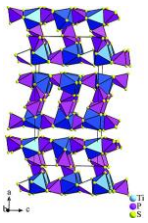
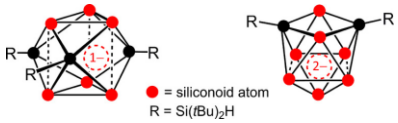
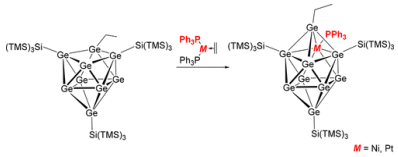


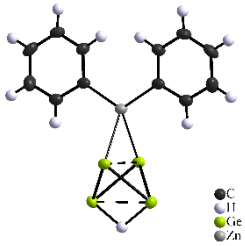
Synthesis and Characterization of the new ternary titanium thiophosphate TiP_2S_7 and comparison to $Ti_4P_8S_{29}$
C. B. Dressel, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 644 (2018), 1681–1685 (DOI: 10.1002/zaac.201800386)



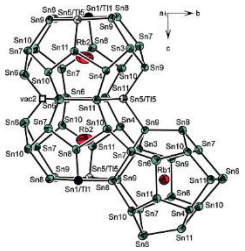
Anionic Siliconoids from Zintl Phases: $R_3Si_9^-$ with Six and $R_2Si_9^{2-}$ with Seven Unsubstituted Exposed Silicon Cluster Atoms (R = Si(tBu)$_2$H)
L. J. Schiegerl, A. J. Karttunen, W. Klein, T. F. Fässler
Chem. Eur. J. 24 (2018), 19171–19174 (DOI: 10.1002/chem.201805442)



Capping nido-Nonagermanide Clusters with M-PPh_3 and Dynamics in Solution: Synthesis and Structure of closo-$[(Me_3Si)_3Si]_3Et[Ge_9M](PPh_3)$ (M = Ni, Pt)
S. Frischhut, F. Kaiser, W. Klein, M. Drees, F. E. Kühn, T. F. Fässler
Organometallics 37 (2018), 4560–4567 (DOI: 10.1021/acs.organomet.8b00459)

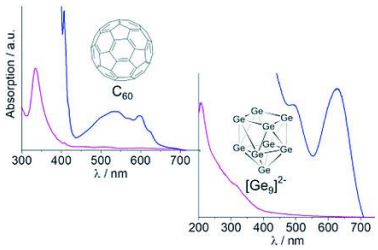


$[(\mu_2\text{-}H)(\eta^2\text{-}Ge_4)ZnPh_2]^{3-}$, an Edge-On Protonated E_4 Cluster Establishing the First Three-Center Two-Electron Ge-H-Ge Bond
T. Henneberger, W. Klein, J. V. Dums, T. F. Fässler
Chem. Commun. 54 (2018), 12381–12384 (DOI: 10.1039/C8CC06843G)

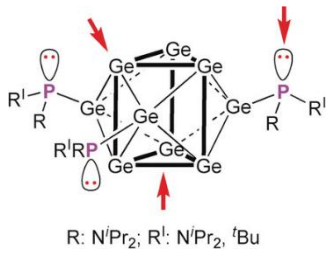


A new type of 2×2×2 superstructure of clathrate-I with $I\bar{4}3d$ symmetry in $A_8Sn_{46-x-y}Tl_x\square_y$ (A = Rb, Cs)
V. Baran, V. Hlukhyy, T. F. Fässler
Z. Anorg. Allg. Chem. 644 (2018), 1456–1463 (DOI: 10.1002/zaac.201800290)

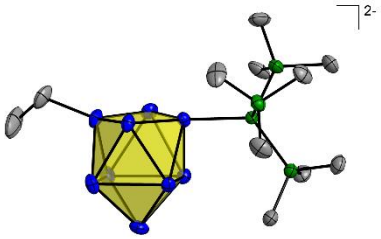
Intermetalloide Cluster: Moleküle und Festkörper im Dialog
K. Mayer, J. Weßing, T. F. Fässler, R. A. Fischer
Angew. Chem. 130 (2018), 14570–14593 (DOI: 10.1002/ange.201805897)
Intermetalloid Clusters: Molecules and Solids in a Dialogue
Angew. Chem. Int. Ed. 57 (2018), 14372–14393 (DOI: 10.1002/anie.201805897)



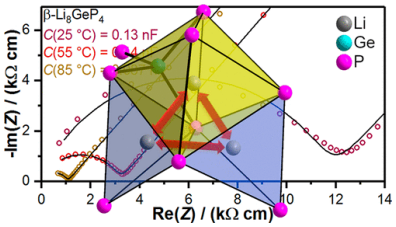
On the Affinity between Fullerenes and Deltahedral Zintl Ions: A UV/Vis Spectroscopic Investigation
S. Frischhut, J. G. Machado de Carvalho, A. J. Karttunen, T. F. Fässler
Z. Anorg. Allg. Chem. 644 (2018), 1337–1343 (DOI: 10.1002/zaac.201800293)



