Marc Schmidtmann

List of Publications by Year
in descending order

83	1,699	279487	344852
papers	citations	23 h-index	36 g-index

93	93	93	1101
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Impact of Chiral Citronellylâ€Functionalization on Indolenine and Anilino Squaraine Thin Films. Israel Journal of Chemistry, 2022, 62, .	1.0	3
2	Stereoselective Synthesis of Tertiary Allylic Amines by Titaniumâ€Catalyzed Hydroaminoalkylation of Alkynes with Tertiary Amines. Chemistry - A European Journal, 2022, 28, .	1.7	9
3	A phenyl-substituted germole dianion and its reaction with hafnocene dichloride. Mendeleev Communications, 2022, 32, 46-48.	0.6	3
4	Covalent triflates as synthons for silolyl- and germolyl cations. Dalton Transactions, 2022, 51, 9836-9842.	1.6	1
5	Intramolecular Halo Stabilization of Silyl Cationsâ€"Silylated Haloniumâ€•and Bisâ€Haloâ€Substituted Siliconium Borates. Chemistry - A European Journal, 2021, 27, 3496-3503.	1.7	7
6	Hydroaminoalkylation/Buchwaldâ€Hartwig Amination Sequences for the Synthesis of Novel Thienoâ€•or Benzothienoâ€Annulated Tetrahydropyridines, Tetrahydroazasilines, and Tetrahydroazasilepines. European Journal of Organic Chemistry, 2021, 2021, 830-849.	1.2	4
7	Three-membered cyclic digermylenes stabilised by an N-heterocyclic carbene. Chemical Science, 2021, 12, 6287-6292.	3.7	8
8	Intermolecular Hydroaminoalkylation of Alkynes. Chemistry - A European Journal, 2021, 27, 6899-6903.	1.7	15
9	Titaniumâ€Catalyzed Intermolecular Hydroaminoalkylation of Alkenes with Tertiary Amines. Angewandte Chemie, 2021, 133, 10024-10028.	1.6	8
10	Titaniumâ€Catalyzed Intermolecular Hydroaminoalkylation of Alkenes with Tertiary Amines. Angewandte Chemie - International Edition, 2021, 60, 9936-9940.	7.2	19
11	Radicals and Anions of Siloles and Germoles. Chemistry - A European Journal, 2021, 27, 12063-12068.	1.7	11
12	Radicals and Anions of Siloles and Germoles. Chemistry - A European Journal, 2021, 27, 12011-12011.	1.7	0
13	Cooperative Reactions of Pentafulvene Niobium Complexes: Formation of Alkylidene, Imido, Hydrazido, and Niobaaziridine Complexes. Organometallics, 2021, 40, 3298-3305.	1.1	6
14	Chiral Memory in Silyl-Pyridinium and Quinolinium Cations. Journal of the American Chemical Society, 2020, 142, 564-572.	6.6	25
15	Titaniumâ€Catalyzed Hydroaminoalkylation of Ethylene. Chemistry - A European Journal, 2020, 26, 2138-2142.	1.7	19
16	Tris(dicyclohexylamido) Group 4 Metal Allyl and Phenylacetylide Complexes â€“ Synthesis and Characterization. European Journal of Inorganic Chemistry, 2020, 2020, 4247-4253.	1.0	0
17	Synthesis, Reactivity, and Insights into the Lewis Acidity of Mononuclear Titanocene Imido Complexes Bearing Sterically Demanding Terphenyl Moieties. Organometallics, 2020, 39, 3232-3239.	1.1	13
18	Chiral Chalcogenylâ€Substituted Naphthylâ€•and Acenaphthylâ€Silanes and Their Cations. Chemistry - A European Journal, 2020, 26, 16441-16449.	1.7	14

