

Udo Radius

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6,192
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#	Paper	IF	Citations
140	Catalytic C-C bond formation accomplished by selective C-F activation of perfluorinated arenes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 15964-5	16.4	336
139	Efficient C-F and C-C activation by a novel N-heterocyclic carbene-nickel(0) complex. <i>Chemistry - A European Journal</i> , 2005 , 11, 5024-30	4.8	227
138	C-F activation of fluorinated arenes using NHC-stabilized nickel(0) complexes: selectivity and mechanistic investigations. <i>Journal of the American Chemical Society</i> , 2008 , 130, 9304-17	16.4	207
137	Alternatives to the CO Ligand: Coordination of the Isolobal Analogues BF, BNH ₂ , BN(CH ₃) ₂ , and BO in Mono- and Binuclear First-Row Transition Metal Complexes. <i>Chemistry - A European Journal</i> , 1998 , 4, 210-221	4.8	165
136	Nickel(0) Complexes of N-Alkyl-Substituted N-Heterocyclic Carbenes and Their Use in the Catalytic Carbon-Carbon Bond Activation of Biphenylene. <i>Organometallics</i> , 2006 , 25, 4196-4206	3.8	163
135	Is CO a Special Ligand in Organometallic Chemistry? Theoretical Investigation of AB, Fe(CO) ₄ AB, and Fe(AB) ₅ (AB = N ₂ , CO, BF, SiO). <i>Inorganic Chemistry</i> , 1998 , 37, 1080-1090	5.1	149
134	Synthesis, Structure, and Reactivity of Anionic sp(2)-sp(3) Diboron Compounds: Readily Accessible Boryl Nucleophiles. <i>Chemistry - A European Journal</i> , 2015 , 21, 7082-98	4.8	145
133	Preparing (Multi)Fluoroarenes as Building Blocks for Synthesis: Nickel-Catalyzed Borylation of Polyfluoroarenes via C-F Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2016 , 138, 5250-3	16.4	136
132	Decisive Steps of the Hydrodefluorination of Fluoroaromatics using [Ni(NHC) ₂]. <i>Organometallics</i> , 2012 , 31, 1374-1383	3.8	125
131	Bonding capabilities of imidazol-2-ylidene ligands in group-10 transition-metal chemistry. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 678-686	23.2	116
130	25 years of N-heterocyclic carbenes: activation of both main-group element-element bonds and NHCs themselves. <i>Dalton Transactions</i> , 2016 , 45, 5880-95	4.3	112
129	C-N bond cleavage and ring expansion of N-heterocyclic carbenes using hydrosilanes. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 8881-5	16.4	108
128	What Wanzlick Did Not Dare To Dream: Cyclic (Alkyl)(amino)carbenes (cAACs) as New Key Players in Transition-Metal Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 3362-3375	2.3	94
127	Efficient nickel mediated carbon-carbon bond cleavage of organonitriles. <i>Dalton Transactions</i> , 2007 , 1994-200288		
126	Selective Photocatalytic C-F Borylation of Polyfluoroarenes by Rh/Ni Dual Catalysis Providing Valuable Fluorinated Arylboronate Esters. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17612-17623	16.4	87
125	Synthesis and reactivity of calix[4]arene-supported group 4 imido complexes. <i>Chemistry - A European Journal</i> , 2003 , 9, 3634-54	4.8	77
124	Square-Planar (Pentafluorophenyl)nickel(II) Complexes by Derivatization of a C ⁺ Activation Product. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2680-2690	2.3	71

123	Si-H activation of hydrosilanes leading to hydrido silyl and bis(silyl) nickel complexes. <i>Dalton Transactions</i> , 2011 , 40, 1852-4	4.3	70
122	Room temperature ring expansion of N-heterocyclic carbenes and B-B bond cleavage of diboron(4) compounds. <i>Chemistry - A European Journal</i> , 2015 , 21, 9018-21	4.8	69
