Thomas Braun

List of Publications by Year
in descending order

146 papers	7,013 citations	66343 42 h-index	69250 77 g-index
170 all docs	170 docs citations	170 times ranked	2819 citing authors

#	Article	IF	Citations
1	Competing Câ€“H and Câ€“F bond activation reactions of a fluorinated olefin at Rh: a fluorido vinylidene complex as an intermediate in an unprecedented dehydrofluorination step. Chemical Science, 2022, 13, 1130-1135.	7.4	0
2	Chlorodefluorination of Fluoromethanes and Fluoroolefins at a Lewis Acidic Aluminum Fluoride. ChemCatChem, 2022, 14, .	3.7	3
3	Synthesis, Reactivity, and Bonding of Gold(I) Fluoridoâ€“Phosphine Complexes. Inorganic Chemistry, 2022, 61, 357-367.	4.0	7
4	Reactivity of Xantphosâ€Type Rhodium Complexes Towards SF₄: SF₃ Versus SF₂ Complex Generation. Chemistry - A European Journal, 2022, 28, .	3.3	4
5	Platinumâ€Catalyzed Hydrofluorination of Alkynes: Hydrogen Bonding to Indolylphosphine Ligands to Provide Fluoride Reactivity. Angewandte Chemie - International Edition, 2022, 61, .	13.8	12
6	Theoretical Study on the Lewis Acidity of the Pristine AlF3 and Cl-Doped Î±-AlF3 Surfaces. Catalysts, 2021, 11, 565.	3.5	5
7	Versatile Reaction Pathways of 1,1,3,3,3â€Pentafluoropropene at Rh(I) Complexes [Rh(E)(PEt 3) 3] (E=H,) Tj ETQq1 1 0.784314 rgB 11926-11934.	3.3	4
8	Studies on the reactivity of Rh(I) complexes towards SF5Cl. Journal of Fluorine Chemistry, 2021, 247, 109803.	1.7	5
9	Platinum Indolylphosphine Fluorido and Polyfluorido Complexes: An Interplay between Cyclometallation, Fluoride Migration, and Hydrogen Bonding. Chemistry - A European Journal, 2021, 27, 14287-14298.	3.3	10
10	Fluorination Reactions at a Platinum Carbene Complex: Reaction Routes to SF₃, S(=O)F and Fluorido Complexes. Chemistry - A European Journal, 2021, 27, 17707-17712.	3.3	7
11	Strong Lewis acidic catalysts for Câ€“F bond activation by fluorination of activated Î³-Al₂O₃. Catalysis Science and Technology, 2020, 10, 391-402.	4.1	12
12	Reactivity of Binary and Ternary Sulfur Halides towards Transitionâ€Metal Compounds. Chemistry - A European Journal, 2020, 26, 6945-6963.	3.3	23
13	A SF5 Derivative of Triphenylphosphine as an Electron-Poor Ligand Precursor for Rh and Ir Complexes. Molecules, 2020, 25, 3977.	3.8	3
14	Frontispiece: Reactivity of Binary and Ternary Sulfur Halides towards Transitionâ€Metal Compounds. Chemistry - A European Journal, 2020, 26, .	3.3	0
15	Activation of pentafluoropropane isomers at a nanoscopic aluminum chlorofluoride: hydrodefluorination versus dehydrofluorination. Beilstein Journal of Organic Chemistry, 2020, 16, 2623-2635.	2.2	9
16	Synthesis and Reactivity of Iridium(I) Fluorido Complexes: Oxidative Addition of SF₄ at transâ€[Ir(F)(CO)(PEt₃)₂]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 808-815.	1.2	5
17	Câ€“F activation reactions at germylium ions: dehydrofluorination of fluoralkanes. Chemical Communications, 2020, 56, 4452-4455.	4.1	20
18	Rhodium(I) Complexes as Useful Tools for the Activation of Fluoroolefins. Synlett, 2020, 31, 1760-1774.	1.8	11

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19	A HF Loaded Lewisâ€Acidic Aluminium Chlorofluoride for Hydrofluorination Reactions. Chemistry - A European Journal, 2020, 26, 7314-7322.	3.3	10
