Florian Jaroschik

List of Publications by Year
in descending order

49 papers	1,756 citations	394421 19 h-index	276875 41 g-index
59 all docs	59 docs citations	59 times ranked	1593 citing authors

#	Article	IF	Citations
1	Recent Applications of Rare Earth Complexes in Photoredox Catalysis for Organic Synthesis. Current Organic Chemistry, 2022, 26, 6-41.	1.6	9
2	Selective carbon-phosphorus bond cleavage: expanding the toolbox for accessing bulky divalent lanthanoid sandwich complexes. Chemical Communications, 2022, 58, 4344-4347.	4.1	4
3	Organic Synthesis with Elemental Lanthanides â€“ Going Beyond Samarium and Ytterbium. European Journal of Organic Chemistry, 2022, 2022, .	2.4	9
4	Photoâ€Induced Halogenâ€Atom Transfer: Generation of Halide Radicals for Selective Hydrohalogenation Reactions. Chemistry - A European Journal, 2022, 28, .	3.3	6
5	Tuning the Regioselective Functionalization of Trifluoromethylated Dienes via Lanthanumâ€Mediated Single Câ^'F Bond Activation. Chemistry - A European Journal, 2021, 27, 4016-4021.	3.3	9
6	Lanthanides and actinides: Annual survey of their organometallic chemistry covering the year 2019. Coordination Chemistry Reviews, 2021, 437, 213830.	18.8	21
7	Diastereoselective Synthesis of Axially Chiral Xylose-Derived 1,3-Disubstituted Alkoxyallenes: Scope, Structure, and Mechanism. Journal of Organic Chemistry, 2020, 85, 10681-10694.	3.2	6
8	Lanthanides and actinides: Annual survey of their organometallic chemistry covering the year 2018. Coordination Chemistry Reviews, 2019, 398, 113005.	18.8	29
9	Aerobic and Ligand-Free Manganese-Catalyzed Homocoupling of Arenes or Aryl Halides via in Situ Formation of Aryllithiums. Journal of Organic Chemistry, 2019, 84, 4413-4420.	3.2	19
10	[â€‹4+2] versus [â€‹2+2] Homodimerization in P(V) Derivatives of 2,4-Disubstituted Phospholes. Heteroatom Chemistry, 2019, 2019, 1-10.	0.7	1
11	Frontispiece: Picking One out of Three: Selective Single Câ^'F Activation in Trifluoromethyl Groups. Chemistry - A European Journal, 2018, 24, .	3.3	0
12	Picking One out of Three: Selective Single Câ^'F Activation in Trifluoromethyl Groups. Chemistry - A European Journal, 2018, 24, 14572-14582.	3.3	137
13	Application of Elemental Lanthanides in the Selective C-F Activation of Trifluoromethylated Benzofulvenes Providing Access to Various Difluoroalkenes. Journal of Visualized Experiments, 2018, , .	0.3	0
14	Recent Advances in the Chemistry of Pentafulvenes. Chemical Reviews, 2017, 117, 3930-3989.	47.7	116
15	Lewis Acid Catalyzed Three-Component [3+2] Cycloaddition Reaction Using Pentafulvene as 2Ï€ Component: An Easy Way to Construct Pentaleno(1,2-b)indoles. Synlett, 2017, 28, 951-956.	1.8	7
16	Synthesis, Characterization and Reactivity of Formal 20 Electron Zirconocene-Pentafulvene Complexes. Organometallics, 2017, 36, 2004-2013.	2.3	12
17	Generation of Ïµ,Ïµâ€Difluorinated Metalâ€Pentadienyl Species through Lanthanideâ€Mediated Câ^'F Activation. Chemistry - A European Journal, 2017, 23, 16460-16465.	3.3	21
18	Single or Synergistic Kinetic Resolutions of Chiral Allylalanes: Two Complementary Routes for the Asymmetric Synthesis of Syn Homoallylamines. Organic Letters, 2017, 19, 6728-6731.	4.6	6