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19	Synthesis of a titanium ethylene complex via Câ€“H-activation and alternative access to Cp₂Ti(Î·²-Me₃SiC₂SiMe₃). Dalton Transactions, 2020, 49, 2068-2072.	1.6	14
20	B(C₆F₅)₃- and HB(C₆F₅)₂-mediated transformations of isothiocyanates. Chemical Communications, 2020, 56, 6205-6208.	2.2	9
21	A germaaluminocene. Chemical Science, 2020, 11, 2982-2986.	3.7	12
22	New Titanium Complexes and Their Use in Hydroamination and Hydroaminoalkylation Reactions. European Journal of Inorganic Chemistry, 2019, 2019, 3713-3718.	1.0	10
23	Potassium Salts of 2,5â€Bis(trimethylsilyl)â€Germolide: Switching between Aromatic and Nonâ€Aromatic States. Chemistry - A European Journal, 2019, 25, 10767-10767.	1.7	2
24	An Experimental Acidity Scale for Intramolecularly Stabilized Silyl Lewis Acids. Chemistry - A European Journal, 2019, 25, 15123-15130.	1.7	27
25	Reactivity Studies of a Bis(Ï€-Î·⁵:Ïƒ-Î·¹-benzofulvene)titanium Complex Including Simultaneous Nâ€“H and C(sp²)â€“H Activation of Dibenzylamine. Organometallics, 2019, 38, 3760-3767.	1.1	6
26	Teaching c-phosphanylimines the titanaaziridine coordination mode. Dalton Transactions, 2019, 48, 1936-1940.	1.6	1
27	FLP behaviour of cationic titanium complexes with tridentate Cp,O,N-ligands: highly efficient syntheses and activation reactions of Câ€“X bonds (X = Cl, F). Dalton Transactions, 2019, 48, 1516-1523.	1.6	11
28	Potassium Salts of 2,5â€Bis(trimethylsilyl)â€Germolide: Switching between Aromatic and Nonâ€Aromatic States. Chemistry - A European Journal, 2019, 25, 10858-10865.	1.7	16
29	Frontispiece: Unexpected Selective Methyl Group Abstractions from SiMe₃ Moieties of CH₂SiMe₃ Ligands To Give New Cationic Titanium Complexes. Chemistry - A European Journal, 2019, 25, .	1.7	0
30	Unexpected Selective Methyl Group Abstractions from SiMe 3 Moieties of CH 2 SiMe 3 Ligands To Give New Cationic Titanium Complexes. Chemistry - A European Journal, 2019, 25, 7119-7130.	1.7	4
31	To Coordinate or not to Coordinate: The Special Role of Chalcogen Ether Functionalities in the Design of Twofold Functionalized Cyclopentadienyl Ligands [Cp,O,Ch (Ch = S, Se)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 595-604.	0.6	2
32	Hydroaminoalkylation of Allenes. Synlett, 2019, 30, 967-971.	1.0	12
33	Reaction of Pentafulvene Titanium and Zirconium Complexes with Phosphorus Ylides: Stoichiometric Reactions and Catalytic Intramolecular Proton Shuttles. Organometallics, 2019, 38, 829-843.	1.1	8
34	A Germacalicene: Synthesis, Structure, and Reactivity. Chemistry - A European Journal, 2019, 25, 1098-1105.	1.7	13
35	Hafnocene-based Bicyclo[2.1.1]hexene Germylenes â€“ Formation, Reactivity, and Structural Flexibility. Journal of the American Chemical Society, 2018, 140, 3052-3060.	6.6	52
36	Expanding the Scope: Monopentafulvene and -Benzofulvene Complexes of Zirconium and Hafnium. Organometallics, 2018, 37, 415-421.	1.1	21

