

Yann Sarazin

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Calcium, Strontium and Barium Complexes in Organic Synthesis. , 2022, , 104-192.		2
2	Heteroleptic carbazolato-barium hydroborates and a related separated ion pair. Polyhedron, 2022, 217, 115731.	2.2	2
3	Metal-metal bonded alkaline-earth distannyls. Chemical Science, 2021, 12, 7098-7114.	7.4	4
4	Bis(imino)carbazolate lead(ii) fluoride and related halides. Dalton Transactions, 2021, 50, 9021-9025.	3.3	1
5	Bonding analysis in ytterbium(ii) distannyl and related tetryls. Dalton Transactions, 2021, 50, 14273-14284.	3.3	1
6	Modular Synthesis of 9,10-Dihydroacridines through an <i>ortho</i> -C Alkenylation/Hydroarylation Sequence between Anilines and Aryl Alkynes in Hexafluoroisopropanol. Organic Letters, 2021, 23, 2565-2570.	4.6	21
7	Bonding in Barium Boryloxides, Siloxides, Phenoxides and Silazides: A Comparison with the Lighter Alkaline Earths. Chemistry - A European Journal, 2021, 27, 11966-11982.	3.3	8
8	Synthesis of Bridged Tetrahydrobenzo[<i>b</i>]azepines and Derivatives through an Aza-Piancatelli Cyclization/Michael Addition Sequence. Angewandte Chemie - International Edition, 2020, 59, 1134-1138.	13.8	45
9	Barium-Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, 3535-3544.	3.3	8
10	A versatile nitrogen ligand for alkaline-earth chemistry. Dalton Transactions, 2020, 49, 11878-11889.	3.3	15
11	Lewis Acid/Hexafluoroisopropanol: A Promoter System for Selective <i>ortho</i> -C-Alkylation of Anilines with Deactivated Styrene Derivatives and Unactivated Alkenes. ACS Catalysis, 2020, 10, 10794-10802.	11.2	63
12	Alkaline-earth complexes with macrocyclic-functionalised bis(phenolate)s and bis(fluoroalkoxide)s. Dalton Transactions, 2020, 49, 13017-13028.	3.3	3
13	Contemporary Molecular Barium Chemistry. European Journal of Inorganic Chemistry, 2020, 2020, 3321-3346.	2.0	11
14	Bis(imino)carbazolate: A Master Key for Barium Chemistry. Angewandte Chemie, 2020, 132, 9205-9211.	2.0	3
15	Barium-Catalysed Dehydrocoupling of Hydrosilanes and Borinic Acids: A Mechanistic Insight. Chemistry - A European Journal, 2020, 26, 3445-3445.	3.3	1
16	Bis(imino)carbazolate: A Master Key for Barium Chemistry. Angewandte Chemie - International Edition, 2020, 59, 9120-9126.	13.8	17
17	Barium Siloxides and Catalysed Formation of Si ^{iv} O ^{iv} Si ^{iv} Motifs. Chemistry - A European Journal, 2019, 25, 13509-13513.	3.3	16
18	Lead(II) Siloxides. Chemistry - A European Journal, 2019, 25, 16236-16240.	3.3	1

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19	Aminofluoroalkoxide amido and boryloxo lead(Pb) complexes. Dalton Transactions, 2019, 48, 9944-9948.	3.3	5
20	Barium complexes with crown-ether-functionalised amidinate and iminoanilide ligands for the hydrophosphination of vinylarenes. Dalton Transactions, 2019, 48, 9173-9180.	3.3	16
21	Metal-C Bonding in Low-Coordinate Alkaline Earth Fluoroarylamides. Chemistry - A European Journal, 2019, 25, 8854-8864.	3.3	16
22	Heterobimetallic Ba/Li and Ca/Li amides and diphenylmethanide. Dalton Transactions, 2019, 48, 5500-5504.	3.3	6
23	Stable lead(Pb) boroxides. Chemical Communications, 2018, 54, 5299-5302.	4.1	16
24	Secondary interactions in Cement in trinuclear calcium complexes. Inorganica Chimica Acta, 2018, 475, 59-64.	2.4	5
25	Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. Angewandte Chemie - International Edition, 2018, 57, 11747-11751.	13.8	27
26	Low-Coordinate Barium Boryloxides: Synthesis and Dehydrocoupling Catalysis for the Production of Borasiloxanes. Angewandte Chemie, 2018, 130, 11921-11925.	2.0	12