20	Preparation of NHC Stabilized Al(III)fluorides: Fluorination of [(SIMes)AlMe 3] with SF 4 or Me 3 SnF. European Journal of Inorganic Chemistry, 2019, 2019, 4735-4739.	2.0	5
21	Câ^'H and Câ^'F Bond Activation Reactions of Fluorinated Propenes at Rhodium: Distinctive Reactivity of the Refrigerant HFOâ€1234yf. Angewandte Chemie, 2019, 131, 10798-10802.	2.0	12
22	Câ^'H and Câ^'F Bond Activation Reactions of Fluorinated Propenes at Rhodium: Distinctive Reactivity of the Refrigerant HFOâ€1234yf. Angewandte Chemie - International Edition, 2019, 58, 10688-10692.	13.8	21
23	Nb-doped variants of high surface aluminium fluoride: a very strong bi-acidic solid catalyst. Dalton Transactions, 2019, 48, 6834-6845.	3.3	11
24	Câ€"F activation of perfluorophenazine at nickel: selectivity and mechanistic investigations. Dalton Transactions, 2019, 48, 6153-6161.	3.3	4
25	Selective dehydrofluorination of 2-chloro-1,1,1,2-tetrafluoropropane (HCFC-244bb) to 2-chloro-3,3,3-trifluoropropene (HFO-1233xf) using nanoscopic aluminium fluoride catalysts at mild conditions. Journal of Fluorine Chemistry, 2019, 221, 61-65.	1.7	11
26	A Silyleneâ€"Borane Lewis Pair as a Tool for Trapping a Water Molecule: Silanol Formation and Dehydrogenation. Chemistry - A European Journal, 2019, 25, 4678-4682.	3.3	8
27	Understanding unusual element-element bond formation and activation: general discussion. Faraday Discussions, 2019, 220, 376-385.	3.2	0
28	Câ€"H and Câ€"F bond activation reactions of pentafluorostyrene at rhodium complexes. Dalton Transactions, 2019, 48, 16258-16267.	3.3	6
29	Activation of tetrafluoropropenes by rhodium(<scp>i</scp>) germyl and silyl complexes. Faraday Discussions, 2019, 220, 328-349.	3.2	8
30	Physical methods for mechanistic understanding: general discussion. Faraday Discussions, 2019, 220, 144-178.	3.2	0
31	Mechanistic insight into organic and industrial transformations: general discussion. Faraday Discussions, 2019, 220, 282-316.	3.2	8
32	Diverse Reactivity of Platinum SF₃ and SF₂ Complexes towards EtOH and Me₃SiOEt. Chemistry - A European Journal, 2018, 24, 7985-7990.	3.3	11
33	Stabilization of Lewis Acidic AuF₃ as an Nâ€Heterocyclic Carbene Complex: Preparation and Characterization of [AuF₃(SIMes)]. Angewandte Chemie - International Edition, 2018, 57, 7210-7214.	13.8	24
34	Activation of SF₆ at a Xantphos-Type Rhodium Complex. Organometallics, 2018, 37, 821-828.	2.3	30
35	Stabilisierung von Lewisâ€saurem AuF₃ mithilfe eines Nâ€heterocyclischen Carbens: Herstellung und Charakterisierung von [AuF₃(SIMes)]. Angewandte Chemie, 2018, 130, 7328-7332.	2.0	11
36	Hydrogen/Deuteriumâ€Exchange Reactions of Methane with Aromatics and Cyclohexane Catalyzed by a Nanoscopic Aluminum Chlorofluoride. ChemCatChem, 2018, 10, 403-406.	3.7	7

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37	Reactivity of rhodium and iridium peroxido complexes towards hydrogen in the presence of B(C₆F₅)₃ or [H(OEt₂)₂][B{3,5-(CF₃)₂C₆H₃}₄]. Dalton Transactions, 2018, 47, 16299-16304.	3.3	4
38	Comparative study of the strongest solid Lewis acids known: ACF and HS-AlF₃. Dalton Transactions, 2018, 47, 16461-16473.	3.3	18