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37	Electrophilic d⁰ Cations of Group 4 Metals (M = Ti, Zr, Hf) Derived from Monopentafulvene Complexes: Direct Formation of Tridentate Cp,O,P-Ligands. Organometallics, 2018, 37, 1192-1205.	1.1	19
38	A Oneâ€Step Germole to Silole Transformation and a Stable Isomer of a Disilabenzene. Chemistry - A European Journal, 2018, 24, 848-854.	1.7	26
39	From Organic Azides through Titanium Triazenido Complexes to Titanium Imides. European Journal of Inorganic Chemistry, 2018, 2018, 131-136.	1.0	21
40	Cationic Group 4 Complexes (M = Ti, Zr, Hf): Modifications and Limitations in the Design of Tridentate Cp ,O ,P -Ligand Frameworks Built Directly in the Coordination Sphere of the Metal. European Journal of Inorganic Chemistry, 2018, 2018, 5137-5137.	1.0	0
41	Trialkylsilyl-Substituted Silole and Germole Dianions. Organometallics, 2018, 37, 4736-4743.	1.1	34
42	Evidence for a Single Electron Shift in a Lewis Acidâ€“Base Reaction. Journal of the American Chemical Society, 2018, 140, 15419-15424.	6.6	53
43	Cationic Group 4 Complexes (M = Ti, Zr, Hf): Modifications and Limitations in the Design of Tridentate Cp,O,Pâ€Ligand Frameworks Built Directly in the Coordination Sphere of the Metal. European Journal of Inorganic Chemistry, 2018, 2018, 5146-5159.	1.0	10
44	EinelektronenÃ¼bertragungsreaktionen in frustrierten und klassischen Silyliumion/Phosphanâ€Lewisâ€Paaren. Angewandte Chemie, 2018, 130, 15487-15492.	1.6	22
45	Ein neutraler Î· 5 â€Aminoborolâ€Germanium(II)â€Komplex. Angewandte Chemie, 2018, 130, 13503-13508.	1.6	16
46	Singleâ€Electron Transfer Reactions in Frustrated and Conventional Silylium Ion/Phosphane Lewis Pairs. Angewandte Chemie - International Edition, 2018, 57, 15267-15271.	7.2	52
47	Reactivity of a Bicyclo[2.1.1]hexene Germylene towards Elemental Chalcogens. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1041-1046.	0.6	8
48	A Neutral Î· 5 â€Aminoborole Complex of Germanium(II). Angewandte Chemie - International Edition, 2018, 57, 13319-13324.	7.2	38
49	Self-Assembly Reactions To Form Multinuclear Zirconium(III) and Titanium(III) Complexes with Imidazole Derivatives as Bridging Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 3717-3724.	1.0	9
50	A Dimeric Î·¹,Î·⁵â€Germole Dianion Bridged Titanium(III) Complex with a Multicenter Tiâ€Geâ€Geâ€Ti Bond. Angewandte Chemie - International Edition, 2018, 57, 8634-8638.	7.2	27
51	A Dimeric Î·¹,Î·⁵â€Germole Dianion Bridged Titanium(III) Complex with a Multicenter Tiâ€Geâ€Geâ€Ti Bond. Angewandte Chemie, 2018, 130, 8770-8774.	1.6	8
52	Convenient Synthesis of Cationic Titanium Complexes with Tridentate Cp,N,P-Ligand Framework: FLP-Like Reactivity at the Tiâ€“N Bond and Unexpected Ligand Hydrogenation Reaction. Organometallics, 2018, 37, 1979-1991.	1.1	13
53	Hydroaminoalkylation of Allylsilanes and a Oneâ€Pot Procedure for the Synthesis of 1,5â€Benzoazasilepines. Chemistry - A European Journal, 2017, 23, 4197-4202.	1.7	21
54	Reactions of Secondary Amines with Bis(Î·⁵:Î·¹-pentafulvene)titanium Complexes: Formation of Titanium Amides and Titanaaziridines. Organometallics, 2017, 36, 867-876.	1.1	33