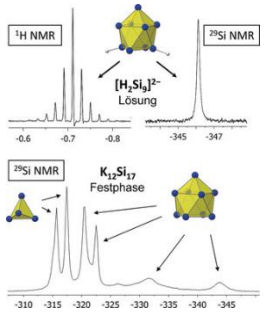
Synthesis and Reactivity of Multiple Phosphine-Functionalized Nonagermanide Clusters
F. S. Geitner, W. Klein, F. F. Fässler
Angew. Chem. 130 *(2018)*, 14717–14721 (DOI: 10.1002/ange.201803476)
Angew. Chem. Int. Ed. 57 *(2018)*, 14509–14513 (DOI: 10.1002/anie.201803476)



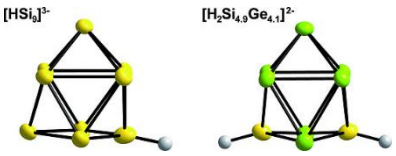
Challenges in Chemical Synthesis at the Border of Solution-Based and Solid State Chemistry - Synthesis and Structure of [{(Me$_3$Si)$_3$Si}Ge$_9$(CH$_2$CH$_3$)]$^{2-}$
S. Frischhut, W. Klein, T. F. Fässler
C. R. Chim. 21 (2018), 932–937 (DOI: 10.1016/j.crci.2018.04.007)



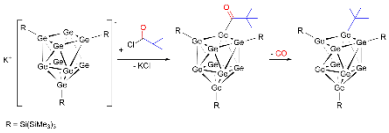
Lithium Phosphidogermanates α- and β-Li$_8$GeP$_4$ – A Novel Compound Class with Mixed Li$^+$ Ionic and Electronic Conductivity
H. Eickhoff, S. Strangmüller, W. Klein, H. Kirchhain, C. Dietrich, W. G. Zeier, L. van Wüllen, T. F. Fässler
Chem. Mater. 30 (2018), 6440–6448 (DOI: 10.1021/acs.chemmater.8b02759)



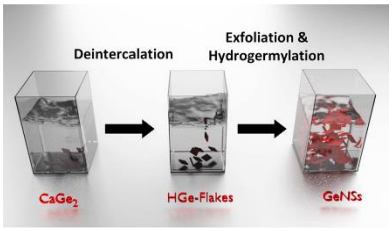
Charged Si$_9$ Clusters in Neat Solids and the Detection of [H$_2$Si$_9$]$^{2-}$ in Solution: A Combined NMR, Raman, Mass Spectrometric, and Quantum Chemical Investigation
L. J. Schiegerl, A. J. Karttunen, J. Tillmann, S. Geier, G. Raudaschl-Sieber, M. Waibel, T. F. Fässler
Angew. Chem. 130 *(2018)*, 13132–13137 (DOI: 10.1002/ange.201804756)
Angew. Chem. Int. Ed. 57 *(2018)*, 12950–12955 (DOI: 10.1002/anie.201804756)



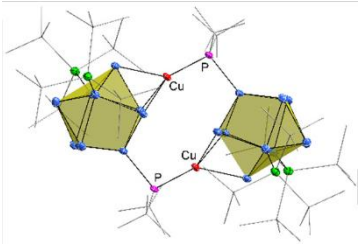
Silicon Containing Nine Atom Clusters from Liquid Ammonia Solution: Crystal Structures of the First Protonated Clusters [HSi$_9$]$^{3-}$ and [H$_2${Si/Ge}$_9$]$^{2-}$
T. Henneberger, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 644 (2018), 1018–1027 (DOI: 10.1002/zaac.201800227)



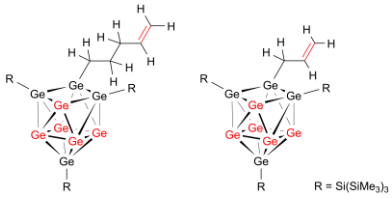
Acylation of homoatomic Ge$_9$ Cages and Subsequent Decarbonylation
S. Frischhut, W. Klein, M. Drees T. F. Fässler
Chem. Eur. J. 24 (2018), 9009–9014 (DOI: 10.1002/chem.201802318)



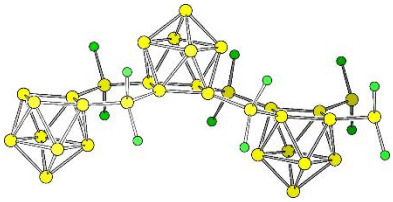
Radical-Initiated and Thermally Induced Hydrogermylation of Alkenes on the Surfaces of Germanium Nanosheets
H. Yu, T. Helbich, L. M. Scherf, J. Chen, K. Cui, T. F. Fässler, B. Rieger, J. G. C. Veinot
Chem. Mater. 30 (2018), 2274–2280 (DOI: 10.1021/acs.chemmater.7b04974)



