

# Marc Schmidtman

## List of Publications by Year in descending order

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83  
papers

1,699  
citations

279487

23  
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344852

36  
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93  
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docs citations

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#	ARTICLE	IF	CITATIONS
1	Efficient Access to Titanaaziridines by C-H Activation of N-Methylanilines at Ambient Temperature. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 4383-4387.	7.2	94
2	Quantitative Assessment of the Lewis Acidity of Silylium Ions. <i>Organometallics</i> , 2015, 34, 4952-4958.	1.1	94
3	Dihydrogen Activation by a Silylium Silylene Frustrated Lewis Pair and the Unexpected Isomerization Reaction of a Protonated Silylene. <i>Chemistry - A European Journal</i> , 2014, 20, 9381-9386.	1.7	79
4	A 2,6-Bis(phenylamino)pyridinato Titanium Catalyst for the Highly Regioselective Hydroaminoalkylation of Styrenes and 1,3-Butadienes. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7918-7922.	7.2	61
5	Evidence for a Single Electron Shift in a Lewis Acid-Base Reaction. <i>Journal of the American Chemical Society</i> , 2018, 140, 15419-15424.	6.6	53
6	Hafnocene-based Bicyclo[2.1.1]hexene Germylenes Formation, Reactivity, and Structural Flexibility. <i>Journal of the American Chemical Society</i> , 2018, 140, 3052-3060.	6.6	52
7	Single-Electron Transfer Reactions in Frustrated and Conventional Silylium Ion/Phosphane Lewis Pairs. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15267-15271.	7.2	52
8	Activation of 7-Silanorbornadienes by N-Heterocyclic Carbenes: A Selective Way to N-Heterocyclic-Carbene-Stabilized Silylenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 6061-6067.	6.6	48
9	A Germylene Stabilized by Homoconjugation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15899-15904.	7.2	47
10	A Stable Silylene with a $\sigma$ , $\pi$ - Butadiene Ligand. <i>Journal of the American Chemical Society</i> , 2017, 139, 7117-7123.	6.6	44
11	Silyl Chalconium Ions: Synthesis, Structure and Application in Hydrodefluorination Reactions. <i>Chemistry - A European Journal</i> , 2017, 23, 10068-10079.	1.7	39
12	A Neutral $\sigma$ -Aminoborole Complex of Germanium(II). <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13319-13324.	7.2	38
13	Spotlight on Excitonic Coupling in Polymorphic and Textured Anilino Squaraine Thin Films. <i>Crystal Growth and Design</i> , 2017, 17, 6455-6466.	1.4	36
14	Trialkylsilyl-Substituted Silole and Germole Dianions. <i>Organometallics</i> , 2018, 37, 4736-4743.	1.1	34
15	Reactions of Secondary Amines with Bis( $\sigma$ -pentafulvene)titanium Complexes: Formation of Titanium Amides and Titanaaziridines. <i>Organometallics</i> , 2017, 36, 867-876.	1.1	33
16	Synthesis and Reactivity of Bis( $\sigma$ -pentafulvene)zirconium Complexes. <i>Organometallics</i> , 2014, 33, 1440-1452.	1.1	30
17	A New N-Trityl-Substituted Aminopyridinato Titanium Catalyst for Hydroamination and Hydroaminoalkylation Reactions Unexpected Intramolecular C-H Bond Activation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 2071-2082.	0.6	30
18	Aromatic Imines in the Titanocene Coordination Sphere-Titanaaziridine vs 1-Aza-2-titanacyclopent-4-ene Structures. <i>Organometallics</i> , 2014, 33, 6785-6795.	1.1	27