121	NHC Nickel-Catalyzed Suzuki-Miyaura Cross-Coupling Reactions of Aryl Boronate Esters with Perfluorobenzenes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 5789-94	4.2	65
120	Unusual nickel-mediated C-S cleavage of alkyl and aryl sulfoxides. <i>Chemical Communications</i> , 2007 , 2037-98	4.3	64
119	Ligand versus Complex: C-F and C-H Bond Activation of Polyfluoroaromatics at a Cyclic (Alkyl)(Amino)Carbene. <i>Chemistry - A European Journal</i> , 2017 , 23, 3993-4009	4.8	63
118	Adduct Formation, B-H Activation and Ring Expansion at Room Temperature from Reactions of HBcat with NHCs. <i>Chemistry - A European Journal</i> , 2016 , 22, 13032-6	4.8	62
117	Facile C-S, S-H, and S-S bond cleavage using a nickel(0) NHC complex. <i>Dalton Transactions</i> , 2009 , 7071-9	4.3	59
116	Organometall-Imide I_{h} -ervalente Derivate der d-Metall-S $\ddot{\text{O}}$ ren, 3. Synthese und Reaktionen von (Pentamethylcyclopentadienyl)(imido)-Komplexen des Molybd $\ddot{\text{s}}$ s und Wolframs und eine effiziente Strategie zur Synthese der Organometallate NBu ₄ [Cp [*] MO ₃] (M = Mo, W). <i>Chemische Bericht</i> , 1992 , 125, 2272-2281	4.8	59
115	Might BF and BNR ₂ be alternatives to CO? A theoretical quest for new ligands in organometallic chemistry. <i>New Journal of Chemistry</i> , 1998 , 22, 1-3	3.6	58
114	To boldly pass the metal-metal quadruple bond. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3006-10	4.64	58
113	Si-H bond activation at {(NHC)Ni} leading to hydrido silyl and bis(silyl) complexes: a versatile tool for catalytic Si-H/D exchange, acceptorless dehydrogenative coupling of hydrosilanes, and hydrogenation of disilanes. <i>Dalton Transactions</i> , 2014 , 43, 10816-27	4.3	56
112	Stoichiometric and catalytic C $\ddot{\text{O}}$ activation of Aryl Chlorides using an NHC-stabilized nickel(0) complex. <i>Journal of Organometallic Chemistry</i> , 2011 , 696, 1380-1387	2.3	54
111	Reactivity of NHC Alane Adducts towards N-Heterocyclic Carbenes and Cyclic (Alkyl)(amino)carbenes: Ring Expansion, Ring Opening, and Al-H Bond Activation. <i>Chemistry - A European Journal</i> , 2017 , 23, 12387-12398	4.8	53
110	Synergistic Effect of a Low-Valent Cobalt Complex and a Trimethylphosphine Ligand on Selective C $\ddot{\text{O}}$ Bond Activation of Perfluorinated Toluene. <i>Organometallics</i> , 2009 , 28, 5771-5776	3.8	51
109	Bonding of Imidazol-2-ylidene Ligands in Nickel Complexes. <i>Organometallics</i> , 2008 , 27, 3410-3414	3.8	51
108	B-B bond activation and NHC ring-expansion reactions of diboron(4) compounds, and accurate molecular structures of B(NMe), Beg, Bneop and Bpin. <i>Dalton Transactions</i> , 2017 , 46, 3661-3680	4.3	50
107	Cyclic (Alkyl)(Amino)Carbene Complexes of Rhodium and Nickel and Their Steric and Electronic Parameters. <i>Chemistry - A European Journal</i> , 2016 , 22, 11005-14	4.8	49
106	C-N-Bindungsspaltung und Ringerweiterung N-heterocyclischer Carbene durch Hydrosilane. <i>Angewandte Chemie</i> , 2012 , 124, 9011-9015	3.6	48

105	Consecutive C-H Bond Activation of Hexafluorobenzene and Decafluorobiphenyl. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 3122-3126	2.3	48
104	Syntheses and molecular structures of new cali. <i>Chemistry - A European Journal</i> , 2001 , 7, 783-90	4.8	47
103	CBr Activation of Aryl Bromides at Ni0(NHC)2: Stoichiometric Reactions, Catalytic Application in Suzuki-Miyaura Cross-Coupling, and Catalyst Degradation. <i>Organometallics</i> , 2012 , 31, 5065-5073	3.8	46
