

# Stéphane Bellemin-Lapponnaz

## List of Publications by Year in descending order

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147  
papers

7,208  
citations

61857

43  
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62479

80  
g-index

185  
all docs

185  
docs citations

185  
times ranked

5123  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral N-heterocyclic carbenes as stereodirecting ligands in asymmetric catalysis. <i>Chemical Society Reviews</i> , 2004, 33, 619-636.	18.7	829
2	Synthetic Routes to N-Heterocyclic Carbene Precursors. <i>Chemical Reviews</i> , 2011, 111, 2705-2733.	23.0	647
3	Group 1 and 2 and Early Transition Metal Complexes Bearing N-Heterocyclic Carbene Ligands: Coordination Chemistry, Reactivity, and Applications. <i>Chemical Reviews</i> , 2014, 114, 8747-8774.	23.0	278
4	Mixed oxazoline-carbenes as stereodirecting ligands for asymmetric catalysis. <i>Coordination Chemistry Reviews</i> , 2007, 251, 718-725.	9.5	242
5	A Modular Assembly of Chiral Oxazolinylicarbene-Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1014-1017.	7.2	213
6	Direct Coupling of Oxazolines and N-Heterocyclic Carbenes: A Modular Approach to a New Class of C <sup>α</sup> -N Donor Ligands for Homogeneous Catalysis. <i>Organometallics</i> , 2002, 21, 5204-5208.	1.1	168
7	Kinetic Resolution of Amines by a Nonenzymatic Acylation Catalyst. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 234-236.	7.2	162
8	C3 Chirality in Polymerization Catalysis: A Highly Active Dicationic Scandium(III) Catalyst for the Isolelective Polymerization of 1-Hexene. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 1668-1671.	7.2	140
9	Designing the Search Pathway in the Development of a New Class of Highly Efficient Stereoselective Hydrosilylation Catalysts. <i>Chemistry - A European Journal</i> , 2005, 11, 2862-2873.	1.7	121
10	A robust zirconium N-heterocyclic carbene complex for the living and highly stereoselective ring-opening polymerization of rac-lactide. <i>Chemical Communications</i> , 2012, 48, 2213.	2.2	117
11	The kinetic resolution of allylic alcohols by a non-enzymatic acylation catalyst; application to natural product synthesis. <i>Chemical Communications</i> , 2000, , 1009-1010.	2.2	107
12	Coordination Chemistry of a Modular N,C-Chelating Oxazole-Carbene Ligand and Its Applications in Hydrosilylation Catalysis. <i>Organometallics</i> , 2006, 25, 2634-2641.	1.1	105
13	Well-Defined Cationic Alkyl and Alkoxide Aluminum Complexes and Their Reactivity with $\epsilon$ -Caprolactone and Lactides. <i>Chemistry - A European Journal</i> , 2007, 13, 3202-3217.	1.7	105
14	Metal Silylenes Generated by Double Silicon-Hydrogen Activation: Key Intermediates in the Rhodium-Catalyzed Hydrosilylation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 1609-1613.	7.2	105
15	Mechanistic Insights into the Very Efficient [ReO <sub>3</sub> OSiR <sub>3</sub> ]-Catalyzed Isomerization of Allyl Alcohols. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 976-978.	4.4	102
16	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1313-1317.	7.2	101
17	A Modular Approach to C1 and C3 Chiral N-Tripodal Ligands for Asymmetric Catalysis. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 3473-3475.	7.2	98
18	Exploiting C3-symmetry in the dynamic coordination of a chiral trisoxazoline to copper(ii): improved enantioselectivity, and catalyst stability in asymmetric lewis acid catalysis. <i>Chemical Communications</i> , 2005, , 5115.	2.2	88