39	Selective Formation and Characterization of a Rh^{III} Difluorido Î»⁴â€Trifluorosulfanyl Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1064-1070.	1.2	10
40	Reactivity of Cp*Al towards Silanols: Formation and Hydrolysis of Alumosiloxanes. European Journal of Inorganic Chemistry, 2018, 2018, 3187-3194.	2.0	3
41	Reactivity of 3,3,3â€Trifluoropropyne at Rhodium Complexes: Development of Hydroboration Reactions. Chemistry - A European Journal, 2018, 24, 11131-11138.	3.3	11
42	Modifying the reactivity of a solid Lewis acid: niobium and antimony doped nanoscopic aluminum fluoride. Catalysis Science and Technology, 2018, 8, 3151-3159.	4.1	12
43	Photochemical activation of SF₆ by N-heterocyclic carbenes to provide a deoxyfluorinating reagent. Chemical Communications, 2018, 54, 9753-9756.	4.1	38
44	Tuning the Lewis acidity of difluorido gold(iii) complexes: the synthesis of [AuClF2(SIMes)] and [AuF2(OTeF5)(SIMes)]. Chemical Communications, 2018, 54, 9301-9304.	4.1	19
45	Reactivity of rhodium hydrido and silyl complexes towards 1,1-difluoroallene. Journal of Fluorine Chemistry, 2018, 214, 80-85.	1.7	7
46	Activation of CS₂ and COS at a Rhodium(I) Germyl Complex: Generation of CS and Carbido Complexes. European Journal of Inorganic Chemistry, 2017, 2017, 713-722.	2.0	22
47	Selective reduction of a C Cl bond in halomethanes with Et3GeH at nanoscopic Lewis acidic Aluminium fluoride. Journal of Organometallic Chemistry, 2017, 847, 234-241.	1.8	8
48	Activation of SF₆ at Platinum Complexes: Formation of SF₃ Derivatives and Their Application in Deoxyfluorination Reactions. Angewandte Chemie, 2017, 129, 4364-4368.	2.0	27
49	The Versatile Behavior of Platinum Alkyne Complexes towards XeF₂: Formation of Fluorovinyl and Fluorido Complexes. Chemistry - A European Journal, 2017, 23, 8886-8900.	3.3	19
50	Suzukiâ€“Miyaura Crossâ€Coupling Reactions of Highly Fluorinated Arylboronic Esters: Catalytic Studies and Stoichiometric Model Reactions on the Transmetallation Step. Chemistry - A European Journal, 2017, 23, 12218-12232.	3.3	24
51	Activation of SF₆ at Platinum Complexes: Formation of SF₃ Derivatives and Their Application in Deoxyfluorination Reactions. Angewandte Chemie - International Edition, 2017, 56, 4300-4304.	13.8	46
52	Mimicking Base Interaction with Acidic Sites [Siâ€“O(H)â€“Al] of Zeolites in Molecular Models. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1581-1588.	1.2	8
53	Consecutive Transformations of Tetrafluoropropenes: Hydrogermylation and Catalytic Câ^'F Activation Steps at a Lewis Acidic Aluminum Fluoride. Angewandte Chemie, 2017, 129, 16556-16559.	2.0	18
54	Consecutive Transformations of Tetrafluoropropenes: Hydrogermylation and Catalytic Câ^'F Activation Steps at a Lewis Acidic Aluminum Fluoride. Angewandte Chemie - International Edition, 2017, 56, 16338-16341.	13.8	71

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55	Synthesis and Structures of Galliumâ€Î²â€Diketiminate Complexes: Isolation of a Dinuclear Gallium(II) Complex. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1723-1729.	1.2	12
56	Et₃GeH versus Et₃SiH: controlling reaction pathways in catalytic Câ€“F bond activations at a nanoscopic aluminum chlorofluoride. Catalysis Science and Technology, 2017, 7, 3348-3354.	4.1	25