102	Photoinduced Borylation for the Synthesis of Organoboron Compounds. <i>Chemical Reviews</i> , 2021 , 121, 3561-3597	68.1	45
101	Reversible Oxidative Addition at Carbon. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 10209-10213	44	44
100	The reductive P-P coupling of primary and secondary phosphines mediated by N-heterocyclic carbenes. <i>Chemical Communications</i> , 2015 , 51, 10138-41	5.8	44
99	Symmetrical P4 cleavage at cobalt: characterization of intermediates on the way from P4 to coordinated P2 units. <i>Inorganic Chemistry</i> , 2012 , 51, 3904-9	5.1	41
98	Novel Complexes with a Short Tungsten-Phosphorus Triple Bond. <i>Chemistry - A European Journal</i> , 1999 , 5, 2890-2898	4.8	41
97	A Mononuclear Ω-Bonded Phosphaalkyne Nickel(0) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 981-984	1.3	38
96	Organometall-Imide ΩHervalente Derivate der d-Metall-SiIre, 2. Alkyl-, Aryl- und Cyclopentadienyl-substituierte Molybd(IV)- und Wolfram(VI)-Imide. <i>Chemische Berichte</i> , 1992 , 125, 2183-2186	36	
95	Facile insertion of a cyclic alkyl(amino) carbene carbon into the B-B bond of diboron(4) reagents. <i>Chemical Communications</i> , 2017 , 53, 11694-11696	5.8	35
94	Unimolecular reaction mechanism of an imidazolin-2-ylidene: an iPEPICO study on the complex dissociation of an Arduengo-type carbene. <i>Chemistry - A European Journal</i> , 2013 , 19, 7090-9	4.8	33
93	Intramolecular C-N bond activation and ring-expansion reactions of N-heterocyclic carbenes. <i>Chemistry - A European Journal</i> , 2015 , 21, 1434-8	4.8	31
92	Ni-Catalyzed Traceless, Directed C3-Selective C-H Borylation of Indoles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 13136-13144	16.4	30
91	Iridium-catalysed dehydrocoupling of aryl phosphine-borane adducts: synthesis and characterisation of high molecular weight poly(phosphinoboranes). <i>Chemical Communications</i> , 2016 , 52, 8573-6	5.8	30
90	A Stable Ω-Bonded Diazoalkane Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 2168-2172	1.3	30
89	Aerobic CO Oxidation of a Metal-Bound Carbonyl in a NHC-Stabilized Cobalt Half-Sandwich Complex. <i>Organometallics</i> , 2012 , 31, 1730-1742	3.8	29
88	A facile route to backbone-tethered N-heterocyclic carbene (NHC) ligands via NHC to aNHC rearrangement in NHC silicon halide adducts. <i>Chemistry - A European Journal</i> , 2015 , 21, 2793-7	4.8	28

87	Shaping the cavity of the macrocyclic ligand in metallocalix[4]arenes: the role of the ligand sphere. <i>Inorganic Chemistry</i> , 2001 , 40, 6637-42	5.1	28
86	Carbon Halide Bond Activation of Benzyl Chloride and Benzyl Bromide Using An NHC-Stabilized Nickel(0) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011 , 637, 1858-1862	1.3	27
85	Pyridine-Based Sulfoxide Pincer Complexes of Rhodium and Iridium. <i>Organometallics</i> , 2008 , 27, 1892-19018	27	
84	Diimidokomplexe [M(NR) ₂ (PMe ₃) ₂ (L)] des vierwertigen Molybdäns und Wolframs: Struktur, Moleküldynamik und Aktivierung flüssiger Liganden. <i>Chemische Berichte</i> , 1994 , 127, 1827-1835	27	
83	First-Row d-Block Element-Catalyzed Carbon-Boron Bond Formation and Related Processes. <i>Chemical Reviews</i> , 2021 , 121, 13238-13341	68.1	27
82	From NHC to Imidazolyl Ligand: Synthesis of Platinum and Palladium Complexes d10-[M(NHC)2] (M = Pd, Pt) of the NHC 1,3-Diisopropylimidazolin-2-ylidene. <i>Organometallics</i> , 2015 , 34, 3236-3245	3.8	26