27	Cadmium complexes bearing $\text{Me}_2\text{N}^+\text{E}^-\text{O}^+$ (E = S, Se) organochalcogenoalkoxides and their zinc and mercury analogues. Dalton Transactions, 2017, 46, 3179-3191.	3.3	10
28	F^- Ligands in Alkaline Earth Complexes. Organometallics, 2017, 36, 1269-1277.	2.3	25
29	Tethered cationic alkaline earth olefin complexes. Dalton Transactions, 2017, 46, 14785-14794.	3.3	10
30	Heteroleptic lead(II)-halide complexes supported by a bulky iminoanilide ligand. Main Group Metal Chemistry, 2017, 40, .	1.6	3
31	$\text{K}^+\text{C}^-\text{F}$ and $\text{K}^+\text{C}^-\text{F}$ Non-Covalent Interactions in F^- -Functionalized Potassium Fluoroalkoxides. Inorganics, 2017, 5, 13.	2.7	7
32	Tailored Cyclic and Linear Polycarbosilazanes by Barium-Catalyzed $\text{N}^+\text{H}/\text{H}^-\text{Si}$ Dehydrocoupling Reactions. Angewandte Chemie - International Edition, 2016, 55, 3744-3748.	13.8	43
33	Alkaline Earth Olefin Complexes with Secondary Interactions. Chemistry - A European Journal, 2016, 22, 6505-6509.	3.3	36
34	Tailored Cyclic and Linear Polycarbosilazanes by Barium-Catalyzed $\text{N}^+\text{H}/\text{H}^-\text{Si}$ Dehydrocoupling Reactions. Angewandte Chemie, 2016, 128, 3808-3812.	2.0	12
35	Alkaline Earth-Catalysed Cross-Dehydrocoupling of Amines and Hydrosilanes: Reactivity Trends, Scope and Mechanism. Chemistry - A European Journal, 2016, 22, 4564-4583.	3.3	49
36	Aluminium, gallium and indium complexes supported by a chiral phenolato-prolinolato dianionic ligand. Main Group Metal Chemistry, 2016, 39, .	1.6	9

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37	Sequential Barium-Catalysed N [~] H/H [~] Si Dehydrogenative Cross-Couplings: Cyclodisilazanes versus Linear Oligosilazanes. <i>Chemistry - A European Journal</i> , 2016, 22, 15733-15743.	3.3	32
38	Amino Ether-Phenolato Precatalysts of Divalent Rare Earths and Alkaline Earths for the Single and Double Hydrophosphination of Activated Alkenes. <i>Organometallics</i> , 2016, 35, 3261-3271.	2.3	36
39	Calcium, Strontium and Barium Homogeneous Catalysts for Fine Chemicals Synthesis. <i>Chemical Record</i> , 2016, 16, 2482-2505.	5.8	71
40	Alkali-Metal-Catalyzed Cross-Dehydrogenative Couplings of Hydrosilanes with Amines. <i>ChemCatChem</i> , 2016, 8, 1373-1378.	3.7	48
41	Calcium complexes with imino-phosphinilido chalcogenide ligands for heterofunctionalisation catalysis. <i>RSC Advances</i> , 2016, 6, 57835-57843.	3.6	19
42	Barium-Mediated Cross-Dehydrocoupling of Hydrosilanes with Amines: A Theoretical and Experimental Approach. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7679-7683.	13.8	65
43	Structure vs ¹¹⁹ Sn NMR Chemical Shift in Three-Coordinated Tin(II) Complexes: Experimental Data and Predictive DFT Computations. <i>Organometallics</i> , 2015, 34, 2139-2150.	2.3	42
44	Highly Fluorinated Tris(indazolyl)borate Silylamido Complexes of the Heavier Alkaline Earth Metals: Synthesis, Characterization, and Efficient Catalytic Intramolecular Hydroamination. <i>Chemistry - A European Journal</i> , 2015, 21, 4115-4125.	3.3	37
45	Highly Active, Chemo- and Regioselective Yb ^{II} and Sm ^{II} Catalysts for the Hydrophosphination of Styrene with Phenylphosphine. <i>Chemistry - A European Journal</i> , 2015, 21, 6033-6036.	3.3	40
46	Discrete Cationic Complexes for Ring-Opening Polymerization Catalysis of Cyclic Esters and Epoxides. <i>Chemical Reviews</i> , 2015, 115, 3564-3614.	47.7	244