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55	Activation of Molecular Hydrogen by Bis(Î·5 ,Î·1 -pentafulvene)-titanium Complexes - Efficient Formation of Titanium(III)hydrides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 732-735.	0.6	15
56	A Stable Silylene with a Ïƒ², Ï€- Butadiene Ligand. Journal of the American Chemical Society, 2017, 139, 7117-7123.	6.6	44
57	Silyl Chalconium Ions: Synthesis, Structure and Application in Hydrodefluorination Reactions. Chemistry - A European Journal, 2017, 23, 9973-9973.	1.7	1
58	Silyl Chalconium Ions: Synthesis, Structure and Application in Hydrodefluorination Reactions. Chemistry - A European Journal, 2017, 23, 10068-10079.	1.7	39
59	From Five to Five: Titanium Ketimine Complexes with Monoaza-butadiene Î·⁴-Coordination Mode and Hidden Î·²-Imine Reactivity. Organometallics, 2017, 36, 4779-4793.	1.1	8
60	Formation of Binuclear Zigzag Hexapentaene Titanium Complexes via a Titanacumulene [Ti=C=C=CH₂] Intermediate. Angewandte Chemie - International Edition, 2017, 56, 12297-12301.	7.2	21
61	Formation of Binuclear Zigzag Hexapentaene Titanium Complexes via a Titanacumulene [Ti=C=C=CH₂] Intermediate. Angewandte Chemie, 2017, 129, 12465-12469.	1.6	9
62	Facile Access to Amido (Thio)xanthates under Eco-Friendly Conditions by One-Pot Three-Component Reaction (3-CR). Synthesis, 2017, 49, 4045-4054.	1.2	4
63	Spotlight on Excitonic Coupling in Polymorphic and Textured Anilino Squaraine Thin Films. Crystal Growth and Design, 2017, 17, 6455-6466.	1.4	36
64	Four-Component Reaction for the Synthesis of Dithiocarbamates Starting from Cyclic Imines. ACS Combinatorial Science, 2016, 18, 456-460.	3.8	15
65	Activation of 7-Silanorbornadienes by N-Heterocyclic Carbenes: A Selective Way to N-Heterocyclic-Carbene-Stabilized Silylenes. Journal of the American Chemical Society, 2016, 138, 6061-6067.	6.6	48
66	The Silicon Version of Phosphine Chalcogenides: Synthesis and Bonding Analysis of Stabilized Heavy Silaaldehydes. Inorganic Chemistry, 2016, 55, 9026-9032.	1.9	16
67	Imines in the Titanium Coordination Sphere: Î·1-Imine Complexes as Sources of Azavinylidenes and Four-Membered Imine-Amido-N,Nâ€²Chelates. European Journal of Inorganic Chemistry, 2016, 2016, 5242-5249.	1.0	6
68	A Germylene Stabilized by Homoconjugation. Angewandte Chemie, 2016, 128, 16131-16136.	1.6	15
69	A Germylene Stabilized by Homoconjugation. Angewandte Chemie - International Edition, 2016, 55, 15899-15904.	7.2	47
70	Zwitterionic d⁰ Metal Complexes [(Cy₂N)₃M]⁺[(Î¼-Me)B(C₆F₅)₃]^{â^'} (M = Ti, Zr, Hf) Derived from Tris(dicyclohexylamido)methyl Metal Precursors. Organometallics, 2016, 35, 3728-3733.	1.1	13
71	Imines in the Titanium Coordination Sphere: Highly Reactive Titanaaziridines and Larger Titanacycles Formed by Subsequent C-C Coupling Reactions. European Journal of Inorganic Chemistry, 2015, 2015, 5171-5187.	1.0	23
72	A New Nâ€Tritylâ€Substituted Aminopyridinato Titanium Catalyst for Hydroamination and Hydroaminoalkylation Reactions â€“ Unexpected Intramolecular Câ€“H Bond Activation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 2071-2082.	0.6	30

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73	Efficient Access to Titanaaziridines by Cï£¿H Activation of Nâ€•Methylanilines at Ambient Temperature. Angewandte Chemie - International Edition, 2015, 54, 4383-4387.	7.2	94
74	Isotopomeric polymorphism in a â€œdoubly-polymorphicâ€•multi-component molecular crystal. CrystEngComm, 2015, 17, 5273-5279.	1.3	6
75	Quantitative Assessment of the Lewis Acidity of Silylium Ions. Organometallics, 2015, 34, 4952-4958.	1.1	94
76	Remarkably Robust Mono-n-butyl Group IV Dicyclohexylamido Complexes {(Cy)₂N}₃M(n-butyl) (Cy: cyclohexyl [C₆H₁₁],) Tj ETQq1 1 0 0 rgBT /Overlock	1.0	8
77	Bulky Titanium Amides: C-H Bond Activation under Mild Conditions. European Journal of Inorganic Chemistry, 2014, 2014, 1289-1302.	1.0	23
78	Neutron powder diffraction â€“ new opportunities in hydrogen location in molecular and materials structure. Crystallography Reviews, 2014, 20, 162-206.	0.4	13
79	Synthesis and Reactivity of Bis(Î·⁵:Î·¹-pentafulvene)zirconium Complexes. Organometallics, 2014, 33, 1440-1452.	1.1	30
80	Determining hydrogen positions in crystal engineered organic molecular complexes by joint neutron powder and single crystal X-ray diffraction. CrystEngComm, 2014, 16, 1232-1236.	1.3	16
81	Aromatic Imines in the Titanocene Coordination Sphereâ€”Titanaaziridine vs 1-Aza-2-titanacyclopent-4-ene Structures. Organometallics, 2014, 33, 6785-6795.	1.1	27
82	A 2,6â€•Bis(phenylamino)pyridinato Titanium Catalyst for the Highly Regioselective Hydroaminoalkylation of Styrenes and 1,3â€•Butadienes. Angewandte Chemie - International Edition, 2014, 53, 7918-7922.	7.2	61
83	Dihydrogen Activation by a Silylium Silylene Frustrated Lewis Pair and the Unexpected Isomerization Reaction of a Protonated Silylene. Chemistry - A European Journal, 2014, 20, 9381-9386.	1.7	79