81	A Diazabutadiene stabilized Nickel(0) Cyclooctadiene Complex: Synthesis, Characterization and the Reaction with Diphenylacetylene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 807-813	1.3	26
80	Synthesis and Reactivity of Cyclic (Alkyl)(Amino)Carbene Stabilized Nickel Carbonyl Complexes. <i>Organometallics</i> , 2017 , 36, 1398-1407	3.8	25
79	Bite-angle bending as a key for understanding group-10 metal reactivity of d-[M(NHC)] complexes with sterically modest NHC ligands. <i>Chemical Science</i> , 2015 , 6, 1426-1432	9.4	25
78	[Ni(iPr ₂ Im)2Br ₂]: A Convenient Entry into NHC Nickel Chemistry. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2012 , 638, 1491-1496	1.3	25
77	P4 Activation at Ni0: Selective Formation of an NHC-Stabilized, Dinuclear Nickel Complex [Ni ₂ (iPr ₂ Im)4(P ₂ :2-P ₂)]. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 2051-2058	2.3	25
76	Synthesis and Characterization of Tetrakis(carbene)ruthenium(II) Complexes Featuring an [Ru(NHC)4] ²⁺ Core. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 405-415	2.3	25
75	Alkali-metallated forms of thiocalix[4]arenes. <i>Inorganic Chemistry</i> , 2006 , 45, 9487-92	5.1	25
74	Syntheses, Molecular Structures, and Bonding of Molybdenum and Tungsten Calix[4]arene Imido Complexes. <i>European Journal of Inorganic Chemistry</i> , 1999 , 1999, 2221-2231	2.3	25
73	Copper-catalysed borylation of aryl chlorides. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 6601-6606	3.9	24
72	Copper-Catalysed Suzuki-Miyaura Cross-Coupling of Highly Fluorinated Aryl Boronate Esters with Aryl Iodides and Bromides and Fluoroarene-Arene π-Stacking Interactions in the Products. <i>ChemCatChem</i> , 2019 , 11, 5387-5396	5.2	24
71	A Calix[4]arene Monoalkyl Ether as a Model of a Tris(phenolate) Ligand with a Hemilabile Anisole Moiety: Syntheses, Molecular Structures and Bonding of Calix[4]arene Ether Supported Titanium Complexes and Their Catalytic Activity in Epoxidation Reactions. <i>European Journal of Inorganic Chemistry</i> , 2004 , 2004, 4300-4316	2.3	24
70	Stoichiometric and Catalytic Aryl-Cl Activation and Borylation using NHC-stabilized Nickel(0) Complexes. <i>Chemistry - A European Journal</i> , 2019 , 25, 9514-9521	4.8	23

69	Remanent Si-H Interactions in Late Transition Metal Silane Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 1996-2004	1.3	23
68	Synthesis and structural analysis of calix[4]arene-supported iron(III) complexes. <i>Inorganica Chimica Acta</i> , 2004 , 357, 1813-1821	2.7	23
67	Visible-Light-Induced Ni-Catalyzed Radical Borylation of Chloroarenes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18231-18242	16.4	22
66	Copper-Catalyzed Synthesis of Stereodefined Cyclopropyl Bis(boronates) from Alkenes with CO as the C1 Source. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14074-14079	16.4	20
65	Dinuclear Molybdenum(III) and Tungsten(III) Calix[4]arene Complexes [Metal-Metal Triple Bonds Supported by Bridging Calix[4]arene Ligands. <i>European Journal of Inorganic Chemistry</i> , 1998 , 1998, 299-303	2.3	19
64	On the prospects of polynuclear complexes with acetylenedithiolate bridging units. <i>Inorganic Chemistry</i> , 2007 , 46, 9616-29	5.1	19
63	Palladium-Catalyzed Homocoupling of Highly Fluorinated Arylboronates: Studies of the Influence of Strongly vs Weakly Coordinating Solvents on the Reductive Elimination Process. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6036-6050	16.4	18
62	Reversible oxidative Addition an Kohlenstoff. <i>Angewandte Chemie</i> , 2017 , 129, 10343-10347	3.6	17