47	Beyond Stereoselectivity, Switchable Catalysis: Some of the Last Frontier Challenges in Ring-Opening Polymerization of Cyclic Esters. <i>Chemistry - A European Journal</i> , 2015, 21, 7988-8003.	3.3	218
48	Structurally Characterized Lead(II) Alkoxides as Potent Ring-Opening Polymerization Catalysts. <i>Organometallics</i> , 2015, 34, 1321-1327.	2.3	19
49	Chiral (1,2)-Diphenylethylene-Salen Complexes of Triel Metals: Coordination Patterns and Mechanistic Considerations in the Isolelective ROP of Lactide. <i>Chemistry - A European Journal</i> , 2014, 20, 6131-6147.	3.3	89
50	Stable divalent germanium, tin and lead amino(ether)-phenolate monomeric complexes: structural features, inclusion heterobimetallic complexes, and ROP catalysis. <i>Dalton Transactions</i> , 2014, 43, 4268-4286.	3.3	49
51	Kinetic Analysis of the Immortal Ring-Opening Polymerization of Cyclic Esters: A Case Study with Tin(II) Catalysts. <i>Macromolecules</i> , 2014, 47, 2574-2584.	4.8	44
52	Divalent Heteroleptic Ytterbium Complexes - Effective Catalysts for Intermolecular Styrene Hydrophosphination and Hydroamination. <i>Inorganic Chemistry</i> , 2014, 53, 1654-1661.	4.0	62
53	On the coordination chemistry of organochalcogenolates R ^{NMe2} E [~] and R ^{NMe2} E ^{O~} (E = S, Se) onto lead(ⁱⁱ) and lighter divalent tetrel elements. <i>Dalton Transactions</i> , 2014, 43, 16459-16474.	3.3	30
54	Potassium and Well-Defined Neutral and Cationic Calcium Fluoroalkoxide Complexes: Structural Features and Reactivity. <i>Organometallics</i> , 2014, 33, 5630-5642.	2.3	43

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55	Aluminum, Indium, and Mixed Yttrium-Lithium Complexes Supported by a Chiral Binap-Based Fluorinated Dialkoxide: Structural Features and Heteroselective ROP of Lactide. <i>Organometallics</i> , 2014, 33, 5740-5748.	2.3	65
56	C-H Bond Activation with Triel Metals: Indium and Gallium Zwitterions through Internal Hydride Abstraction in Rigid Salan Ligands. <i>Chemistry - A European Journal</i> , 2014, 20, 7706-7717.	3.3	8
57	Alkali aminoether-phenolate complexes: synthesis, structural characterization and evidence for an activated monomer ROP mechanism. <i>Dalton Transactions</i> , 2013, 42, 9361.	3.3	68
58	Heteroleptic Tin(II) Initiators for the Ring-Opening (Co)Polymerization of Lactide and Trimethylene Carbonate: Mechanistic Insights from Experiments and Computations. <i>Chemistry - A European Journal</i> , 2013, 19, 13463-13478.	3.3	56
59	Kinetic Analysis of the Living Ring-Opening Polymerisation of Lactide with Tin(II) Initiators. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 5896-5905.	2.0	21
60	Cyclohydroamination of Aminoalkenes Catalyzed by Disilazide Alkaline-Earth Metal Complexes: Reactivity Patterns and Deactivation Pathways. <i>Chemistry - A European Journal</i> , 2013, 19, 2784-2802.	3.3	61
61	Discrete Divalent Rare-Earth Cationic ROP Catalysts: Ligand-Dependent Redox Behavior and Discrepancies with Alkaline-Earth Analogues in a Ligand-Assisted Activated Monomer Mechanism. <i>Chemistry - A European Journal</i> , 2013, 19, 3986-3994.	3.3	69
62	Heteroleptic Alkyl and Amide Iminoanilide Alkaline Earth and Divalent Rare Earth Complexes for the Catalysis of Hydrophosphination and (Cyclo)Hydroamination Reactions. <i>Chemistry - A European Journal</i> , 2013, 19, 13445-13462.	3.3	109
63	Diamido-Ether Actinide Complexes as Initiators for Lactide Ring-Opening Polymerization. <i>Organometallics</i> , 2013, 32, 1183-1192.	2.3	53