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19	Exploiting Threefold Symmetry in Asymmetric Catalysis: The Case of Tris(oxazoliny)ethanes (â€œTrisoxâ€). Chemistry - A European Journal, 2008, 14, 4142-4152.	1.7	83
20	Multiple Reaction Pathways in Rhodiumâ€Catalyzed Hydrosilylations of Ketones. Chemistry - A European Journal, 2009, 15, 11515-11529.	1.7	82
21	â€Catalysis in a Tea Bagâ€: Synthesis, Catalytic Performance and Recycling of Dendrimerâ€Immobilised Bisâ€ and Trisoxazoline Copper Catalysts. Chemistry - A European Journal, 2009, 15, 5450-5462.	1.7	77
22	Synthesis and structure of V(V) and Mn(III) NHC complexes supported by a tridentate bis-aryloxy-N-heterocyclic carbene ligand. Journal of Organometallic Chemistry, 2009, 694, 604-606.	0.8	71
23	Using a Tripod as a Chiral Chelating Ligand: Chemical Exchange Between Equivalent Molecular Structures in Palladium Catalysis with 1,1,1-Tris(oxazoliny)ethane (â€œTrisoxâ€). Chemistry - A European Journal, 2007, 13, 5994-6008.	1.7	67
24	AC3-Symmetrical Chiral Trisoxazoline Zinc Complex as a Functional Model for Zinc Hydrolases: Kinetic Resolution of Racemic Chiral Esters by Transesterification. Angewandte Chemie - International Edition, 2004, 43, 4479-4482.	7.2	66
25	Efficient Enantioselective Hydrosilylation of Aryl Ketones Catalyzed by a Chiral BINAP-Copper(I) Catalyst-Phenyl(methyl)silane System. Advanced Synthesis and Catalysis, 2006, 348, 1991-1994.	2.1	66
26	Nonâ€Innocent Behavior of a Tridentate NHC Chelating Ligand Coordinated onto a Zirconium(IV) Center. Angewandte Chemie - International Edition, 2010, 49, 2198-2201.	7.2	65
27	Bis[bis(oxazolinato)] Complexes of Yttrium and Lanthanum: Molecular Structure and Use in Polymerization of dl-Lactide and dl-2-Butyrolactone. European Journal of Inorganic Chemistry, 2006, 2006, 3652-3658.	1.0	61
28	Synthesis and structural chemistry of arene-ruthenium half-sandwich complexes bearing an oxazolinyâ€ carbene ligand. Journal of Organometallic Chemistry, 2006, 691, 2713-2720.	0.8	59
29	Novel Neutral and Cationic Aluminium Alkyl Complexes Supported by Potentially Tridentate O,N,Lâ€Type Aminophenolate Ligands and Their Use in Propylene Oxide Polymerization. European Journal of Inorganic Chemistry, 2009, 2009, 4701-4709.	1.0	57
30	A new liquid crystal compound based on an ionic imidazolium salt. Tetrahedron Letters, 2005, 46, 4303-4305.	0.7	56
31	Neutral and Cationic N-Heterocyclic Carbene Zirconium and Hafnium Benzyl Complexes: Highly Regioselective Oligomerization of 1-Hexene with a Preference for Trimer Formation. Organometallics, 2013, 32, 2736-2743.	1.1	53
32	Redox and Luminescent Properties of Robust and Air-Stable N-Heterocyclic Carbene Group 4 Metal Complexes. Inorganic Chemistry, 2014, 53, 7371-7376.	1.9	52
33	Recent progress on NHC-stabilized early transition metal (group 3â€7) complexes: Synthesis and applications. Coordination Chemistry Reviews, 2020, 422, 213411.	9.5	52
34	Synthesis and Structure of Neutral and Cationic Aluminum Complexes Incorporating Bis(oxazolinato) Ligands. Organometallics, 2004, 23, 3053-3061.	1.1	50
35	IMes-acac: hybrid combination of diaminocarbene and acetylacetonato sub-units into a new anionic ambidentate NHC ligand. Chemical Communications, 2015, 51, 5271-5274.	2.2	50
36	Direct functionalisation of group 10 N-heterocyclic carbene complexes for diversity enhancement. Chemical Communications, 2011, 47, 5864.	2.2	48