57	Reactivity of the Sterically Demanding Siloxanediol Mes₂Si(OH)(Î¼â€O)Si(OH)Mes₂ Towards Water and Ether Molecules. Chemistry - A European Journal, 2017, 23, 13964-13972.	3.3	6
58	Taming the High Reactivity of Gold(III) Fluoride: Fluorido Gold(III) Complexes with Nâ€Based Ligands. Chemistry - A European Journal, 2017, 23, 13501-13509.	3.3	30
59	Synthesis and reactivity of a cationic palladium complex as possible intermediate in a Suzuki-Miyaura cross-coupling reaction. Journal of Fluorine Chemistry, 2017, 203, 140-145.	1.7	8
60	Activation of Chlorinated Methanes at the Surface of Nanoscopic Lewis Acidic Aluminum Fluorides. ChemCatChem, 2017, 9, 839-845.	3.7	14
61	Front Cover: Synthesis and Structures of Gallium-Î²-Diketiminate Complexes: Isolation of a Dinuclear Gallium(II) Complex (Z. Anorg. Allg. Chem. 22/2017). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1721-1721.	1.2	0
62	Heterogeneous Catalytic Hydroarylation of Olefins at a Nanoscopic Aluminum Chlorofluoride. ChemCatChem, 2016, 8, 1945-1950.	3.7	23
63	Activation of Siâ€“Si and Siâ€“H Bonds at a Platinum Bis(diphenylphosÂphanyl)ferrocene (dppf) Complex: Key Steps for the Catalytic HydroÂgenolysis of Disilanes. European Journal of Inorganic Chemistry, 2016, 2016, 530-537.	2.0	9
64	Rhodium and Iridium Fluorido and Bifluorido Complexes Derived from Peroxido Precursors. European Journal of Inorganic Chemistry, 2016, 2016, 4565-4572.	2.0	23
65	Completing the Heterocubane Family [Cp*AlE]₄ (E = O, S, Se, and Te) by Selective Oxygenation and Sulfuration of [Cp*Al]₄: Density Functional Theory Calculations of [Cp*AlE]₄ and Reactivity of [Cp*AlO]₄ toward Hydrolysis. Inorganic Chemistry, 2016, 55, 4915-4923.	4.0	38
66	Inertes Schwefelhexafluorid aktivieren. Nachrichten Aus Der Chemie, 2016, 64, 829-835.	0.0	6
67	Competing reaction pathways of 3,3,3-trifluoropropene at rhodium hydrido, silyl and germyl complexes: Câ€“F bond activation versus hydrogermylation. Dalton Transactions, 2016, 45, 17495-17507.	3.3	30
68	Platinum Complexes Bearing a Tripodal Germyl Ligand. European Journal of Inorganic Chemistry, 2016, 2016, 4898-4905.	2.0	10
69	Rhodium and Iridium Fluorido and Bifluorido Complexes Derived from Peroxido Precursors. European Journal of Inorganic Chemistry, 2016, 2016, 4533-4533.	2.0	1
70	Palladium-mediated borylation of pentafluorosulfanyl functionalized compounds: the crucial role of metal fluorido complexes. Chemical Communications, 2016, 52, 3931-3934.	4.1	17
71	Synthesis of a rhodium(<scp>i</scp>) germyl complex: a useful tool for Câ€“H and Câ€“F bond activation reactions. Dalton Transactions, 2016, 45, 4716-4728.	3.3	29
72	Hydrodealkoxylation reactions of silyl ligands at platinum: reactivity of SiH₃and SiH₂Me complexes. Dalton Transactions, 2016, 45, 6394-6404.	3.3	2

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73	Is it all in the hinge? A kryptoracemate and three of its alternative racemic polymorphs of an aminonitrile. Chemical Communications, 2016, 52, 1214-1217.	4.1	15
74	Catalytic Degradation of Sulfur Hexafluoride by Rhodium Complexes. Angewandte Chemie - International Edition, 2015, 54, 10652-10656.	13.8	54
