastereo- and Enantioselectivity in the Catalytic Synthesis of Î²-Lactams. Journal of Organic Chemistry, 2004, 69, 4531-4533.	1.7	31
65	Catalytic, Asymmetric Î±-Chlorination of Acid Halides. Journal of the American Chemical Society, 2004, 126, 4245-4255.	6.6	120
66	Advances in the Catalytic, Asymmetric Synthesis of Î²-Lactams. Accounts of Chemical Research, 2004, 37, 592-600.	7.6	208
67	Nucleophilic Chiral Amines as Catalysts in Asymmetric Synthesis. ChemInform, 2003, 34, no.	0.1	0
68	Nucleophilic Chiral Amines as Catalysts in Asymmetric Synthesis. Chemical Reviews, 2003, 103, 2985-3012.	23.0	481
69	Bicarbonate Salts as Cost-Effective Bases for the Synthesis of Ketenes and Their Synthetic Equivalents Applied to the Asymmetric Synthesis of Î²-Lactams. Synlett, 2003, 2003, 1937-1939.	1.0	1
70	Generation of Ketenes from Acid Chlorides Using NaH/Crown Ether Shuttle-Deprotonation for Use in Asymmetric Catalysis. Organic Letters, 2002, 4, 627-629.	2.4	72
71	Bifunctional Asymmetric Catalysis:â€‰ A Tandem Nucleophile/Lewis Acid Promoted Synthesis of Î²-Lactams. Organic Letters, 2002, 4, 1603-1605.	2.4	109
72	Rh(II)â€catalyzed Intermolecular Benzylic C(sp3)â€H Alkylation of Methylâ€substituted Arenes by Nâ€Arylâ€Î±â€diazoâ€Î²â€amidoesters. ChemCatChem, 0, , .	1.8	0