61	Symmetrical P4 cleavage at cobalt half sandwich complexes $[(\text{C}_5\text{H}_5)\text{Co}(\text{L})]$ ($\text{L} = \text{CO}$, NHC)--a computational case study on the mechanism of symmetrical P4 degradation to P2 ligands. <i>Dalton Transactions</i> , 2013 , 42, 7468-81	4.3	17
60	Calix[4]arene supported group 5 imido complexes. <i>Inorganica Chimica Acta</i> , 2006 , 359, 4215-4226	2.7	17
59	NHC-Alane Adducts as Hydride Sources in the Hydrodefluorination of Fluoroaromatics and Fluoroolefins. <i>European Journal of Inorganic Chemistry</i> , 2018 , 2018, 4031-4043	2.3	17
58	N-Heterocyclic Silylenes as Ligands in Transition Metal Carbonyl Chemistry: Nature of Their Bonding and Supposed Innocence. <i>Chemistry - A European Journal</i> , 2020 , 26, 11276-11292	4.8	16
57	High photocatalytic activity of a NiO nanodot-decorated Pd/SiC catalyst for the Suzuki-Miyaura cross-coupling of aryl bromides and chlorides in air under visible light. <i>Journal of Catalysis</i> , 2020 , 389, 517-524	7.3	16
56	Synthesis and Thermal Properties of Novel NHC-Stabilized Cobalt Carbonyl Nitrosyl Complexes. <i>Organometallics</i> , 2016 , 35, 2806-2821	3.8	16
55	Chiral and achiral basket-handle porphyrins: short synthesis and stereostructures of these versatile building blocks. <i>Organic Letters</i> , 2015 , 17, 210-3	6.2	16
54	Fluorinated Aryl Boronates as Building Blocks in Organic Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2021 , 363, 2224-2255	5.6	16
53	Regio- and Stereoselective Synthesis of 1,1-Diborylalkenes via Brønsted Base-Catalyzed Mixed Diboration of Alkynyl Esters and Amides with BpinBdan. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1941-1946	3.2	15
52	To Rearrange or not to Rearrange: Reactivity of NHCs towards Chloro- and Hydrostannanes R_2SnCl_2 ($\text{R} = \text{Me, Ph}$) and Ph_3SnH . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 1282-1286	1.3	15

51	The (Calix[4]arene)chloromolybdate(IV) anion [MoCl(Calix)](-): a convenient entry into molybdenum Calix[4]arene chemistry. <i>Inorganic Chemistry</i> , 2004 , 43, 8587-99	5.1	15
50	Intramolecular Ring-Expansion Reaction (RER) and Intermolecular Coordination of In Situ Generated Cyclic (Amino)(aryl)carbenes (cAArCs). <i>Chemistry - A European Journal</i> , 2019 , 25, 11365-11374	4.8	14
49	Carbon Halide Bond Activation of Aroyl Halides using an NHC-stabilized Nickel(0) Complex. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013 , 639, 334-339	1.3	14
48	N-Heterocyclic carbene and cyclic (alkyl)(amino)carbene adducts of gallium hydrides, gallium chlorides and gallium hydrochlorides. <i>Dalton Transactions</i> , 2020 , 49, 11108-11119	4.3	14
47	FBpin and its adducts and their role in catalytic borylations. <i>Faraday Discussions</i> , 2019 , 220, 350-363	3.6	13
46	Hinter dem Horizont der Metall-Metall-Vierfachbindung. <i>Angewandte Chemie</i> , 2006 , 118, 3072-3077	3.6	13
45	Synthese, Charakterisierung und Magnetische Eigenschaften eines tetranuklearen, Thiocalix[4]aren-stabilisierten Mangankomplexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2006 , 632, 2439-2442	1.3	13
44	Dimers of highly Eloaded organoimido d1 metal radicals of niobium, tantalum, molybdenum, tungsten, and rhenium: the context of the cyclopentadienyl imido ligand analogy. <i>Journal of Organometallic Chemistry</i> , 2002 , 655, 96-104	2.3	13
43	Synthesis and Reactivity of NHC-Stabilized Iron(II)Mesityl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2017 , 2017, 2600-2616	2.3	12