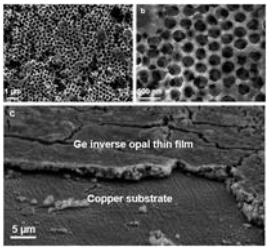
On the Variable Reactivity of Phosphine-Functionalized [Ge_9] Clusters – Zintl Cluster-substituted Phosphines or Phosphine-substituted Zintl Clusters
F. S. Geitner, C. Wallach, T. F. Fässler
Chem. Eur. J. 24 (2018), 4103–4110 (DOI: 10.1002/chem.201705678)



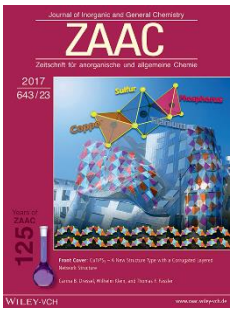
Synthesis of Low-Oxidation-State Germanium Clusters Comprising a Functional Anchor Group − Synthesis and Characterization of [(Ge^0)$_5$(Ge-R)$_3$(Ge-(CH_2)$_n$-CH=CH2)] with R = $Si(SiMe_3)_3$
S. Frischhut, T. F. Fässler
Dalton Trans. 47 (2018), 3223–3226 (DOI: 10.1039/C8DT00321A)



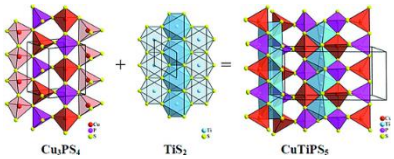
Predicted Siliconoids by Bridging Si_9 Clusters through sp^3-Si Linkers
L.-A. Jantke, T. F. Fässler
Inorganics 6 (2018), 31 (DOI: 10.3390/inorganics6010031)



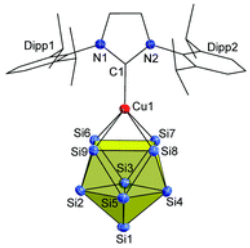
Wet-chemical Route for Macroporous Inverse Opal Ge Anodes for Lithium Ion Batteries with High Capacity Retention
S. Geier, R. Jung, K. Peters, H. A. Gasteiger, D. Fattakhova-Rohlfing, T. F. Fässler
Sustainable Energy Fuels 2 (2018), 85–90 (DOI: 10.1039/C7SE00422B)



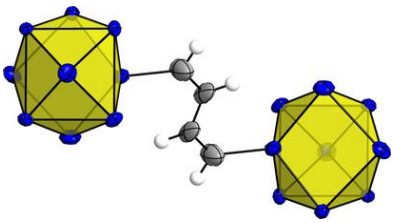
Front Cover:
$CuTiPS_5$ – A New Structure Type with a Corrugated Layered Network Structure
C. B. Dressel, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 643 (2017), 1812 (DOI: 10.1002/zaac.201770231)



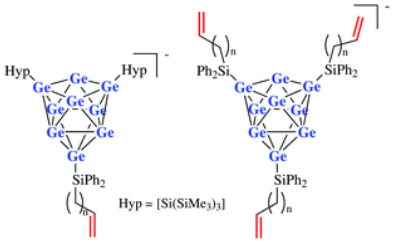
$CuTiPS_5$ – A New Structure Type with a Corrugated Layered Network Structure
C. B. Dressel, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 643 (2017), 1814–1817 (DOI: 10.1002/zaac.201700178)



Low Oxidation State Silicon Clusters – Synthesis and Structure of [$NHC^{Dipp}Cu(\eta^4$-$Si_9)]^{3-}$
F. S. Geitner, T. F. Fässler
Chem. Commun. 53 (2017), 12974 – 12977 (DOI: 10.1039/C7CC07995H)

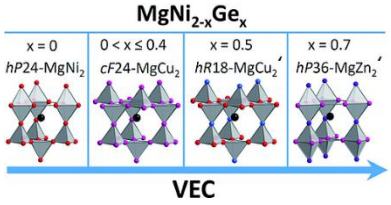


On the Mechanism of Connecting Deltahedral Zintl Clusters via Conjugated Buta-1,3-dien-1,4-diyl Functionalities: Synthesis and Structure of [Ge_9–CH=CH–CH=CH–Ge_9]$^{6-}$
M. M. Bentlohner, S. Frischhut, T. F. Fässler
Chem. Eur. J. 23 (2017), 17089–17094 (DOI: 10.1002/chem.201703494)

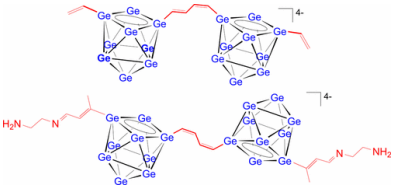


Targeted attachment of functional groups at Ge_9 clusters via silylation reactions
K. Mayer, L. J. Schiegerl, T. Kratky, S. Günther, T. F. Fässler
Chem. Commun. 53 (2017), 11798–11801 (DOI: 10.1039/C7CC06622H)