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19	A Dimeric $\mu_1-\mu_5$ -Germole Dianion Bridged Titanium(III) Complex with a Multicenter Ti $\cdots$ Ge $\cdots$ Ge $\cdots$ Ti Bond. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 8634-8638.	7.2	27
20	An Experimental Acidity Scale for Intramolecularly Stabilized Silyl Lewis Acids. <i>Chemistry - A European Journal</i> , 2019, 25, 15123-15130.	1.7	27
21	A One-Step Germole to Silole Transformation and a Stable Isomer of a Disilabenzene. <i>Chemistry - A European Journal</i> , 2018, 24, 848-854.	1.7	26
22	Chiral Memory in Silyl-Pyridinium and Quinolinium Cations. <i>Journal of the American Chemical Society</i> , 2020, 142, 564-572.	6.6	25
23	Bulky Titanium Amides: C-H Bond Activation under Mild Conditions. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 1289-1302.	1.0	23
24	Imines in the Titanium Coordination Sphere: Highly Reactive Titanaaziridines and Larger Titanacycles Formed by Subsequent C-C Coupling Reactions. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5171-5187.	1.0	23
25	Einelektronen $\frac{1}{4}$ bertragungsreaktionen in frustrierten und klassischen Silyliumion/Phosphan $\cdots$ Lewis $\cdots$ Paaren. <i>Angewandte Chemie</i> , 2018, 130, 15487-15492.	1.6	22
26	Hydroaminoalkylation of Allylsilanes and a One-Pot Procedure for the Synthesis of 1,5-Benzoazasilapines. <i>Chemistry - A European Journal</i> , 2017, 23, 4197-4202.	1.7	21
27	Formation of Binuclear Zigzag Hexapentaene Titanium Complexes via a Titanacumulene [Ti=C=C=CH <sub>2</sub> ] <sub>2</sub> Intermediate. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 12297-12301.	7.2	21
28	Expanding the Scope: Monopentafulvene and -Benzofulvene Complexes of Zirconium and Hafnium. <i>Organometallics</i> , 2018, 37, 415-421.	1.1	21
29	From Organic Azides through Titanium Triazenido Complexes to Titanium Imides. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 131-136.	1.0	21
30	Electrophilic d <sup>0</sup> Cations of Group 4 Metals (M = Ti, Zr, Hf) Derived from Monopentafulvene Complexes: Direct Formation of Tridentate Cp, O, P-Ligands. <i>Organometallics</i> , 2018, 37, 1192-1205.	1.1	19
31	Titanium-Catalyzed Hydroaminoalkylation of Ethylene. <i>Chemistry - A European Journal</i> , 2020, 26, 2138-2142.	1.7	19
32	Titanium-Catalyzed Intermolecular Hydroaminoalkylation of Alkenes with Tertiary Amines. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9936-9940.	7.2	19
33	Determining hydrogen positions in crystal engineered organic molecular complexes by joint neutron powder and single crystal X-ray diffraction. <i>CrystEngComm</i> , 2014, 16, 1232-1236.	1.3	16
34	The Silicon Version of Phosphine Chalcogenides: Synthesis and Bonding Analysis of Stabilized Heavy Silaldehydes. <i>Inorganic Chemistry</i> , 2016, 55, 9026-9032.	1.9	16
35	Ein neutraler $\mu_5$ -Aminoborol $\cdots$ Germanium(II) $\cdots$ Komplex. <i>Angewandte Chemie</i> , 2018, 130, 13503-13508.	1.6	16
36	Potassium Salts of 2,5-Bis(trimethylsilyl)-Germolide: Switching between Aromatic and Non-Aromatic States. <i>Chemistry - A European Journal</i> , 2019, 25, 10858-10865.	1.7	16