75	Rhodiumâ€Mediated Oxygenation of Nitriles with Dioxygen: Isolation of Rhodium Derivatives of Peroxyimidic Acids. Chemistry - A European Journal, 2015, 21, 12299-12302.	3.3	10
76	Synthesis of an Iridium Peroxido Complex and Its Reactivity Towards BrÃ¸nsted Acids. European Journal of Inorganic Chemistry, 2015, 2015, 3157-3168.	2.0	10
77	Consecutive Câ€“F bond activation and Câ€“F bond formation of heteroaromatics at rhodium: the peculiar role of FSi(OEt)3. Chemical Science, 2015, 6, 4255-4260.	7.4	27
78	Câ€“H and Câ€“F Bond Activations at a Rhodium(I) Boryl Complex: Reaction Steps for the Catalytic Borylation of Fluorinated Aromatics. Organometallics, 2015, 34, 1156-1169.	2.3	85
79	Triethylsilane-loaded aluminium chlorofluoride. Journal of Thermal Analysis and Calorimetry, 2015, 121, 929-935.	3.6	6
80	Synthesis and structure of rhodium(<scp>i</scp>) silyl carbonyl complexes: photochemical Câ€“F and Câ€“H bond activation of fluorinated aromatic compounds. Dalton Transactions, 2015, 44, 9450-9469.	3.3	19
81	Reactivity of platinum alkyne complexes towards N-fluorobenzenesulfonimide: formation of platinum compounds bearing a Î²-fluorovinyl ligand. Dalton Transactions, 2015, 44, 19553-19565.	3.3	21
82	Remarkable reactivity of a rhodium(<scp>i</scp>) boryl complex towards CO₂ and CS₂: isolation of a carbido complex. Chemical Communications, 2015, 51, 14613-14616.	4.1	50
83	Functionalization of Fluorinated Molecules by Transition-Metal-Mediated Câ€“F Bond Activation To Access Fluorinated Building Blocks. Chemical Reviews, 2015, 115, 931-972.	47.7	674
84	Activation of 1, 2â€Dihydrodisilanes at Platinum(0) Phosphine Complexes: Syntheses and Structures of Bissilyl Platinum(II) Complexes. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 93-99.	1.2	11
85	Synthesis and Structures of Fluorinated (Î²â€Diketiminato)rhodium Complexes: Siâ€“H Activation of Silanes at a Carbonyl Complex. European Journal of Inorganic Chemistry, 2014, 2014, 2793-2808.	2.0	8
86	Catalytic Borylation of SCF₃â€Functionalized Arenes by Rhodium(I) Boryl Complexes: Regioselective Cï¿½H Activation at the orthoâ€Position. Angewandte Chemie - International Edition, 2014, 53, 9311-9315.	13.8	57
87	Sï¿½F and Sï¿½C Activation of SF₆ and SF₅ Derivatives at Rhodium: Conversion of SF₆ into H₂S. Angewandte Chemie - International Edition, 2014, 53, 2745-2749.	13.8	56
88	Versatile reactivity of a rhodium(i) boryl complex towards ketones and imines. Dalton Transactions, 2014, 43, 6786.	3.3	29
89	[Ge(H)(2â€C₆H₄PPh₂)₃] as Ligand Precursor at Ruthenium: Formation and Reactivity of [Ru(Cl){Ge(2â€C₆H₄PPh₂)₃}]. European Journal of Inorganic Chemistry, 2014, 2014, 4826-4835.	2.0	29
90	Î±â€Dialdimine Complexes of Rhodium(I) and Iridium(I): Their Reactivity with Dioxygen and Dihydrogen. European Journal of Inorganic Chemistry, 2013, 2013, 4775-4788.	2.0	7

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91	Activation of Siâ€“Si and Siâ€“H bonds at Pt: a catalytic hydrogenolysis of siliconâ€“silicon bonds. Dalton Transactions, 2013, 42, 4052.	3.3	21
92	Catalytic hydrodefluorination of fluoroaromatics with silanes as hydrogen source at a binuclear rhodium complex: Characterization of key intermediates. Journal of Fluorine Chemistry, 2013, 155, 132-142.	1.7	35