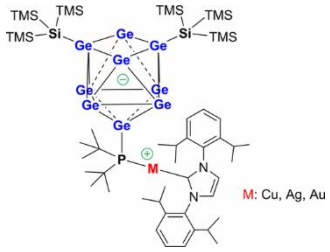
[$SnBi_3$]$^{5-}$ – a carbonate analogue formed in solution and comprising exclusively metal atoms
K. Mayer, J. V. Dums, W. Klein, T. F. Fässler
Angew. Chem. 129 (2017), 15356–15361, (DOI: 10.1002/ange.201709700)
Angew. Chem. Int. Ed. 56 (2017), 15159–15163, (DOI: 10.1002/anie.201709700)



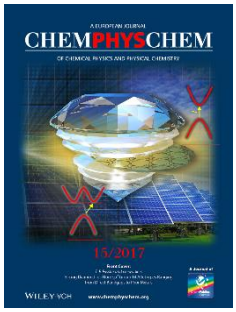
The Influence of the Valence Electron Concentration on the Structural Variation of the Laves Phases $MgNi_{2-x}Ge_x$
L. Siggelkow, V. Hlukhyy, T. F. Fässler
Z. Anorg. Allg. Chem. 643 (2017), 1424–1430 (DOI: 10.1002/zaac.201700180)



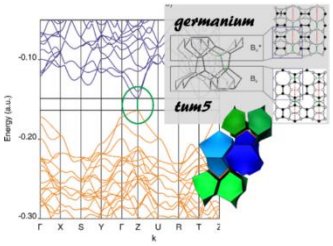
Synthesis of Zintl Triads Comprising Extended Conjugated π-Electronic Systems: [RGe_9–CH=CH–CH=CH–Ge_9R]$^{4-}$ (R: –CH=CH2, –C(CH_3)=CH–CH=N($CH2)_2NH_2$)
S. Frischhut, M. M. Bentlohner, W. Klein, T. F. Fässler
Inorg. Chem. 56 (2017), 10691–10698 (DOI: 10.1021/acs.inorgchem.7b01643)



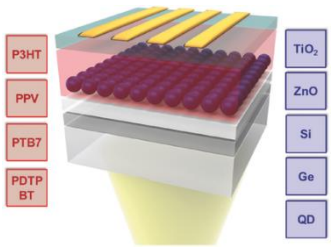
Derivatization of Phosphine Ligands with Bulky Deltahedral Zintl Clusters—Synthesis of Charge Neutral Zwitterionic Tetrel Cluster Compounds [(Ge_9{$Si(TMS)_3$}$_2$)^tBu_2P]M(NHC^{Dipp}) (M: Cu, Ag, Au)
F. S. Geitner, J. V. Dums, T. F. Fässler
J. Am. Chem. Soc. 139 (2017), 11933–11940 (DOI: 10.1021/jacs.7b05834)



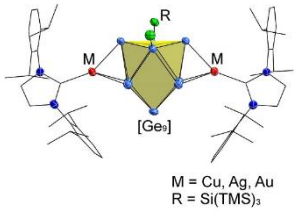
Cover Profile:
Slicing Diamond for more sp^3 Group 14 allotropes reaching from direct band gaps to poor metals
L.-A. Jantke, A. J. Karttunen, T. F. Fässler
ChemPhysChem 18 (2017), 1960 (DOI: 10.1002/cphc.201700799)



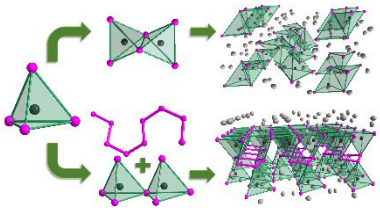
Slicing Diamond for more sp^3 Group 14 allotropes reaching from direct band gaps to poor metals
L.-A. Jantke, A. J. Karttunen, T. F. Fässler
ChemPhysChem 18 (2017), 1992–2006 (DOI: 10.1002/cphc.201700290)



Hybrid Photovoltaics – from Fundamentals towards Application
P. Müller-Buschbaum, M. Thelakkat, T. F. Fässler, M. Stutzmann
Adv. Energy Mater. 7 (2017), 1700248 (DOI: 10.1002/aenm.201700248)

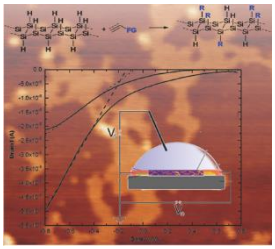


N-*Heterocyclic Carbene Coinage Metal Complexes of the Germanium-Rich Metalloid Clusters $[Ge_9R_3]^-$ and $[Ge_9R^I_2]^{2-}$ with R = $Si(^iPr)_3$ and R^I = $Si(TMS)_3$*
F. S. Geitner, M. A. Giebel, A. Pöthig, T. F. Fässler
Molecules 22 (2017), 1204 (DOI: 10.3390/molecules22071204)