42	Monomeric Chiral and Achiral Basket-Handle Porphyrins: Synthesis, Structural Features, and Arrested Tautomerism. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12359-78	4.2	12
41	Copper(I) complexes of N-alkyl-substituted N-Heterocyclic carbenes. <i>Journal of Organometallic Chemistry</i> , 2019 , 881, 25-33	2.3	12
40	The Coupling of N-Heterocyclic Carbenes to Terminal Alkynes at Half Sandwich Cobalt NHC Complexes. <i>Organometallics</i> , 2019 , 38, 2558-2572	3.8	11
39	Hydride Amide and Hydride Phenolate Complexes of NHC Coordinated Aluminum. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1243-1251	1.3	11
38	A convenient synthesis of biphenylene. <i>Tetrahedron Letters</i> , 2005 , 46, 8195-8197	2	11
37	Bis(cyclopentadienyl) Diimido Complexes of Molybdenum and Tungsten [Cp2M(NR)2] at the Limit of Pi-Bond Saturation. <i>European Journal of Inorganic Chemistry</i> , 2001 , 2001, 1617-1623	2.3	11
36	Coligand role in the NHC nickel catalyzed C-F bond activation: investigations on the insertion of bis(NHC) nickel into the C-F bond of hexafluorobenzene. <i>Chemical Science</i> , 2020 , 11, 11009-11023	9.4	11
35	Copper-Catalyzed Oxidative Cross-Coupling of Electron-Deficient Polyfluorophenylboronate Esters with Terminal Alkynes. <i>Chemistry - A European Journal</i> , 2020 , 26, 17267-17274	4.8	11
34	NHC Nickel Catalyzed Hiyama- and Negishi-Type Cross-Coupling of Aryl Fluorides and Investigations on the Stability of Nickel(II) Fluoroaryl Alkyl Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 1767-1775	2.3	11

33	Cyclische (Alkyl)(Amino) Carbene. <i>Chemie in Unserer Zeit</i> , 2019 , 53, 212-223	0.2	11
32	-Heterocyclic Silylenes as Metal-Metal Bridges and Metal-Halide Activators in Transition Metal Complexes. <i>Inorganic Chemistry</i> , 2020 , 59, 10976-10985	5.1	10
31	NHC-Stabilized Nickel Olefin, Dialkyl, and Dicyanido Complexes. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3061-3072	2.3	9
30	The First Structurally Characterized 4-Halo-2,5-Cyclohexadienone Transition Metal Complex. <i>European Journal of Inorganic Chemistry</i> , 2002 , 2002, 161-164	2.3	9
29	N-Heterocyclic silylenes as ambiphilic activators and ligands. <i>Dalton Transactions</i> , 2021 , 50, 6752-6765	4.3	9
28	Asymmetrically Substituted Tetrahedral Cobalt NHC Complexes and Their Use as ALD as well as Low-Temperature CVD Precursors. <i>Organometallics</i> , 2018 , 37, 1181-1191	3.8	8
27	Dinukleare Titankomplexe des Thiocalix[4]arens. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 741-746	1.3	8
26	Synthesis, Molecular Structure and Reactivity of a Calix[4]arene Monomethyl Ether Supported Nitridomolybdenum Complex. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 2037-2043	2.3	8
25	N-Heterocyclic Carbene and Cyclic (Alkyl)(amino)carbene Complexes of Titanium(IV) and Titanium(III). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 281-291	2.3	8
24	Bis-NHC Aluminium and Gallium Dihydride Cations $[(\text{NHC})_2\text{EH}_2]^+$ (E = Al, Ga). <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 4015-4023	2.3	8
23	$[\text{Ni}_3(\text{iPr}_2\text{Im})_3(\text{P}_2\text{-CO})_3(\text{P}_3\text{-CO})]$ A CO-Stabilized NHC Analogue of the Parent Neutral Nickel Chini-Type Cluster. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2618-2623	2.3	7
22	Electronic Structure and Excited-State Dynamics of an Arduengo-Type Carbene and its Imidazolone Oxidation Product. <i>Chemistry - A European Journal</i> , 2017 , 23, 3084-3090	4.8	6