93	Synthesis of Fluorinated Building Blocks by Transitionâ€Metalâ€Mediated Hydrodefluorination Reactions. Angewandte Chemie - International Edition, 2013, 52, 3328-3348.	13.8	357
94	Catalytic Hydrodefluorination of Fluoromethanes at Room Temperature by Silyliumâ€ionâ€like Surface Species. Angewandte Chemie - International Edition, 2013, 52, 5328-5332.	13.8	100
95	Rhodium(I) Silyl Complexes for Câ€“F Bond Activation Reactions of Aromatic Compounds: Experimental and Computational Studies. Organometallics, 2013, 32, 3795-3807.	2.3	55
96	Synthesis of Rhodium(I) Boryl Complexes: Catalytic Nâ€“H Activation of Anilines and Ammonia. European Journal of Inorganic Chemistry, 2013, 2013, 5762-5768.	2.0	28
97	Sïż¿Si and Sïż¿O Bond Activation at Platinum: Stepwise Formation of a SiH₃ Complex. Angewandte Chemie - International Edition, 2013, 52, 8625-8628.	13.8	14
98	Insertion of CS₂ into Iridiumâ€“Fluorine Bonds. Angewandte Chemie - International Edition, 2013, 52, 11096-11101.	13.8	14
99	Hydrogenation of a Rhodium Peroxido Complex by Formate Derivatives: Mechanistic Studies and the Catalytic Formation of H₂O₂ from O₂. Angewandte Chemie - International Edition, 2012, 51, 12564-12569.	13.8	29
100	Introduction to the Organometallic Chemistry Meets Fluorine Issue. Organometallics, 2012, 31, 1213-1215.	2.3	12
101	Synthesis and Reactivity of the Fluoro Complex trans-[Pd(F)(4-C₅NF₄)(ⁱPr₂PCH₂CH₂OCH₃)]. Câ€“F Bond Formation and Catalytic Câ€“F Bond Activation Reactions. Organometallics, 2012, 31, 1417-1424.	2.3	52
102	Nickel fluoro complexes as intermediates in catalytic cross-coupling reactions. Journal of Fluorine Chemistry, 2012, 143, 263-271.	1.7	23
103	Synthesis, Reactivity and Structures of Iridium Tetrafluoropyridyl Complexes: Ammonia Coordination and Activation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 505-511.	1.2	10
104	Synthesis, Structure and Reactivity of Iridium Hydrido Fluorido Complexes. European Journal of Inorganic Chemistry, 2012, 2012, 1430-1436.	2.0	21
105	Activation and Coordination of Ammonia at [Cp*Ir(H)₂]: NMR and Matrix Isolation Studies. Chemistry - A European Journal, 2012, 18, 10009-10013.	3.3	10
106	Siâ€“H and Siâ€“Si activation at Pt: synthesis and reactivity of neutral and cationic silyl complexes. Dalton Transactions, 2011, 40, 12699.	3.3	16
107	Câ€“F Bond Activation of Highly Fluorinated Molecules at Rhodium: From Model Reactions to Catalysis. European Journal of Inorganic Chemistry, 2011, 2011, 613-625.	2.0	139
108	Rhodium and Iridium Complexes with Î±â€Diketimine Ligands: Oxidative Addition of H₂ and O₂. European Journal of Inorganic Chemistry, 2011, 2011, 2579-2587.	2.0	21

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109	A Rhodium Peroxido Complex in Monoâ€; Diâ€; and Peroxygenation Reactions. Angewandte Chemie - International Edition, 2011, 50, 3280-3284.	13.8	36
110	Catalytic Cï£¿H Bond Activation at Nanoscale Lewis Acidic Aluminium Fluorides: H/D Exchange Reactions at Aromatic and Aliphatic Hydrocarbons. Chemistry - A European Journal, 2011, 17, 14385-14388.	3.3	46