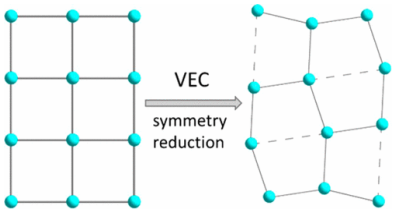


Synthesis and Characterization of the Lithium-rich Phosphidosilicates $Li_{10}Si_2P_6$ and $Li_3Si_3P_7$
H. Eickhoff, L. Toffoletti, W. Klein, G. Raudaschl-Sieber, T. F. Fässler
Inorg. Chem. 56 (2017), 6688–6694 (DOI: 10.1021/acs.inorgchem.7b00755)

Electrochemical Synthesis of the Allotrope allo-Ge and Investigations on the Use as an Anode Material
L. M Scherf, J. Hattendorf, I. Buchberger, S. Geier, H. A. Gasteiger, T. F. Fässler
J. Mater. Chem. A 5 (2017), 11179–11187 (DOI: 10.1039/C7TA03164E)

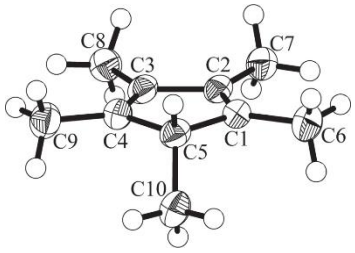


Lewis Acid Induced Functionalization of Photoluminescent 2D Silicon Nanosheets for the Fabrication of Functional Hybrid Films
T. Helbich, A. Lyuleeva, P. Marx, L. M. Scherf, T. Purkait, T. F. Fässler,
P. Lugli,J. G. C. Veinot, B. Rieger
Adv. Funct. Mater. 27 (2017), 1606764 (DOI: 10.1002/adfm.201606764)

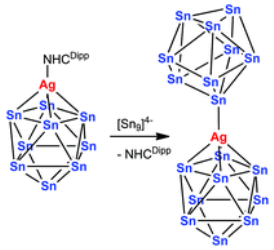


First-Order Phase Transition in $BaNi_2Ge_2$ and the Influence of the Valence Electron Count on Distortion of the $ThCr_2Si_2$ Structure Type
V. Hlukhyy, D. Trotzs, T. F. Fässler
Inorg. Chem. 56 (2017), 1173–1185 (DOI: 10.1021/acs.inorgchem.6b02190)

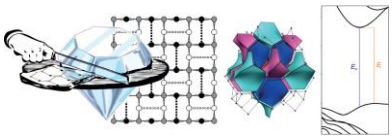
125 Years Zeitschrift für Anorganische und Allgemeine Chemie
T. F. Fässler, T. M. Klapötke, C. Limberg
Z. Anorg. Allg. Chem. 643 (2017), 406–409 (DOI: 10.1002/zaac.201710004)



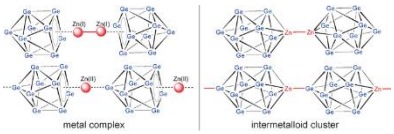
Crystal structure of 1,2,3,4,5-pentamethyl-1,3-cyclopentadiene, $C_{10}H_{16}$
C. Benda, W. Klein, T. F. Fässler
Z. Kristallogr. – New Cryst. Struct. 232 (2017), 511–512
(DOI: 10.1515/ncrs-2016-0402)



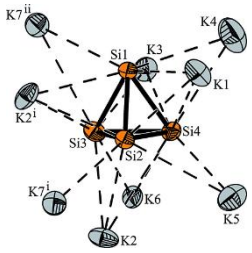
Formation of the intermetalloid cluster $[AgSn_{18}]^{7-}$ – the reactivity of coinage metal NHC compounds towards $[Sn_9]^{4-}$
F. S. Geitner, W. Klein, T. F. Fässler
Dalton Trans. 46 (2017), 5796–5800 (DOI: 10.1039/c7dt00754j)



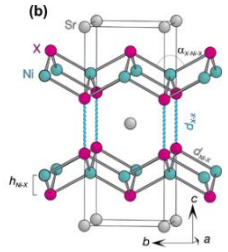
Slicing Diamond – A guide to Deriving sp^3-Si Allotropes
L.-A. Jantke, S. Stegmaier, A. J. Karttunen, T. F. Fässler
Chem. Eur. J. 23 (2017), 2734–2747 (DOI: 10.1002/chem.201603406)