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37	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
38	N-Heterocyclic Carbene Platinum Complexes: A Big Step Forward for Effective Antitumor Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 10-20.	1.0	46
39	Mechanistic Studies on the Copper-Catalyzed Hydrosilylation of Ketones. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 529-541.	1.0	45
40	Tridentate Complexes of Group 10 Bearing Bis-Aryloxy N-Heterocyclic Carbene Ligands: Synthesis, Structural, Spectroscopic, and Computational Characterization. <i>Organometallics</i> , 2014, 33, 4374-4384.	1.1	45
41	Three 2-oxazolanyl rings on one quaternary carbon atom: preparation of a novel tripodal tris(oxazolanyl) ligand and the tetrameric molecular structure of its CuI complex. <i>Chemical Communications</i> , 2002, , 1286-1287.	2.2	44
42	Bisoxazolines with one and two sidearms: stereodirecting ligands for copper-catalysed asymmetric allylic oxidations of alkenes. <i>Dalton Transactions</i> , 2006, , 193-202.	1.6	43
43	C3-Symmetric Chiral Organolanthanide Complexes: Synthesis, Characterization, and Stereospecific Polymerization of $\beta$ -Olefins. <i>Organometallics</i> , 2007, 26, 4652-4657.	1.1	43
44	Isomerization of allylic silyl ethers catalyzed by ReO <sub>3</sub> (OSiR <sub>3</sub> ) complexes. <i>Tetrahedron Letters</i> , 2000, 41, 1549-1552.	0.7	42
45	Cationic and Neutral Rhodium(I) Oxazolanylcarbene Complexes. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 3436-3444.	1.0	42
46	Derivatization of Preformed Platinum N-Heterocyclic Carbene Complexes with Amino Acid and Peptide Ligands and Cytotoxic Activities toward Human Cancer Cells. <i>Organometallics</i> , 2012, 31, 7618-7621.	1.1	42
47	Synthesis, structural characterization and <i>in vitro</i> anti-cancer activity of functionalized N-heterocyclic carbene platinum and palladium complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 115-124.	0.8	42
48	Stereochemical Consequences of Threefold Symmetry in Asymmetric Catalysis: Distorting C <sub>3</sub> Chiral 1,1,1-Tris(oxazolanyl)ethanes ( $\alpha$ -Trisox $\alpha$ ) in Cu <sup>II</sup> Lewis Acid Catalysts. <i>Chemistry - A European Journal</i> , 2007, 13, 9912-9923.	1.7	41
49	Metal Complexes Incorporating Monoanionic Bisoxazolinato Ligands: Synthesis, Structures, Reactivity and Applications in Asymmetric Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 913-925.	1.0	41
50	Metal oxo complexes as catalysts for the isomerisation of allylic alcohols. <i>Comptes Rendus Chimie</i> , 2002, 5, 217-224.	0.2	40
51	Chiral N-Heterocyclic Carbenes as Stereodirecting Ligands in Asymmetric Catalysis. , 2006, , 117-157.		40
52	Shaping and Enforcing Coordination Spheres: The Implications of C <sub>3</sub> and C <sub>1</sub> Chirality in the Coordination Chemistry of 1,1,1-Tris(oxazolanyl)ethane ( $\alpha$ -Trisox $\alpha$ ). <i>Chemistry - A European Journal</i> , 2007, 13, 3058-3075.	1.7	40
53	Synthesis and biological assays on cancer cells of dinuclear gold complexes with novel functionalised di(N-heterocyclic carbene) ligands. <i>Journal of Inorganic Biochemistry</i> , 2014, 141, 94-102.	1.5	40
54	High tacticity control in organolanthanide polymerization catalysis: formation of isotactic poly( $\beta$ -alkenes) with a chiral C <sub>3</sub> -symmetric thulium complex. <i>Dalton Transactions</i> , 2007, , 920-922.	1.6	39