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37	Four-Component Reaction for the Synthesis of Dithiocarbamates Starting from Cyclic Imines. ACS Combinatorial Science, 2016, 18, 456-460.	3.8	15
38	A Germylene Stabilized by Homoconjugation. Angewandte Chemie, 2016, 128, 16131-16136.	1.6	15
39	Activation of Molecular Hydrogen by Bis( $\eta^5$ , $\eta^1$ -pentafulvene)-titanium Complexes - Efficient Formation of Titanium(III)hydrides. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 732-735.	0.6	15
40	Intermolecular Hydroaminoalkylation of Alkynes. Chemistry - A European Journal, 2021, 27, 6899-6903.	1.7	15
41	Chiral Chalcogenyl-Substituted Naphthyl- and Acenaphthyl-Silanes and Their Cations. Chemistry - A European Journal, 2020, 26, 16441-16449.	1.7	14
42	Synthesis of a titanium ethylene complex <i>via</i> C-H-activation and alternative access to Cp <sub>2</sub> Ti( $\eta^2$ -Me <sub>3</sub> SiC <sub>2</sub> SiMe <sub>3</sub> ). Dalton Transactions, 2020, 49, 2068-2072.	1.6	14
43	Neutron powder diffraction – new opportunities in hydrogen location in molecular and materials structure. Crystallography Reviews, 2014, 20, 162-206.	0.4	13
44	Zwitterionic d <sup>0</sup> Metal Complexes [(Cp <sub>2</sub> N) <sub>3</sub> M] <sup>+</sup> [( $\eta^4$ -Me)B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] <sup>-</sup> (M = Ti, Zr, Hf) Derived from Tris(dicyclohexylamido)methyl Metal Precursors. Organometallics, 2016, 35, 3728-3733.	1.1	13
45	Convenient Synthesis of Cationic Titanium Complexes with Tridentate Cp, O, P-Ligand Framework: FLP-Like Reactivity at the Ti-N Bond and Unexpected Ligand Hydrogenation Reaction. Organometallics, 2018, 37, 1979-1991.	1.1	13
46	A Germacalocene: Synthesis, Structure, and Reactivity. Chemistry - A European Journal, 2019, 25, 1098-1105.	1.7	13
47	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
48	Hydroaminoalkylation of Allenes. Synlett, 2019, 30, 967-971.	1.0	12
49	A germaaluminocene. Chemical Science, 2020, 11, 2982-2986.	3.7	12
50	FLP behaviour of cationic titanium complexes with tridentate Cp, O, N-ligands: highly efficient syntheses and activation reactions of C-X bonds (X = Cl, F). Dalton Transactions, 2019, 48, 1516-1523.	1.6	11
51	Radicals and Anions of Siloles and Germales. Chemistry - A European Journal, 2021, 27, 12063-12068.	1.7	11
52	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, 5146-5159.	1.0	10
53	New Titanium Complexes and Their Use in Hydroamination and Hydroaminoalkylation Reactions. European Journal of Inorganic Chemistry, 2019, 2019, 3713-3718.	1.0	10
54	Formation of Binuclear Zigzag Hexapentaene Titanium Complexes via a Titanacumulene [Ti=C=C=CH <sub>2</sub> ] <sub>2</sub> Intermediate. Angewandte Chemie, 2017, 129, 12465-12469.	1.6	9

