

# Christophe Fliedel

## List of Publications by Year in descending order

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docs citations

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1841  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Homolysis of Metal-Carbon Bonds. , 2022, , 31-85.		2
2	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
3	Triphenylphosphineâ€Functionalized Coreâ€Crossâ€Linked Micelles and Nanogels with a Polycationic Outer Shell: Synthesis and Application in Rhodiumâ€Catalyzed Biphasic Hydrogenations. <i>Chemistry - A European Journal</i> , 2021, 27, 5205-5214.	1.7	7
4	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
5	Cobalt complexes of an OSNSO-tetrapodal pentadentate ligand: Synthesis, structures and reactivity. <i>Inorganica Chimica Acta</i> , 2021, 518, 120215.	1.2	1
6	Recent Representative Advances on the Synthesis and Reactivity of $\sigma$ -Heterocyclicâ€Carbeneâ€Supported Zinc Complexes. <i>Chemical Record</i> , 2021, 21, 1130-1143.	2.9	14
7	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
8	Ligand- and solvent-free ATRP of MMA with $\text{FeBr}_3$ and inorganic salts. <i>Polymer Chemistry</i> , 2020, 11, 1375-1385.	1.9	8
9	Fluoroalkyl Pentacarbonylmanganese(I) Complexes as Initiators for the Radical (co)Polymerization of Fluoromonomers. <i>Polymers</i> , 2020, 12, 384.	2.0	7
10	$\text{FeBr}_2$ -Catalyzed Bulk ATRP Promoted by Simple Inorganic Salts. <i>Macromolecules</i> , 2019, 52, 5366-5376.	2.2	15
11	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
12	Impact of Organometallic Intermediates on Copper-Catalyzed Atom Transfer Radical Polymerization. <i>Macromolecules</i> , 2019, 52, 4079-4090.	2.2	42
13	Homolytic Bond Strength and Radical Generation from (1â€Carbomethoxyethyl)pentacarbonylmanganese(I). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4228-4233.	1.0	4
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	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
16	Bromoalkyl ATRP initiator activation by inorganic salts: experiments and computations. <i>Polymer Chemistry</i> , 2019, 10, 2376-2386.	1.9	21
17	Fluoroalkyl Radical Generation by Homolytic Bond Dissociation in Pentacarbonylmanganese Derivatives. <i>Chemistry - A European Journal</i> , 2019, 25, 296-308.	1.7	19
18	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

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19	Homolytically weak metal-carbon bonds make robust controlled radical polymerizations systems for $\sigma$ -less-activated monomers. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 241-252.	0.8	23
20	Thermal Decomposition of Fluoroalkyl Pentacarbonylmanganese(I) Derivatives by $\beta$ -Fluorine Elimination. <i>Organometallics</i> , 2019, 38, 1021-1030.	1.1	4
21	Crystal structure of pentacarbonyl(2,2-difluoropropanethioato- $\lambda^5$ -S)manganese(I). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 529-532.	0.2	0
22	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
23	N-Heterocyclic Carbene Based Triorganylzinc Alkyl Cations: Synthesis, Structures, and Use in CO <sub>2</sub> Functionalization. <i>Chemistry - A European Journal</i> , 2017, 23, 5509-5519.	1.7	43
24	Mono- and polynuclear Ag( <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
25	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
26	Accessing Two-coordinate Zn <sup>II</sup> Organocations by NHC Coordination: Synthesis, Structure, and Use as $\sigma$ -Lewis Acids in Alkene, Alkyne, and CO <sub>2</sub> Hydrosilylation. <i>Chemistry - A European Journal</i> , 2017, 23, 15908-15912.	1.7	56
27	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
28	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
29	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
30	Reactivity of TCNE and TCNQ derivatives of quinonoid zwitterions with Cu( <i>sc</i> ). <i>Dalton Transactions</i> , 2015, 44, 5441-5450.	1.6	4
31	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
32	P,O-Phosphinophenolate zinc( <i>sc</i> ) species: synthesis, structure and use in the ring-opening polymerization (ROP) of lactide, $\mu$ -caprolactone and trimethylene carbonate. <i>Dalton Transactions</i> , 2015, 44, 12376-12387.	1.6	56
33	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
34	Facile and Room-Temperature Activation of C <sub>sp3</sub> -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
35	Dinuclear Zinc-N-Heterocyclic Carbene Complexes for Either the Controlled Ring-Opening Polymerization of Lactide or the Controlled Degradation of Polylactide Under Mild Conditions. <i>ChemCatChem</i> , 2014, 6, 1357-1367.	1.8	33
36	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

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37	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
38	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
39	Copper( <i>scp</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
40	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
41	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
42	Janus Microspheres for Visual Assessment of Molecular Interconnects. <i>Chemistry - A European Journal</i> , 2014, 20, 1263-1266.	1.7	16
43	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
44	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
45	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
46	Neutral and Cationic <i>N</i> -Heterocyclic Carbene Zinc Adducts and the BnOH/Zn(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> Binary Mixture – Characterization and Use in the Ring-Opening Polymerization of $\epsilon$ -Butyrolactone, Lactide, and Trimethylene Carbonate. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 3699-3709.	1.0	64
47	Solvent-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
48	Highly active zinc alkyl cations for the controlled and immortal ring-opening polymerization of $\epsilon$ -caprolactone. <i>Dalton Transactions</i> , 2012, 41, 3377.	1.6	55
49	Organoaluminum Species in Homogeneous Polymerization Catalysis. <i>Topics in Organometallic Chemistry</i> , 2012, , 125-171.	0.7	75
50	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
51	Thioether-Functionalized <i>N</i> -Heterocyclic Carbenes: Mono- and Bis( <i>S</i> , <i>C</i> -NHC) Palladium Complexes, Catalytic C-C Coupling, and Characterization of a Unique Ag <sub>4</sub> Cl <sub>4</sub> ( <i>S</i> , <i>C</i> -NHC) <sub>2</sub> Planar Cluster. <i>Organometallics</i> , 2010, 29, 5614-5626.	1.1	78
52	Synthesis of <i>N,N</i> -bis(thioether)-functionalized imidazolium salts: their reactivity towards Ag and Pd complexes and first <i>S</i> , <i>C</i> , <i>NHC</i> , <i>S</i> free carbene. <i>Dalton Transactions</i> , 2010, 39, 8820.	1.6	40
53	Versatile coordination modes of novel hemilabile <i>S</i> -NHC ligands. <i>Dalton Transactions</i> , 2009, , 2474.	1.6	51
54	Palladium(II) complexes of a bis-2-aminobiphenyl <i>N</i> -heterocyclic carbene: Synthesis, structural studies and catalytic activity. <i>Inorganica Chimica Acta</i> , 2007, 360, 143-148.	1.2	29

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