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55	Liquid Crystal Imidazolium Salts: Towards Materials for Catalysis and Molecular Electronics. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 3899-3905.	1.0	39
56	Modular Assembly of a Chiral Bis(oxazolanyl)carbene: A New Meridionally Coordinating Tridentate Spectator Ligand. <i>Organometallics</i> , 2005, 24, 4886-4888.	1.1	37
57	Chiral N-Heterocyclic Carbenes as Stereodirecting Ligands in Asymmetric Catalysis. <i>Topics in Organometallic Chemistry</i> , 2006, , 117-157.	0.7	37
58	2-Aminopyrrolines: New Chiral Amidinate Ligands with a Rigid Well-Defined Molecular Structure and Their Coordination to TiIV. <i>Inorganic Chemistry</i> , 2006, 45, 7777-7787.	1.9	36
59	Mechanism of the Allylic Rearrangement of Allyloxo Metal Oxo Complexes: An Ab Initio Theoretical Investigation. <i>Chemistry - A European Journal</i> , 1999, 5, 57-64.	1.7	35
60	Easy Derivatisation of Group 10 N-Heterocyclic Carbene Complexes and In Vitro Evaluation of an Anticancer Oestradiol Conjugate. <i>ChemPlusChem</i> , 2012, 77, 1028-1038.	1.3	35
61	Co-ordination of the chiral N,O-ligand 2-[(1S, 2S, 5R)-menthol]-pyridine to molybdenum(VI) and vanadium(IV) oxo complexes. <i>Polyhedron</i> , 1999, 18, 2533-2536.	1.0	34
62	N-Heterocyclic Carbene-Polyethylenimine Platinum Complexes with Potent in Vitro and in Vivo Antitumor Efficacy. <i>Bioconjugate Chemistry</i> , 2016, 27, 1942-1948.	1.8	34
63	Synthesis, Structure, and Reactivity of C2-Symmetric Bis(phospholyl)zirconium and Bis(phospholyl)hafnium Complexes. <i>Organometallics</i> , 2001, 20, 3453-3458.	1.1	33
64	Perrhenate Esters in New Catalytic Reactions. <i>ChemCatChem</i> , 2009, 1, 357-362.	1.8	32
65	Light-Powered Self-Healable Metallosupramolecular Soft Actuators. <i>Angewandte Chemie</i> , 2016, 128, 1335-1339.	1.6	30
66	Control of the light-response in supramolecular metallopolymeric gels by tuning the coordination metal. <i>Chemical Communications</i> , 2017, 53, 8344-8347.	2.2	30
67	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
68	A Modular Approach to C1 and C3 Chiral N-Tripodal Ligands for Asymmetric Catalysis. <i>Angewandte Chemie</i> , 2002, 114, 3623-3625.	1.6	28
69	Synthesis and structural chemistry of oxazolanyl-carbene copper(I) complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5556-5561.	0.8	28
70	Synthesis and application of dynamic self-supported enantioselective catalysts. <i>Coordination Chemistry Reviews</i> , 2017, 332, 38-47.	9.5	28
71	Scandium-Catalyzed Polymerization of CH <sub>3</sub> (CH <sub>2</sub> ) <sub>n</sub> CH=CH <sub>2</sub> (n= 0-4): Remarkable Activity and Tacticity Control. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 866-871.	1.0	27
72	Exploring Nitrogen Ligand Diversity in trans-N-Heterocyclic Carbene-Amine Platinum Complexes: Synthesis, Characterization, and Application to Fluorescence. <i>Chemistry - an Asian Journal</i> , 2013, 8, 1232-1242.	1.7	27