21	NHC-stabilized copper(I) aryl complexes and their transmetalation reaction with aryl halides. <i>Journal of Organometallic Chemistry</i> , 2020 , 919, 121249	2.3	6
20	Base-Free Pd-Catalyzed C-Cl Borylation of Fluorinated Aryl Chlorides. <i>Chemistry - A European Journal</i> , 2021 , 27, 3869-3874	4.8	6
19	Visible-light-driven graphene supported Cu/Pd alloy nanoparticle-catalyzed borylation of alkyl bromides and chlorides in air. <i>Journal of Catalysis</i> , 2021 , 395, 258-265	7.3	5
18	Ni-Catalyzed Borylation of Aryl Sulfoxides. <i>Chemistry - A European Journal</i> , 2021 , 27, 8149-8158	4.8	5
17	The d2-M(NR)2 Fragment, High Valant and Low Valant Organometallic Equivalents, and an Unusual Mode of Ethylene Complexation. <i>Chemische Berichte</i> , 1996 , 129, 1345-1353		4
16	Tris(pentafluoroethyl)difluorophosphorane: A Versatile Fluoride Acceptor for Transition Metal Chemistry. <i>Chemistry - A European Journal</i> , 2021 , 27, 3504-3516	4.8	4

LIST OF PUBLICATIONS

15	Large vs. Small NHC Ligands in Nickel(0) Complexes: The Coordination of Olefins, Ketones and Aldehydes at [Ni(NHC)2]. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 3194-3207	2.3	3
14	1,3-Bis(tricyanoborane)imidazoline-2-ylidenate Anion-A Ditopic Dianionic N-Heterocyclic Carbene Ligand. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 17974-17980	16.4	3
13	N-Heterocyclic Silylene Main Group Element Chemistry: Adduct Formation, Insertion into EX Bonds and Cyclization of Organoazides. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 548-561	2.3	3
12	Nickel Tetracarbonyl as Starting Material for the Synthesis of NHC-stabilized Nickel(II) Allyl Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 692-704	1.3	2
11	Tris(pentafluoroethyl)difluorophosphorane and N-Heterocyclic Carbenes: Adduct Formation and Frustrated Lewis Pair Reactivity. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1941-1960	2.3	2
10	Das 1,3-Bis(tricyanoboran)imidazolin-2-ylidenat-Anion I Ein ditopischer dianionischer N-heterocyclischer Carben-Ligand. <i>Angewandte Chemie</i> , 2021 , 133, 18118-18125	3.6	2
9	N-Heterocyclic Carbene and Cyclic (Alkyl)(amino)carbene Adducts of Antimony(III). <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4007	2.3	2
8	Investigation of Organonickel-Pentafluoroorthotellurates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018 , 644, 1047-1050	1.3	1
7	Bisimido Molybdenum Complexes of the Extremely Bulky Pr* Framework. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015 , 641, 2530-2535	1.3	1
6	A General Synthetic Route to NHC-Phosphinidenes: NHC-mediated Dehydrogenation of Primary Phosphines. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2021 , 647, 881-895	1.3	1
5	[Ni(NHC)] as a Scaffold for Structurally Characterized trans [H-Ni-PR] and trans [R P-Ni-PR] Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 13221-13234	4.8	1
4	Transition Metal Catalyst-Free, Base-Promoted 1,2-Additions of Polyfluorophenylboronates to Aldehydes and Ketones. <i>Angewandte Chemie</i> , 2021 , 133, 16665-16674	3.6	0
3	Transition Metal Catalyst-Free, Base-Promoted 1,2-Additions of Polyfluorophenylboronates to Aldehydes and Ketones. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16529-16538	16.4	0
2	NON-Ligated N-Heterocyclic Tetrylenes. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3591-3600	2.3	0
1	C# bond activation of perfluorinated arenes using NHC-stabilized cobalt half-sandwich complexes. <i>New Journal of Chemistry</i> , 2021 , 45, 14999-15016	3.6	0