

Christophe Fliedel

List of Publications by Year in descending order

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236612

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1841
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#	ARTICLE	IF	CITATIONS
1	Structurally well-defined group 4 metal complexes as initiators for the ring-opening polymerization of lactide monomers. <i>Dalton Transactions</i> , 2013, 42, 9007.	1.6	263
2	Recent advances in S-functionalized N-heterocyclic carbene ligands: From the synthesis of azolium salts and metal complexes to applications. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 286-300.	0.8	95
3	Functional Short-Bite Ligands: Synthesis, Coordination Chemistry, and Applications of <i>N</i> -Functionalized Bis(diaryl/dialkylphosphino)amine-type Ligands. <i>Chemical Reviews</i> , 2016, 116, 9237-9304.	23.0	95
4	Group 13 metal (Al, Ga, In, Tl) complexes supported by heteroatom-bonded carbene ligands. <i>Coordination Chemistry Reviews</i> , 2014, 275, 63-86.	9.5	91
5	Thioether-Functionalized N-Heterocyclic Carbenes: Mono- and Bis-(<i>S</i> -, <i>C</i> -NHC) Palladium Complexes, Catalytic $C-C$ Coupling, and Characterization of a Unique $Ag_4I_4(S-C-NHC)_2$ Planar Cluster. <i>Organometallics</i> , 2010, 29, 5614-5626.	1.1	78
6	Organoaluminum Species in Homogeneous Polymerization Catalysis. <i>Topics in Organometallic Chemistry</i> , 2012, , 125-171.	0.7	75
7	Neutral and Cationic N-Heterocyclic Carbene Zinc Adducts and the $BnOH/Zn(C_6F_5)_2$ Binary Mixture – Characterization and Use in the Ring-Opening Polymerization of ϵ -Butyrolactone, Lactide, and Trimethylene Carbonate. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3699-3709.	1.0	64
8	P,O-Phosphinophenolate zinc (μ -) species: synthesis, structure and use in the ring-opening polymerization (ROP) of lactide, μ -caprolactone and trimethylene carbonate. <i>Dalton Transactions</i> , 2015, 44, 12376-12387.	1.6	56
9	Accessing Two-Coordinate $Zn(II)$ Organocations by NHC Coordination: Synthesis, Structure, and Use as σ -Lewis Acids in Alkene, Alkyne, and CO_2 Hydrosilylation. <i>Chemistry - A European Journal</i> , 2017, 23, 15908-15912.	1.7	56
10	Highly active zinc alkyl cations for the controlled and immortal ring-opening polymerization of μ -caprolactone. <i>Dalton Transactions</i> , 2012, 41, 3377.	1.6	55
11	Versatile coordination modes of novel hemilabile S-NHC ligands. <i>Dalton Transactions</i> , 2009, , 2474.	1.6	51
12	NHC Bis-Phenolate Aluminum Chelates: Synthesis, Structure, and Use in Lactide and Trimethylene Carbonate Polymerization. <i>Organometallics</i> , 2014, 33, 5730-5739.	1.1	47
13	N-Heterocyclic Carbene Based Triorganylzinc Alkyl Cations: Synthesis, Structures, and Use in CO_2 Functionalization. <i>Chemistry - A European Journal</i> , 2017, 23, 5509-5519.	1.7	43
14	Chiral N-heterocyclic carbene ligands with additional chelating group(s) applied to homogeneous metal-mediated asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2019, 394, 65-103.	9.5	43
15	Impact of Organometallic Intermediates on Copper-Catalyzed Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 4079-4090.	2.2	42
16	Synthesis of N,N TM -bis(thioether)-functionalized imidazolium salts: their reactivity towards Ag and Pd complexes and first S,CNHC,S free carbene. <i>Dalton Transactions</i> , 2010, 39, 8820.	1.6	40
17	Controlled ring-opening polymerization of trimethylene carbonate and access to PTMC-PLA block copolymers mediated by well-defined <i>N</i> -heterocyclic carbene zinc alkoxides. <i>Applied Organometallic Chemistry</i> , 2014, 28, 504-511.	1.7	40
18	Combined Experimental and Theoretical Study of Bis(diphenylphosphino)(<i>N</i> -thioether)amine-Type Ligands in Nickel(II) Complexes for Catalytic Ethylene Oligomerization. <i>Organometallics</i> , 2014, 33, 2523-2534.	1.1	37