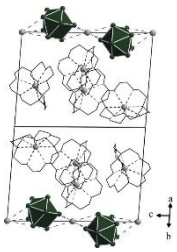
Retention of the Zn–Zn bond in $[Ge_9Zn–ZnGe_9]^{6-}$ and Formation of $[(Ge_9Zn)–(Ge_9)–(ZnGe_9)]^{8-}$ and Polymeric $^{1}_{\infty}[–(Ge_9Zn)^{2-}–]$
K. Mayer, L.-A. Jantke, S. Schulz, T. F. Fässler
Angew. Chem. 129 (2017), 2390–2395 (DOI: 10.1002/ange.201610831)
Angew. Chem. Int. Ed. 56 (2017), 2350–2355 (DOI: 10.1002/anie.201610831)



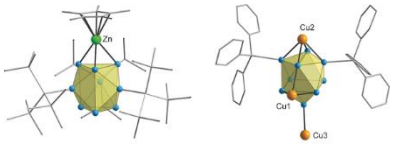
$[Si_4]^{4-}$ and $[Si_9]^{4-}$ Clusters Crystallized from Liquid Ammonia Solution – Synthesis and Characterization of $K_8[Si_4][Si_9](NH_3)_{14.6}$
C. B. Benda, T. Henneberger, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 643 (2017), 146–148 (DOI: 10.1002/zaac.201600369)



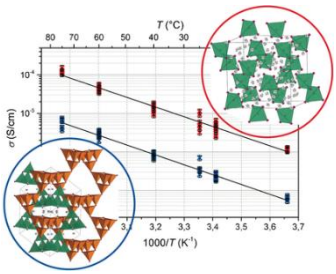
Structural instability and superconductivity in the solid solution $SrNi_2(P_{1-x}Ge_x)_2$
V. Hlukhyy, A. V. Hoffmann, V. Grinenko, J. Scheiter, F. Hummel, D. Johrendt, T. F. Fässler
Phys. Status Solidi B 254 (2017), 1600351 (DOI: 10.1002/pssb.201600351)



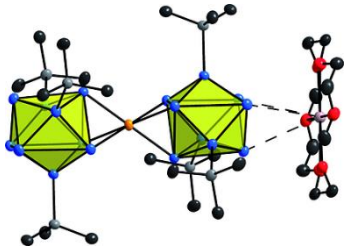
Crystal structure of tris[(4,7,13,16,21,24-hexa-oxa-1,10-di-aza-bicyclo-[8.8.8] hexa-cosane-κ^8N_2,O_6)rubidium] rubidium nona-stannide
W. Klein, H. He, T. F. Fässler
Acta Cryst. E73 (2017), 147–151 (DOI: 10.1107/S2056989017000172)



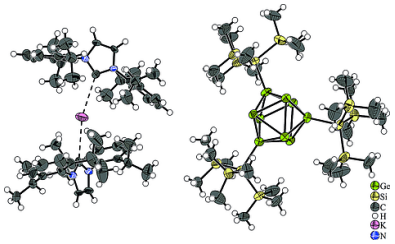
On the Reactivity of Silylated Ge_9 Clusters: Synthesis and Characterization of $[ZnCp^*(Ge_9\{Si(SiMe_3)_3\}_3)]$, $[CuPiPr_3(Ge_9\{Si(SiMe_3)_3\}_3)]$, and $[(CuPiPr_3)_4\{Ge_9(SiPh_3)_2\}_2]$
K. Mayer, L. J. Schiegerl, T. F. Fässler
Chem. Eur. J. 22 (2016), 18794–18800 (DOI: 10.1002/chem.201603475)



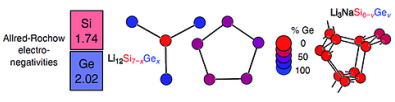
Lithium Ion Mobility in Lithium Phosphidosilicates: Crystal Structure, ^7Li, ^{29}Si, and $^{31}PMAS$ NMR Spectroscopy, and Impedance Spectroscopy of Li_8SiP_4 and Li_2SiP_2
L. Toffoletti, H. Kirchhain, J. Landesfeind, W. Klein, L. van Wüllen,
H. A. Gasteiger, T. F. Fässler
Chem. Eur. J. 22 (2016), 17635–17645 (DOI: 10.1002/chem.201602903)



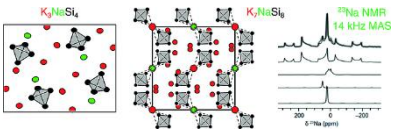
Functionalization of $[Ge_9]$ with Small Silanes:$[Ge_9(SiR_3)_3]^-$ (R = iBu, iPr, Et) and the Structures of $(CuNHC^{Dipp})[Ge_9\{Si(iBu)_3\}_3]$, (K-18c6)$Au[Ge_9\{Si(iBu)_3\}_3]_2$, and (K-18c6)$_2[Ge_9\{Si(iBu)_3\}_2]$
L. J. Schiegerl, F. S. Geitner, C. Fischer, W. Klein, T. F. Fässler
Z. Anorg. Allg. Chem. 642 (2016), 1419–1426 (DOI: 10.1002/zaac.201600295)