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19	Lewis Acid Promoted Regioselective Double Hydro(hetero)arylation of 6,6â€²â€Dialkylâ€Substituted Pentafulvenes: A Facile Approach to Bisindole Derivatives. European Journal of Organic Chemistry, 2017, 2017, 4469-4474.	2.4	1
20	(+)-Camphor-mediated kinetic resolution of allylalanes: a strategy towards enantio-enriched cyclohex-2-en-1-ylalane. Chemical Communications, 2017, 53, 111-114.	4.1	3
21	Zirconocenes vs. Alanes: a Crucial Choice of the Allyl Source for Highly Diastereoselective Allylzincation of Nonracemic Chiral Imines. European Journal of Organic Chemistry, 2016, 2016, 2319-2327.	2.4	8
22	Assessing Ligand and Counterion Effects in the Noble Metal Catalyzed Cycloisomerization Reactions of 1,6-Allenynes: a Combined Experimental and Theoretical Approach. ACS Catalysis, 2016, 6, 5146-5160.	11.2	50
23	Synthesis and Characterization of 1,1â€²-Diphosphaplumbocenes: Oxidative Ligand Transfer Reactions with Divalent Thulium Complexes. Organometallics, 2016, 35, 2032-2038.	2.3	17
24	Cyclopent-2-enylaluminium as allylzinc precursor for the diastereoselective allylmetallation of non-racemic imines: applications to the synthesis of enantiomerically enriched heterocycles. Organic and Biomolecular Chemistry, 2016, 14, 69-73.	2.8	6
25	Lewis Acid Catalyzed Regioselective Hydroheteroarylation of Pentafulvenes. Organic Letters, 2016, 18, 964-967.	4.6	11
26	Titanium and Zirconium Hydride-Catalyzed Regioselective Isomerization of 1,4-Dihydrofulvenes: Access to 1-Substituted 1,2-Dihydrofulvenes. Organic Letters, 2015, 17, 6202-6205.	4.6	7
27	Bulky Group 2 Octaphenylmetallocenes and Direct Access to Calcium and Ytterbium Pseudo-Grignard Complexes. Organometallics, 2015, 34, 2369-2377.	2.3	22
28	Lewis acid catalyzed C-3 alkylidenecyclopentenylation of indoles: an easy access to functionalized indoles and bisindoles. RSC Advances, 2015, 5, 38075-38084.	3.6	6
29	Divalent Tetra- and Penta-phenylcyclopentadienyl Europium and Samarium Sandwich and Half-Sandwich Complexes: Synthesis, Characterization, and Remarkable Luminescence Properties. Organometallics, 2015, 34, 5624-5636.	2.3	77
30	Titanocene dichloride complexes bonded to carbosilane dendrimers via a spacer of variable length â€“ Molecular dynamics calculations and catalysis of allylic coupling reactions. Inorganica Chimica Acta, 2014, 409, 137-146.	2.4	6
31	Titaniumâ€Catalyzed Hydroalumination of Conjugated Dienes: Access to Fulveneâ€Derived Allylaluminium Reagents and Their Diastereoselective Reactions with Carbonyl Compounds. Chemistry - A European Journal, 2014, 20, 5433-5438.	3.3	15
32	Fullerene matrices in the MALDI-TOF mass spectroscopic characterisation of organometallic compounds. Journal of Organometallic Chemistry, 2014, 751, 482-492.	1.8	14
33	Reactivity differences between 2,4- and 2,5-disubstituted zirconacyclopentadienes: a highly selective and general approach to 2,4-disubstituted phospholes. Dalton Transactions, 2013, 42, 10997.	3.3	20
34	Pentafulvene-derived Î·3-allyltitanocenes as intermediates for the stereoselective functionalization of 5-membered carbocycles. Chemical Communications, 2013, 49, 4549.	4.1	9
35	Synthesis and characterisation of alkaline earth bis(diphenylphosphano)metallocene complexes and heterobimetallic alkaline earth metal/platinum(<scp>ii</scp>) complexes [Ae(thf)_x(Î·⁵-C₅H₄PPh₂)₂Pt(Me)₂] (Ae = Ca, Sr, Ba). Dalton Transactions, 2012, 41, 267-277.	3.3	20
36	Carbosilane Metallodendrimers with Titanocene Dichloride End Groups. Organometallics, 2012, 31, 6779-6786.	2.3	13

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37	Tracking gold acetylides in gold(i)-catalyzed cycloisomerization reactions of enynes. Chemical Science, 2011, 2, 2417.	7.4	97
38	Synthesis of samarium(ii) borohydrides and their behaviour as initiators in styrene and Îµ-caprolactone polymerisation. Dalton Transactions, 2010, 39, 6761.	3.3	36
39	Dinitrogen Reduction and Cï£¿H Activation by the Divalent Organoneodymium Complex [(C₅H₂tBu₃)₂Nd(Î¼â€¦)K([18]crownâ€¦6)]. Angewandte Chemie - International Edition, 2009, 48, 1117-1121.	13.8	110
40	Sterically hindered cyclopentadienyl and phospholyl ligands in dysprosium chemistry. Polyhedron, 2009, 28, 2744-2748.	2.2	16
41	Accessing Decaphenylmetallocenes of Ytterbium, Calcium, and Barium by Desolvation of Solvent-Separated Ion Pairs: Overcoming Adverse Solubility Properties. Organometallics, 2008, 27, 4772-4778.	2.3	72
42	Mono-phosphacyclopentadienyl bis(tetramethylaluminate) lanthanide complexes. Dalton Transactions, 2007, , 4866.	3.3	45
43	Synthesis and Reactivity of Organometallic Complexes of Divalent Thulium with Cyclopentadienyl and Phospholyl Ligands. Organometallics, 2007, 26, 3552-3558.	2.3	87
44	Synthesis, Characterization, and Reactivity of Mono(phospholyl)lanthanoid(III) Bis(dimethylaminobenzyl) Complexes. Organometallics, 2007, 26, 5654-5660.	2.3	85
45	Isolation of Stable Organodysprosium(II) Complexes by Chemical Reduction of Dysprosium(III) Precursors. Organometallics, 2007, 26, 1123-1125.	2.3	100
46	Synthesis and Application of Phosphorus Dendrimer Immobilized Azabis(oxazolines). Organic Letters, 2007, 9, 2895-2898.	4.6	84
47	Thulium Alkylidene Complexes:Â Synthesis, X-ray Structures, and Reactivity. Organometallics, 2006, 25, 1329-1332.	2.3	101
48	Synthesis of a new stable, neutral organothulium(ii) complex by reduction of a thulium(iii) precursor. Chemical Communications, 2006, , 426-428.	4.1	47
49	New mono- and bis-carbene samarium complexes: synthesis, X-ray crystal structures and reactivity. Chemical Communications, 2005, , 5178.	4.1	130