64	Alkaline-Earth Metal Complexes in Homogeneous Polymerization Catalysis. <i>Topics in Organometallic Chemistry</i> , 2013, , 141-189.	0.7	30
65	Aluminum, calcium and zinc complexes supported by potentially tridentate iminophenolate ligands: synthesis and use in the ring-opening polymerization of lactide. <i>Applied Organometallic Chemistry</i> , 2012, 26, 681-688.	3.5	27
66	Allyl strontium compounds: synthesis, molecular structure and properties. <i>Dalton Transactions</i> , 2012, 41, 9176.	3.3	16
67	Highly Effective Alkaline Earth Catalysts for the Sterically Governed Hydrophosphonylation of Aldehydes and Nonactivated Ketones. <i>Chemistry - A European Journal</i> , 2012, 18, 13259-13264.	3.3	46
68	η^2 -Diketiminato-Alkaline Earth Cationic Complexes: Synthesis, Structures, Lactide Polymerization and Unusual Oxidative Reactivity of the Ancillary Ligand. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3023-3031.	2.0	31
69	When Bigger Is Better: Intermolecular Hydrofunctionalizations of Activated Alkenes Catalyzed by Heteroleptic Alkaline Earth Complexes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4943-4946.	13.8	157
70	Heteroleptic Silylamido Phenolate Complexes of Calcium and the Larger Alkaline Earth Metals: η^2 -Agostic Ae... σ -C-H Stabilization and Activity in the Ring-Opening Polymerization of Lactide. <i>Chemistry - A European Journal</i> , 2012, 18, 6289-6301.	3.3	81
71	Well-defined, solvent-free cationic barium complexes: Synthetic strategies and catalytic activity in the ring-opening polymerization of lactide. <i>Inorganica Chimica Acta</i> , 2012, 380, 2-13.	2.4	34
72	Synthetic and Mechanistic Aspects of the Immortal Ring-Opening Polymerization of Lactide and Trimethylene Carbonate with New Homo- and Heteroleptic Tin(II)-Phenolate Catalysts. <i>Chemistry - A European Journal</i> , 2012, 18, 2998-3013.	3.3	74

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73	Discrete, Solvent-Free Alkaline-Earth Metal Cations: Metal-Fluorine Interactions and ROP Catalytic Activity. <i>Journal of the American Chemical Society</i> , 2011, 133, 9069-9087.	13.7	202
74	Zinc and magnesium complexes supported by bulky multidentate amino-ether phenolate ligands: potent pre-catalysts for the immortal ring-opening polymerisation of cyclic esters. <i>Dalton Transactions</i> , 2011, 40, 523-534.	3.3	111
75	Isoselective Styrene Polymerization Catalyzed by <i>ansa</i> -Bis(indenyl) Allyl Rare Earth Complexes. Stereochemical and Mechanistic Aspects. <i>Macromolecules</i> , 2011, 44, 3312-3322.	4.8	40
76	Well-defined Syndiotactic Polystyrene- <i>block</i> -Atactic Polystyrene Stereoblock Polymers. <i>Macromolecular Rapid Communications</i> , 2011, 32, 751-757.	3.9	15
77	Syndio- and Isoselective Coordinative Chain Transfer Polymerization of Styrene Promoted by <i>ansa</i> -Lanthanidocene/ Dialkylmagnesium Systems. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1367-1374.	4.3	13
78	One-Pot Synthesis of Lactide-Styrene Diblock Copolymers via Catalytic Immortal Ring-Opening Polymerization of Lactide and Nitroxide-Mediated Polymerization of Styrene. <i>ChemSusChem</i> , 2010, 3, 579-590.	6.8	21
79	Discrete, Base-Free, Cationic Alkaline-Earth Complexes - Access and Catalytic Activity in the Polymerization of Lactide. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3423-3428.	2.0	98
80	Discrete allyl complexes of group 3 metals and lanthanides. <i>Comptes Rendus Chimie</i> , 2010, 13, 608-625.	0.5	15
81	Water-tolerant catalyst systems for the bulk cationic polymerization of para-methylstyrene and indene. <i>European Polymer Journal</i> , 2010, 46, 1093-1099.	5.4	4