111	A Highly Reactive Rhodium(I)â€"Boryl Complex as a Useful Tool for Cï£¿H Bond Activation and Catalytic Cï£¿F Bond Borylation. Angewandte Chemie - International Edition, 2010, 49, 3947-3951.	13.8	159
112	Isolation and reactivity of palladium hydrido complexes: intermediates in the hydrodefluorination of pentafluoropyridine. Dalton Transactions, 2010, 39, 7513.	3.3	55
113	Addition of [(Î·5-C5Me5)IrH4] to a zwitterionic silylene: stepwise formation of iridium(v)-silyl and iridium(iii)-silylene complexes. Dalton Transactions, 2010, 39, 5436.	3.3	34
114	Cï£¿F Activation at Rhodium Boryl Complexes: Formation of 2â€Fluoroalkylâ€1,3,2â€Dioxaborolanes by Catalytic Functionalization of Hexafluoropropene. Angewandte Chemie - International Edition, 2009, 48, 1818-1822.	13.8	131
115	Catalytic Cï£¿F Activation and Hydrodefluorination of Fluoroalkyl Groups. Angewandte Chemie - International Edition, 2009, 48, 1546-1548.	13.8	162
116	Activation of ethylene and ammonia at iridium: Câ€"H versus Nâ€"H oxidative addition. Dalton Transactions, 2009, , 7669.	3.3	57
117	Rhodium Derivatives of Peroxoboronic Acids and Peroxoboric Acid: Formation of Metallatrioxaborolanes from an Î·²â€Peroxo Complex. Angewandte Chemie - International Edition, 2008, 47, 2954-2958.	13.8	35
118	Stepwise Oxygenation of Pinacolborane by a Rhodiumperoxo Complex: Detection of an Intermediate Metal Borate and Perborate. Angewandte Chemie - International Edition, 2008, 47, 8867-8871.	13.8	38
119	Iridium derivatives of fluorinated aromatics by Câ€"H activation: isolation of classical and non-classical hydrides. Dalton Transactions, 2008, , 5197.	3.3	41
120	Câ^'F Activation of Fluorinated Arenes using NHC-Stabilized Nickel(0) Complexes: Selectivity and Mechanistic Investigations. Journal of the American Chemical Society, 2008, 130, 9304-9317.	13.7	225
121	Transition Metal-mediated Câ€"F Bond Activation. , 2007, , 725-758.		57
122	Hydrodefluorination of pentafluoropyridine at rhodium using dihydrogen: detection of unusual rhodium hydrido complexes. Dalton Transactions, 2007, , 3820.	3.3	101
123	Catalytic Cï£¿F Bond Activation of Hexafluoropropene by Rhodium: Formation of (3,3,3-Trifluoropropyl)silanes. Angewandte Chemie - International Edition, 2007, 46, 5321-5324.	13.8	102
124	Palladium Fluoro Complexes: Useful Tools To Access Organometallic Metallamacrocycles. Angewandte Chemie - International Edition, 2007, 46, 8674-8678.	13.8	36
125	Reactivity of a palladium fluoro complex towards silanes and Bu3SnCHî€CH2: catalytic derivatisation of pentafluoropyridine based on carbonâ€"fluorine bond activation reactions. Dalton Transactions, 2006, , 5118-5123.	3.3	87
126	Palladium mediated activation of Câ€"F bonds in 2,4,6-trifluoropyrimidine: Synthesis and structure of palladium pyrimidyloxy and pyrimidinone derivatives. Journal of Fluorine Chemistry, 2006, 127, 367-372.	1.7	29

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127	Rhodium-Mediated Formation of Peroxides from Dioxygen: Isolation of Hydroperoxo, Silylperoxo, and Methylperoxo Intermediates. Angewandte Chemie - International Edition, 2005, 44, 6947-6951.	13.8	73
128	Catalytic Câ^'C Coupling Reactions at Nickel by Câ^'F Activation of a Pyrimidine in the Presence of a Câ^'Cl Bond:Â The Crucial Role of Highly Reactive Fluoro Complexes. Organometallics, 2005, 24, 4057-4064.	2.3	133