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55	Self-Assembly Reactions To Form Multinuclear Zirconium(III) and Titanium(III) Complexes with Imidazole Derivatives as Bridging Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3717-3724.	1.0	9
56	B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> - and HB(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> -mediated transformations of isothiocyanates. <i>Chemical Communications</i> , 2020, 56, 6205-6208.	2.2	9
57	Stereoselective Synthesis of Tertiary Allylic Amines by Titanium-Catalyzed Hydroaminoalkylation of Alkynes with Tertiary Amines. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
58	Remarkably Robust Mono- <i>n</i> -butyl Group IV Dicyclohexylamido Complexes {(Cy) <sub>2</sub> N} <sub>3</sub> M( <i>n</i> -butyl) (Cy: cyclohexyl [C <sub>6</sub> H <sub>11</sub> ],) <i>Tj ETQq10 0 rgB8 /Overlock</i>	1.0	8
59	From Five to Five: Titanium Ketimine Complexes with Monoaza-butadiene $\hat{\nu}$ <sup>4</sup> -Coordination Mode and Hidden $\hat{\nu}$ <sup>2</sup> -Imine Reactivity. <i>Organometallics</i> , 2017, 36, 4779-4793.	1.1	8
60	Reactivity of a Bicyclo[2.1.1]hexene Germylene towards Elemental Chalcogens. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1041-1046.	0.6	8
61	A Dimeric $\hat{\nu}$ <sup>1</sup> , $\hat{\nu}$ <sup>5</sup> -germole Dianion Bridged Titanium(III) Complex with a Multicenter Ti <sup>+</sup> Ge <sup>-</sup> Ge <sup>-</sup> Ti Bond. <i>Angewandte Chemie</i> , 2018, 130, 8770-8774.	1.6	8
62	Reaction of Pentafulvene Titanium and Zirconium Complexes with Phosphorus Ylides: Stoichiometric Reactions and Catalytic Intramolecular Proton Shuttles. <i>Organometallics</i> , 2019, 38, 829-843.	1.1	8
63	Three-membered cyclic digermynes stabilised by an N-heterocyclic carbene. <i>Chemical Science</i> , 2021, 12, 6287-6292.	3.7	8
64	Titanium-Catalyzed Intermolecular Hydroaminoalkylation of Alkenes with Tertiary Amines. <i>Angewandte Chemie</i> , 2021, 133, 10024-10028.	1.6	8
65	Intramolecular Halo Stabilization of Silyl Cations <sup>+</sup> Silylated Halonium <sup>+</sup> and Bis <sup>+</sup> Halo <sup>+</sup> Substituted Siliconium Borates. <i>Chemistry - A European Journal</i> , 2021, 27, 3496-3503.	1.7	7
66	Isotopomeric polymorphism in a $\hat{\nu}$ -doubly-polymorphic $\hat{\nu}$ -multi-component molecular crystal. <i>CrystEngComm</i> , 2015, 17, 5273-5279.	1.3	6
67	Imines in the Titanium Coordination Sphere: $\hat{\nu}$ -1-Imine Complexes as Sources of Azavinylidenes and Four-Membered Imine-Amido-N, $\hat{\nu}$ <sup>2</sup> Chelates. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5242-5249.	1.0	6
68	Reactivity Studies of a Bis( $\hat{\nu}$ <sup>5</sup> : $\hat{\nu}$ <sup>1</sup> -benzofulvene)titanium Complex Including Simultaneous $\hat{\nu}$ <sup>H</sup> and C(sp <sup>2</sup> ) $\hat{\nu}$ <sup>H</sup> Activation of Dibenzylamine. <i>Organometallics</i> , 2019, 38, 3760-3767.	1.1	6
69	Cooperative Reactions of Pentafulvene Niobium Complexes: Formation of Alkylidene, Imido, Hydrazido, and Niobaaziridine Complexes. <i>Organometallics</i> , 2021, 40, 3298-3305.	1.1	6
70	Facile Access to Amido (Thio)xanthates under Eco-Friendly Conditions by One-Pot Three-Component Reaction (3-CR). <i>Synthesis</i> , 2017, 49, 4045-4054.	1.2	4
71	Unexpected Selective Methyl Group Abstractions from SiMe <sub>3</sub> Moieties of CH <sub>2</sub> SiMe <sub>3</sub> Ligands To Give New Cationic Titanium Complexes. <i>Chemistry - A European Journal</i> , 2019, 25, 7119-7130.	1.7	4
72	Hydroaminoalkylation/Buchwald-Hartwig Amination Sequences for the Synthesis of Novel Thieno $\hat{\nu}$ -or Benzothieno $\hat{\nu}$ -Annulated Tetrahydropyridines, Tetrahydroazasilines, and Tetrahydroazasilipines. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 830-849.	1.2	4

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73	The Impact of Chiral Citronellylâ€Functionalization on Indolenine and Anilino Squaraine Thin Films. Israel Journal of Chemistry, 2022, 62, .	1.0	3
74	A phenyl-substituted germole dianion and its reaction with hafnocene dichloride. Mendeleev Communications, 2022, 32, 46-48.	0.6	3
75	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
76	To Coordinate or not to Coordinate: The Special Role of Chalcogen Ether Functionalities in the Design of Twofold Functionalized Cyclopentadienyl Ligands [Cp,O,<i>Ch</i> (<i>Ch</i> = S, Se)]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2019, 645, 595-604.	0.6	2
77	Silyl Chalconium Ions: Synthesis, Structure and Application in Hydrodefluorination Reactions. Chemistry - A European Journal, 2017, 23, 9973-9973.	1.7	1
78	Teaching <i>c</i>-phosphanylimines the titanaaziridine coordination mode. Dalton Transactions, 2019, 48, 1936-1940.	1.6	1
79	Covalent triflates as synthons for silolyl- and germolyl cations. Dalton Transactions, 2022, 51, 9836-9842.	1.6	1
80	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
81	Frontispiece: Unexpected Selective Methyl Group Abstractions from SiMe<sub>3</sub> Moieties of CH<sub>2</sub>SiMe<sub>3</sub> Ligands To Give New Cationic Titanium Complexes. Chemistry - A European Journal, 2019, 25, .	1.7	0
82	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
83	Radicals and Anions of Siloles and Germoles. Chemistry - A European Journal, 2021, 27, 12011-12011.	1.7	0