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19	Dinuclear Zincâ€Nâ€Heterocyclic Carbene Complexes for Either the Controlled Ringâ€Opening Polymerization of Lactide or the Controlled Degradation of Polylactide Under Mild Conditions. <i>ChemCatChem</i> , 2014, 6, 1357-1367.	1.8	33
20	Influence of a thioether function in short-bite diphosphine ligands on the nature of their silver complexes: structure of a trinuclear complex and of a coordination polymer. <i>Dalton Transactions</i> , 2013, 42, 12109.	1.6	32
21	Cationic and Neutral (Ar-BIAN)Copper(I) Complexes Containing Phosphane and Arsane Ancillary Ligands: Synthesis, Molecular Structure and Catalytic Behaviour in Cycloaddition Reactions of Azides and Alkynes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1404-1417.	1.0	30
22	Palladium(II) complexes of a bis-2-aminobiphenyl N-heterocyclic carbene: Synthesis, structural studies and catalytic activity. <i>Inorganica Chimica Acta</i> , 2007, 360, 143-148.	1.2	29
23	Reductive Termination of Cyanoisopropyl Radicals by Copper(I) Complexes and Proton Donors: Organometallic Intermediates or Coupled Protonâ€Electron Transfer?. <i>Inorganic Chemistry</i> , 2019, 58, 6445-6457.	1.9	28
24	Unusual Benzyl Migration Reactivity in NHC-Bearing Group 4 Metal Chelates: Synthesis, Characterization, and Mechanistic Investigations. <i>Organometallics</i> , 2015, 34, 4854-4863.	1.1	25
25	Solventâ€Dependent Reversible Ligand Exchange in Nickel Complexes of a Monosulfide Bis(diphenylphosphino)(<i>N</i> -thioether)amine. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1795-1805.	1.7	23
26	Homolytically weak metal-carbon bonds make robust controlled radical polymerizations systems for â€less-activated monomersâ€. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 241-252.	0.8	23
27	Copper(<i>sc</i>) complexes of bis(aryl-imino)acenaphthene ligands: synthesis, structure, DFT studies and evaluation in reverse ATRP of styrene. <i>Dalton Transactions</i> , 2014, 43, 13041.	1.6	22
28	Mononuclear salen-gallium complexes for iso-selective ring-opening polymerization (ROP) of rac-lactide. <i>Dalton Transactions</i> , 2017, 46, 12824-12834.	1.6	21
29	Impact of Catalyzed Radical Termination (CRT) and Reductive Radical Termination (RRT) in Metalâ€Mediated Radical Polymerization Processes. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4489-4499.	1.0	21
30	Bromoalkyl ATRP initiator activation by inorganic salts: experiments and computations. <i>Polymer Chemistry</i> , 2019, 10, 2376-2386.	1.9	21
31	Mono-, Di- and Tetranuclear Complexes and Clusters With Bromine-Functionalized Bis(diphenylphosphino)amine Ligands. <i>Journal of Cluster Science</i> , 2010, 21, 397-415.	1.7	20
32	Catalyzed Chain Transfer in Vinyl Acetate Polymerization Mediated by 9-Oxyphenalenone Cobalt(II) Complexes. <i>ACS Macro Letters</i> , 2017, 6, 959-962.	2.3	20
33	Fluoroalkyl Radical Generation by Homolytic Bond Dissociation in Pentacarbonylmanganese Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 296-308.	1.7	19
34	Janus Microspheres for Visual Assessment of Molecular Interconnects. <i>Chemistry - A European Journal</i> , 2014, 20, 1263-1266.	1.7	16
35	FeBr ₂ -Catalyzed Bulk ATRP Promoted by Simple Inorganic Salts. <i>Macromolecules</i> , 2019, 52, 5366-5376.	2.2	15
36	Unsymmetrical Chelation of N-Thioether-Functionalized Bis(diphenylphosphino)amine-Type Ligands and Substituent Effects on the Nuclearity of Iron(II) Complexes: Structures, Magnetism, and Bonding. <i>Inorganic Chemistry</i> , 2015, 54, 6547-6559.	1.9	14