129	Routes to unique palladium A-frame complexes with a bridging fluoro-ligand. Dalton Transactions, 2005, , 3331.	3.3	44
130	Synthesis and reactivity of rhodium fluoro complexes. Journal of Fluorine Chemistry, 2004, 125, 959-966.	1.7	51
131	Câ€"F or Câ€"H bond activation and Câ€"C coupling reactions of fluorinated pyridines at rhodium: synthesis, structure and reactivity of a variety of tetrafluoropyridyl complexes. Dalton Transactions, 2004, , 4106-4119.	3.3	108
132	Contrasting Reactivity of Fluoropyridines at Palladium and Platinum:â€‰ Câ^'F Oxidative Addition at Palladium, Pâ^'C and Câ^'F Activation at Platinum. Organometallics, 2004, 23, 6140-6149.	2.3	147
133	Palladium mediated activation of a Câ€"F bond in pentafluoropyridine: synthesis, structure and reactivity of a pyridyloxy complex. Inorganic Chemistry Communication, 2003, 6, 752-755.	3.9	33
134	Câ€"F Activation and hydrodefluorination of fluorinated alkenes at rhodium. Dalton Transactions, 2003, , 4075-4083.	3.3	107
135	Exchange Processes in Complexes with Two Ruthenium (Î·2-Silane) Linkages:Â Role of the Secondary Interactions between Silicon and Hydrogen Atoms. Organometallics, 2002, 21, 5347-5357.	2.3	75
136	Routes to fluorinated organic derivatives by nickel mediated Câ€"F activation of heteroaromatics. Chemical Communications, 2002, , 2749-2757.	4.1	213
137	Synthesis, structure and reactivity of fluorovinyl nickel complexes: formation of a phosphonioethenyl complexDedicated to Professor Dieter Naumann on the occasion of his 60th birthday.. Dalton Transactions RSC, 2002, , 2213-2218.	2.3	38
138	Aromatic Câ€"F activation at Ni in the presence of a carbonâ€"chlorine bond: the nickel mediated synthesis of new pyrimidines. Dalton Transactions RSC, 2002, , 297.	2.3	79
139	Conversion of Hexafluoropropene into 1,1,1-Trifluoropropane by Rhodium-Mediated Cï£¿F Activation. Angewandte Chemie - International Edition, 2002, 41, 2745-2748.	13.8	122
140	Catalytic Câ€"F activation of polyfluorinated pyridines by nickel-mediated cross-coupling reactions. Chemical Communications, 2001, , 2254-2255.	4.1	137
141	Coordination and oxidative addition of octafluoronaphthalene at a nickel centre: isolation of an intermediate in Câ€"F bond activation. New Journal of Chemistry, 2001, 25, 19-21.	2.8	85
142	Chemistry of nickel tetrafluoropyridyl derivatives: their versatile behaviour with BrÃ¸nsted acids and the Lewis acid BF3â€Šâ€. Dalton Transactions RSC, 2000, , 2013-2018.	2.3	60
143	Nickel-Assisted Carbon-Fluorine Bond Activation of 2,4,6-Trifluoropyrimidine: Synthesis of New Pyrimidine and Pyrimidinone Derivatives. Angewandte Chemie - International Edition, 1999, 38, 3326-3329.	13.8	120
144	Reactivity of a Nickel Fluoride Complex:Â Preparation of New Tetrafluoropyridyl Derivativesâ€. Organometallics, 1999, 18, 1710-1716.	2.3	59

#	Article	IF	Citations
145	Au(I) Fluorido Phosphine Complexes: Tools for the Hydrofluorination of Alkynes. European Journal of Inorganic Chemistry, 0, , .	2.0	6
146	Platinumâ€Catalyzed Hydrofluorination of Alkynes: Hydrogen Bonding to Indolylphosphine Ligands to Provide Fluoride Reactivity. Angewandte Chemie, 0, , .	2.0	0