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73	Metal-Containing Polymers as Light-Emitting and Light-Responsive Materials and Beyond. Chemistry - A European Journal, 2017, 23, 17626-17636.	1.7	27
74	Chiral Oxazoline-NHC Ligands with and without CR <sub>2</sub> Bridges: A Comparative Study in Rhodium Hydrosilylation Catalysis. European Journal of Inorganic Chemistry, 2009, 2009, 493-500.	1.0	25
75	Unusual Benzyl Migration Reactivity in NHC-Bearing Group 4 Metal Chelates: Synthesis, Characterization, and Mechanistic Investigations. Organometallics, 2015, 34, 4854-4863.	1.1	25
76	Amphiphilic Metallopolymers for Photoswitchable Supramolecular Hydrogels. Chemistry - A European Journal, 2016, 22, 18718-18721.	1.7	25
77	Mechanistische Einblicke in die hocheffiziente, [ReO <sub>3</sub> (OSiR <sub>3</sub> )]-katalysierte Isomerisierung von Allylalkoholen. Angewandte Chemie, 1997, 109, 1011-1013.	1.6	23
78	Robust and Recyclable Self-Supported Chiral Nickel Catalyst for the Enantioselective Michael Addition. Advanced Synthesis and Catalysis, 2016, 358, 1982-1988.	2.1	23
79	Hyperpositive nonlinear effects in asymmetric catalysis. Nature Catalysis, 2020, 3, 422-426.	16.1	23
80	Exploring diversity in platinum(IV) N-heterocyclic carbene complexes: synthesis, characterization, reactivity and biological evaluation. Dalton Transactions, 2018, 47, 11491-11502.	1.6	22
81	Synthesis and Structure of Neutral and Cationic Gallium Complexes Incorporating Bis(oxazolinato) Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 4206-4214.	1.0	21
82	Synthesis, characterization, and catalytic application in aldehyde hydrosilylation of half-sandwich nickel complexes bearing (P <sup>1</sup> -C <sub>1</sub> )- and hemilabile (P <sup>2</sup> -C <sub>2</sub> , S)-thioether-functionalised NHC ligands. Dalton Transactions, 2018, 47, 17134-17145.	1.6	21
83	Selective Formation of cis-N-Heterocyclic Carbene-PtII-Pnictogen Complexes and in vitro Evaluation of Their Cytotoxic Activities toward Cancer Cells. European Journal of Inorganic Chemistry, 2016, 2016, 2828-2836.	1.0	20
84	Post-functionalization of platinum-NHC complexes by oxime ligation for ligand targeted therapy. New Journal of Chemistry, 2016, 40, 3164-3171.	1.4	20
85	Synthesis, Structure and Antitumoural Activity of Triazole-Functionalised NHC-Metal Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 2488-2495.	1.0	20
86	Easy Ruthenium-Catalysed Oxidation of Primary Amines to Nitriles under Oxidant-Free Conditions. Chemistry - A European Journal, 2019, 25, 13271-13274.	1.7	20
87	Synthesis of N,O-heterocyclic carbene and coordination to rhodium(I) and copper(I). Polyhedron, 2010, 29, 30-33.	1.0	19
88	A New Class of Modular Oxazoline-NHC Ligands and Their Coordination Chemistry with Platinum Metals. European Journal of Inorganic Chemistry, 2008, 2008, 5587-5598.	1.0	18
89	Self-Assembly of a Cyclic Zn <sub>4</sub> O <sub>4</sub> Tetramer by Aerobic Oxidation of a Bisoxazoline: A Molecular Nest for Nucleophilic OH <sup>•</sup> . Angewandte Chemie - International Edition, 2008, 47, 4546-4550.	7.2	18
90	Light-Induced Contraction/Expansion of 1D Photoswitchable Metallopolymer Monitored at the Solid-Liquid Interface. Small, 2017, 13, 1701790.	5.2	18