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37	Facile and Room-Temperature Activation of C _{sp3} -Cl Bonds by Cheap and Air-Stable Nickel(II) Complexes of (<i>N</i>-Thioether) DPPA-Type Ligands. <i>Organometallics</i> , 2015, 34, 2255-2260.	1.1	14
38	Mono- and polynuclear Ag(<i><sc>i</sc></i>) complexes of N-functionalized bis(diphenylphosphino)amine DPPA-type ligands: synthesis, solid-state structures and reactivity. <i>Dalton Transactions</i> , 2017, 46, 5571-5586.	1.6	14
39	Recent Representative Advances on the Synthesis and Reactivity of (<i>N</i>-Heterocyclic)Carbene-Supported Zinc Complexes. <i>Chemical Record</i> , 2021, 21, 1130-1143.	2.9	14
40	Zwitterionic Cobalt Complexes with Bis(diphenylphosphino)(N-thioether)amine Assembling Ligands: Structural, EPR, Magnetic, and Computational Studies. <i>Inorganic Chemistry</i> , 2016, 55, 4183-4198.	1.9	11
41	Core-Cross-Linked Micelles Made by RAFT Polymerization with a Polycationic Outer Shell Based on Poly(1-methyl-4-vinylpyridinium). <i>Macromolecules</i> , 2020, 53, 2198-2208.	2.2	10
42	Coordination chemistry of neutral mono-oxide, sulfide and selenide bis(diphenylphosphino)amine (DPPA)-based ligands and their N-substituted/functionalized derivatives. <i>Coordination Chemistry Reviews</i> , 2018, 355, 1-26.	9.5	8
43	Acetylacetonato cobalt(III) and iron(III) complexes of picolylamine- and aminopropylamine-bis(phenolate) ligands: Synthesis, characterization and crystal structures. <i>Polyhedron</i> , 2019, 158, 83-90.	1.0	8
44	Ligand- and solvent-free ATRP of MMA with FeBr ₃ and inorganic salts. <i>Polymer Chemistry</i> , 2020, 11, 1375-1385.	1.9	8
45	Fluoroalkyl Pentacarbonylmanganese(I) Complexes as Initiators for the Radical (co)Polymerization of Fluoromonomers. <i>Polymers</i> , 2020, 12, 384.	2.0	7
46	Triphenylphosphine-Functionalized Core-Cross-Linked Micelles and Nanogels with a Polycationic Outer Shell: Synthesis and Application in Rhodium-Catalyzed Biphasic Hydrogenations. <i>Chemistry - A European Journal</i> , 2021, 27, 5205-5214.	1.7	7
47	Rhodium nanoparticles inside well-defined unimolecular amphiphilic polymeric nanoreactors: synthesis and biphasic hydrogenation catalysis. <i>Nanoscale Advances</i> , 2021, 3, 2554-2566.	2.2	7
48	Core-crosslinked micelles with a poly-anionic poly(styrene sulfonate)-based outer shell made by RAFT polymerization. <i>Polymer</i> , 2022, 243, 124640.	1.8	6
49	Reactivity of TCNE and TCNQ derivatives of quinonoid zwitterions with Cu(<i><sc>i</sc></i>). <i>Dalton Transactions</i> , 2015, 44, 5441-5450.	1.6	4
50	Homolytic Bond Strength and Radical Generation from (1-carbomethoxyethyl)pentacarbonylmanganese(I). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4228-4233.	1.0	4
51	Thermal Decomposition of Fluoroalkyl Pentacarbonylmanganese(I) Derivatives by \pm -Fluorine Elimination. <i>Organometallics</i> , 2019, 38, 1021-1030.	1.1	4
52	Reversible Homolysis of Metal-Carbon Bonds. , 2022, , 31-85.		2
53	Cobalt complexes of an OSNSO-tetrapodal pentadentate ligand: Synthesis, structures and reactivity. <i>Inorganica Chimica Acta</i> , 2021, 518, 120215.	1.2	1
54	Crystal structure of pentacarbonyl(2,2-difluoropropanethioato- η^5 -S)manganese(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 529-532.	0.2	0

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55	In Celebration of the 65 th Birthday of Rinaldo Poli. European Journal of Inorganic Chemistry, 0, , .	1.0	0