82	Bis(dimethylsilyl)amide Complexes of the Alkaline-Earth Metals Stabilized by $\hat{\text{I}}^2\text{-Si}^{\text{H}}$ Agostic Interactions: Synthesis, Characterization, and Catalytic Activity. <i>Organometallics</i> , 2010, 29, 6569-6577.	2.3	108
83	Metal-catalyzed immortal ring-opening polymerization of lactones, lactides and cyclic carbonates. <i>Dalton Transactions</i> , 2010, 39, 8363.	3.3	449
84	On the Initiation Mechanism of Syndiospecific Styrene Polymerization Catalyzed by Single-Component <i>ansa</i> -Lanthanidocenes. <i>Chemistry - A European Journal</i> , 2009, 15, 3773-3783.	3.3	42
85	Versatile catalytic systems based on complexes of zinc, magnesium and calcium supported by a bulky bis(morpholinomethyl)phenoxy ligand for the large-scale immortal ring-opening polymerisation of cyclic esters. <i>Dalton Transactions</i> , 2009, , 9820.	3.3	208
86	Synthesis and structures of new binuclear zinc alkyl, aryl and aryloxo complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1494-1501.	1.8	30
87	Mono(arene) Complexes of Thallium(I) Supported by a Weakly Coordinating Anion. <i>Organometallics</i> , 2007, 26, 1811-1815.	2.3	34
88	Thallium(I) Sandwich, Multidecker, and Ether Complexes Stabilized by Weakly-Coordinating Anions: A Spectroscopic, Structural, and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2007, 129, 881-894.	13.7	60
89	Mixed-ligand iminopyrrolato-salicylaldiminato group 4 metal complexes: Optimising catalyst structure for ethylene/propylene copolymerisations. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4603-4611.	1.8	21
90	Titanium, zinc and alkaline-earth metal complexes supported by bulky O,N,N,O-multidentate ligands: syntheses, characterisation and activity in cyclic ester polymerisation. <i>Dalton Transactions</i> , 2006, , 340-350.	3.3	190

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91	Synthesis and crystal structure of $[C_6H_5Hg(H_2NSiMe_3)][H_2N\{B(C_6F_5)_3\}_2]$, a phenylmercury(II) cation stabilised by a non-coordinating counter-anion. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 5680-5687.	1.8	14
92	Cationic Brønsted Acids for the Preparation of SnIV Salts: Synthesis and Characterisation of $[Ph_3Sn(OEt_2)][H_2N\{B(C_6F_5)_3\}_2]$, $[Sn(NMe_2)_3(HNMe_2)_2][B(C_6F_5)_4]$ and $[Me_3Sn(HNMe_2)_2][B(C_6F_5)_4]$. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3211-3220.	2.0	22
93	Chromium allyl and alkyl catalysts for the vinyl polymerization of norbornene and ethylene-norbornene copolymerizations. <i>Journal of Molecular Catalysis A</i> , 2005, 235, 88-97.	4.8	42
94	Copolymerization of Propene and 5-Vinyl-2-Norbornene: A Simple Route to Polar Poly(propylene)s. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1208-1213.	3.9	16
95	Binary cerium(IV) tert-butoxides-dialkylmagnesium systems: Radical versus coordinative polymerization of styrene. <i>Journal of Molecular Catalysis A</i> , 2005, 238, 207-214.	4.8	10
96	Heterogenized Ligand-Free Lanthanide Catalysts for the Homo- and Copolymerization of Ethylene and 1,3-Butadiene. <i>Macromolecules</i> , 2005, 38, 3060-3067.	4.8	40
97	Novel Zinc and Magnesium Alkyl and Amido Cations for Ring-Opening Polymerization Reactions. <i>Organometallics</i> , 2004, 23, 3296-3302.	2.3	123
98	Synthesis and structure of $[Cp_2Zr(OPri)(HOPri)]^+$ and its activity in the polymerisation of propene oxide. <i>Journal of Organometallic Chemistry</i> , 2004, 689, 4624-4629.	1.8	9