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91	Catalyst-free hydrophosphination of alkenes in presence of 2-methyltetrahydrofuran: a green and easy access to a wide range of tertiary phosphines. <i>RSC Advances</i> , 2019, 9, 27250-27256.	1.7	18
92	Structural and Luminescent Properties of Homoleptic Silver(I), Gold(I), and Palladium(II) Complexes with <i>N</i> -heterocyclic carbene (NHC) Heteroditopic Carbene Ligands. <i>ACS Omega</i> , 2019, 4, 4192-4205.	1.6	18
93	Synthesis, characterization, catalytic and biological application of half-sandwich ruthenium complexes bearing hemilabile ( $\sigma$ -C,S)-thioether-functionalised NHC ligands. <i>Dalton Transactions</i> , 2020, 49, 3243-3252.	1.6	18
94	A practical concept for the kinetic resolution of a chiral secondary alcohol based on a polymeric silane. <i>Journal of Molecular Catalysis A</i> , 2008, 286, 6-10.	4.8	17
95	Highly Recyclable Self-Supported Chiral Catalysts for the Enantioselective $\alpha$ -Hydrazination of $\beta$ -Ketoesters. <i>ChemCatChem</i> , 2013, 5, 3078-3085.	1.8	17
96	N-Heterocyclic Carbene-Platinum Complexes Featuring an Anthracenyl Moiety: Anti-Cancer Activity and DNA Interaction. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4198.	1.8	17
97	Synthesis, Structural Characterization and Antiproliferative Activity of $(\sigma\text{-C})$ and $(\sigma\text{-C}, \sigma\text{-S})$ $\text{Pt}^{\text{II}}$ Complexes Bearing Thioether-Functionalized <i>N</i> -Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 159-166.	1.0	16
98	Copper(I) complexes with remotely functionalized phosphine ligands: Synthesis, structural variety, photophysics and effect onto the optical properties. <i>Inorganica Chimica Acta</i> , 2021, 514, 119971.	1.2	16
99	Recent Advances on Catalytic Osmium-Free Olefin $\alpha$ -Dihydroxylation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 877-896.	1.2	16
100	Highly Emissive Red Heterobimetallic $\text{Ir}^{\text{III}}/\text{M}^{\text{I}}$ ( $\text{M}^{\text{I}} = \text{Cu}^{\text{I}}$ ) $\text{Tj}^{\text{ETQ}}\text{O}^{\text{O}}\text{rgBT}^{\text{Overlock}}$ Materials, 2022, 34, 1756-1769.	3.2	16
101	Synthesis and structural characterization of alkyne-functionalized <i>N</i> -heterocyclic carbene complexes of ruthenium, palladium and rhodium. <i>Inorganica Chimica Acta</i> , 2017, 467, 33-38.	1.2	15
102	Synthesis and Characterization of <i>N</i> -Heterocyclic Carbene Dithiocarbamate Platinum Complexes with Antitumoral Activity. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2552-2557.	1.0	13
103	Asymmetric benzoylation and Henry reaction using reusable polytopic bis(oxazoline) ligands and copper(II). <i>New Journal of Chemistry</i> , 2014, 38, 4748-4753.	1.4	12
104	Thermal Rearrangement of 2-Bromooxazolines to 2-Bromoisocyanates. <i>Organic Letters</i> , 2008, 10, 305-308.	2.4	11
105	Enantioselective hydrosilylation of prochiral ketones catalyzed by chiral BINAP-copper(I) complexes. <i>Comptes Rendus Chimie</i> , 2010, 13, 353-357.	0.2	11
106	Ditopic bis(oxazolines): Synthesis and structural studies of zinc(II), copper(II) and nickel(II) complexes. <i>Inorganica Chimica Acta</i> , 2011, 376, 285-289.	1.2	11
107	A Chemoselective and Modular Post-Synthetic Multi-Functionalization of NHC-Platinum Complexes. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 1665-1668.	1.0	11
108	Hyperpositive non-linear effects: enantiodivergence and modelling. <i>Chemical Science</i> , 2020, 11, 12453-12463.	3.7	11