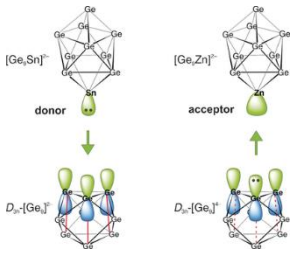
Reaction of $SiCl_2$·dipp with $K[Ge_9(Si(SiMe_3)_3)_3]$ – Synthesis and Characterization of $[K(dipp)_2][Ge_9(Si(SiMe_3)_3)_3]$·tol and [dipp-H]$[Ge_9(Si(SiMe_3)_3)_3]$·2acn
C. Fischer, W. Klein, L.-A. Jantke, L. J. Schiegerl, T. F. Fässler
Z. Anorg. Allg. Chem. 642 (2016), 1314–1319 (DOI: 10.1002/zaac.201600296)



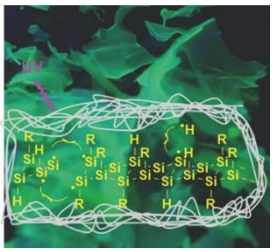
Site-Specific Substitution Preferences in the Solid Solutions $Li_{12}Si_{7-x}Ge_x$, $Li_{12-y}Na_ySi_7$, $Na_7LiSi_{8-z}Ge_z$, and $Li_3NaSi_{6-v}Ge_v$
L. M. Scherf, N. Riphaus, T. F. Fässler
Z. Anorg. Allg. Chem. 642 (2016), 1143–1151 (DOI: 10.1002/zaac.201600259)



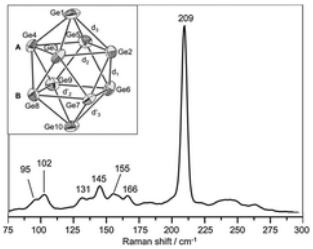
Zintl Phases $K_{4-x}Na_xSi_4$ ($1 \leq x \leq 2.2$) and K_7NaSi_8: Synthesis, Crystal Structures, and Solid-State NMR Spectroscopic Investigations
L. M. Scherf, O. Pecher, K. J. Griffith, F. Haarmann, C. P. Grey, T. F. Fässler
Eur. J. Inorg. Chem. 2016 (2016), 4674–4682 (DOI: 10.1002/ejic.201600735)



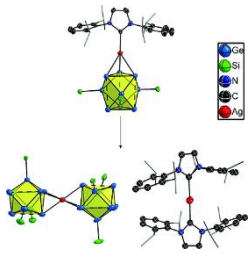
On the Nature of Bridging Metal Atoms in Intermetalloid Clusters: Synthesis and Structure of the Metal-Atom-Bridged Zintl Clusters $[Sn(Ge_9)_2]^{4-}$ and $[Zn(Ge_9)_2)]^{6-}$
M. M. Bentlohner, L.-A. Jantke, T. Henneberger, C. Fischer, K. Mayer, W. Klein, T. F. Fässler
Chem. Eur. J. 22 (2016), 13946–13952 (DOI: 10.1002/chem.201601706)



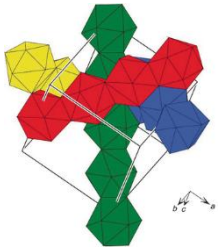
One-Step Synthesis of Photoluminescent Covalent Polymeric Nanocomposites from 2D Silicon Nanosheets
T. Helbich, A. Lyuleeva, T. Ludwig, L. M. Scherf, T. F. Fässler, P. Lugli, B. Rieger
Adv. Funct. Mater. 26 (2016), 6711–6718 (DOI: 10.1002/adfm.201602137)



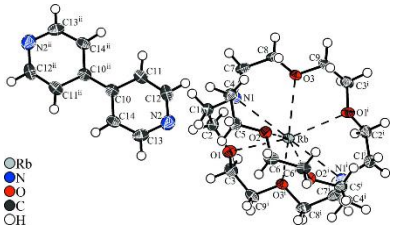
Synthesis and characterization of pristine closo-$[Ge_{10}]^{2-}$
M. M. Bentlohner, C. Fischer, T. F. Fässler
Chem. Commun. 52 (2016), 9841–9843 (DOI: 10.1039/C6CC04143D)



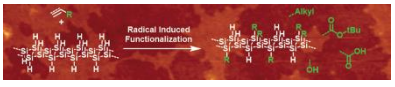
Introducing Tetrel Zintl Ions to N-Heterocyclic Carbenes – Synthesis of Coinage Metal NHC Complexes of $[Ge_9\{Si(SiMe_3)_3\}_3]^-$
F. S. Geitner, T. F. Fässler
Eur. J. Inorg. Chem. 17 (2016), 2688–2691 (DOI: 10.1002/ejic.201600258)