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109	Chirality-Driven Metallo-Copolymer Formation. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3384-3387.	1.0	10
110	N-Heterocyclic Carbene-Polyethyleneimine (PEI) Platinum Complexes Inducing Human Cancer Cell Death: Polymer Carrier Impact. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3472.	1.8	10
111	Tridentate Complexes of Palladium(II) and Platinum(II) Bearing <i>bis</i> -Aryloxy Triazole Ligands: A Joint Experimental and Theoretical Investigation. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2368-2379.	1.7	9
112	Chiral Self-Sorting Process with Ditopic Ligands: Alternate or Block Metallopolymer Assembly as a Function of the Metal Ion. <i>ACS Omega</i> , 2019, 4, 2676-2683.	1.6	9
113	Absence of Non-Linear Effects Despite Evidence for Catalyst Aggregation. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 2916-2922.	1.2	9
114	Structural diversity and versatility for organoaluminum complexes supported by mono- and di-anionic aminophenolate bidentate ligands. <i>Journal of Organometallic Chemistry</i> , 2012, 696, 4248-4256.	0.8	8
115	Observation of hyperpositive non-linear effect in catalytic asymmetric organozinc additions to aldehydes. <i>Chirality</i> , 2020, 32, 1250-1256.	1.3	8
116	Synthesis, Structural Characterization and Antiproliferative Activity of Gold(I) and Gold(III) Complexes Bearing Thioether-Functionalized N-Heterocyclic Carbenes. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4196-4206.	1.0	8
117	Half-Sandwich Ruthenium Complexes Bearing Hemilabile $\text{P}^2\text{C}_2\text{S}$ Thioether-Functionalized NHC Ligands: Application to Amide Synthesis from Alcohol and Amine. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	1.0	8
118	Optically active sum-frequency generation as an advanced tool for chiral metallopolymer material. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	6
119	Synthesis and structural characterization of benzyl-functionalized N-heterocyclic carbene platinum complexes: Dramatic substituent effect on anti-cancer activity. <i>Journal of Organometallic Chemistry</i> , 2019, 899, 120908.	0.8	6
120	Combining NHC bis-Phenolate Ligands with Oxophilic Metal Centers: A Powerful Approach for the Development of Robust and Highly Effective Organometallic Catalysts. <i>Chimia</i> , 2014, 68, 500.	0.3	6
121	Non-Linear Effects in Asymmetric Catalysis: Impact of Catalyst Precipitation. <i>ChemCatChem</i> , 2022, 14, .	1.8	6
122	Kinetic Resolution of Amines by a Nonenzymatic Acylation Catalyst. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 647-647.	7.2	5
123	Synthesis and thermotropic behaviour of bis(imidazolium) salts bearing long-chain alkyl-substituents and of the corresponding dinuclear gold carbene complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 801, 60-67.	0.8	5
124	Homo- and Heteropolymetallic Complexes of the Hybrid, Ambidentate N-Heterocyclic Carbene Ligand IMes-acac. <i>ACS Omega</i> , 2018, 3, 15582-15591.	1.6	5
125	Straightforward Synthesis of L-PEI-Coated Gold Nanoparticles and Their Biological Evaluation. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2972-2975.	1.0	5
126	N-Heterocyclic Carbene Platinum(IV) as Metallodrug Candidates: Synthesis and $^{195}\text{Pt}$ NMR Chemical Shift Trend. <i>Molecules</i> , 2020, 25, 3148.	1.7	4



#	ARTICLE	IF	CITATIONS
127	Phosphorescent Cationic Heterodinuclear Ir <sup>III</sup> /M <sup>I</sup> Complexes (M=Cu <sup>I</sup> , Au <sup>I</sup> ) with a Hybrid Janus-Type N-Heterocyclic Carbene Bridge. Chemistry - A European Journal, 2020, 26, 11751-11766.	1.7	4
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140	A Molecular Assembly of Chiral Oxazolinylicarbene-Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones.. ChemInform, 2004, 35, no.	0.1	0
141	Chiral N-Heterocyclic Carbenes as Stereodirecting Ligands in Asymmetric Catalysis. ChemInform, 2005, 36, no.	0.1	0
142	Modular Assembly of a Chiral Bis(oxazolinylicarbene) Rhodium Complexes: Efficient Phosphane-Free Catalysts for the Asymmetric Hydrosilylation of Dialkyl Ketones.. ChemInform, 2006, 37, no.	0.1	0
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145	N-Heterocyclic Carbene Platinum Complexes: A Big Step Forward for Effective Antitumor Compounds. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 2-2.	1.0	0
146	Tridentate complexes of group 4 bearing bis-aryloxy N-heterocyclic carbene ligand: Structure, spin density and charge states. <i>Chemical Physics Letters</i> , 2021, 781, 138888.	1.2	0
147	CHAPTER 8. NHCs of Cobalt, Rhodium, and Iridium Complexes in Catalysis. <i>RSC Catalysis Series</i> , 2016, , 302-335.	0.1	0