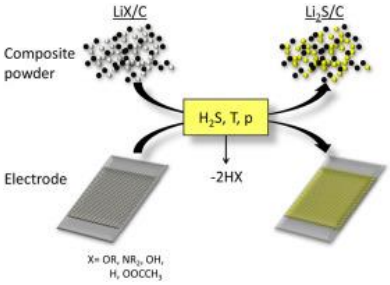
Substitution of Lithium for Magnesium, Zinc, and Aluminum in $Li_{15}Si_4$: Crystal Structures, Thermodynamic Properties, as well as ^6Li and ^7Li NMR Spectroscopy of $Li_{15}Si_4$ and $Li_{15-x}M_xSi_4$ (M=Mg, Zn, and Al)
V. Baran, L. van Wüllen, T. F. Fässler
Chem. Eur. J. 22 (2016), 6598–6609 (DOI: 10.1002/chem.201505145)



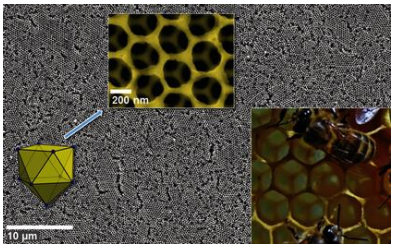
(4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo-[8.8.8]hexacosane-κ^8N_2,O_6)rubidium 4,4'-bipyridinidyl
K. Mayer, W. Klein, T. F. Fässler
IUCrData 1 (2016), x160505
(DOI: 10.1107/S2414314616005058)



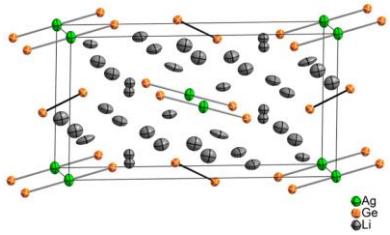
Radical-Induced Hydrosilylation Reactions for the Functionalization of Two-Dimensional Hydride Terminated Silicon Nanosheets
T. Helbich, A. Lyuleeva, I. M. D. Hohlein, P. Marx, L. M. Scherf, J. Kehrle, T. F. Fässler, P. Lugli, B. Rieger
Chem. Eur. J. 22 (2016), 6194–6198 (DOI: 10.1002/chem.201505134)



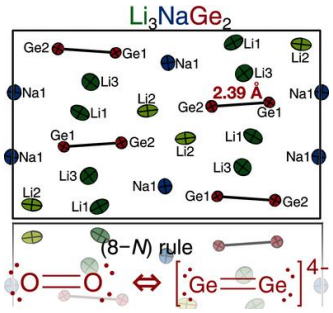
Electrochemical performance of lithium-sulfur batteries based on a sulfur cathode obtained by H_2S gas treatment of a lithium salt
C. B. Dressel, H. Jha, A.-M. Eberle, H. A. Gasteiger, T. F. Fässler
J. Pow. Sour. 307 (2016), 844–848 (DOI: 10.1016/j.jpowsour.2015.12.140)



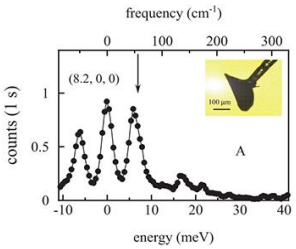
Zintl Clusters as Wet-Chemical Precursors for Germanium Nanomorphologies with Tunable Composition
M. M. Bentlohner, M. Waibel, P. Zeller, K. Sarkar, P. Müller-Buschbaum, D. Fattakhova-Rohlfing, T. F. Fässler
Angew. Chem. 128 (2016), 2487–2491 (DOI: 10.1002/ange.201508246)
Angew. Chem. Int. Ed. 55 (2016), 2441–2445 (DOI: 10.1002/anie.201508246)



Switching the Structure Type upon Ag Substitution: Synthesis and Crystal as well as Electronic Structures of $Li_{12}AgGe_4$
A. Henze, T. F. Fässler
Inorg. Chem. 55 (2016), 822–827 (DOI: 10.1021/acs.inorgchem.5b02299)



$[Ge_2]^{4-}$ Dumbbells with Very Short Ge−Ge Distances in the Zintl Phase Li_3NaGe_2: A Solid-State Equivalent to Molecular O_2
L. M. Scherf, A. J. Karttunen, O. Pecher, P. C. M. M. Magusin, C. P. Grey, T. F. Fässler
Angew. Chem. 128 (2016), 1087–1091 (DOI: 10.1002/ange.201508044)
Angew. Chem. Int. Ed. 55 (2016), 1075–1079 (DOI: 10.1002/anie.201508044)



Elastic properties of type-I clathrate $K_8Zn_4Sn_{42}$ determined by inelastic X-ray scattering
B. M. Leu, M. I. Sturza, J. W. Hong, A. Alatas, V. Baran, T. F. Fässler
EPL 113 (2016), 16001
(DOI: 10.1209/0295-5075/113/16001)

2016 – After a Year Full of Changes for ZAAC
T. F. Fässler, T. M. Klapötke, C. Limberg, S. Turba
Z. Anorg. Allg. Chem. 642 (2016), 2–2 (DOI: 10.1002/zaac.201610001)