Thomas F FÃ¤ssler

List of Publications by Year
in descending order

302 papers	10,474 citations	50276 46 h-index	49909 87 g-index
331 all docs	331 docs citations	331 times ranked	5055 citing authors

#	Article	IF	Citations
1	Chemi-Inspired Silicon Allotropesâ€”Experimentally Accessible Si9 Cages as Proposed Building Block for 1D Polymers, 2D Sheets, Single-Walled Nanotubes, and Nanoparticles. Molecules, 2022, 27, 822.	3.8	2
2	Oxidative coupling of silylated nonagermanide clusters. Chemical Communications, 2022, 58, 5486-5489.	4.1	3
3	Effect of Solvent Vapor Annealing on Diblock Copolymer-Templated Mesoporous Si/Ge/C Thin Films: Implications for Li-Ion Batteries. ACS Applied Nano Materials, 2022, 5, 7278-7287.	5.0	2
4	On the Crystal Structure and Conductivity of Na₃P. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 28-33.	1.2	9
5	Boranylâ€Functionalized [Ge₉] Clusters: Providing the Idea of Intramolecular Ge/B Frustrated Lewis Pairs. Angewandte Chemie - International Edition, 2021, 60, 2648-2653.	13.8	25
6	Boranylâ€Functionalized [Ge 9] Clusters: Providing the Idea of Intramolecular Ge/B Frustrated Lewis Pairs. Angewandte Chemie, 2021, 133, 2680-2685.	2.0	3
7	On the Oxidation of [Ge₉]^{4âˆ’} â€“ Crystal Structures and Raman Spectroscopic Investigation of Linked Ge₉ Clusters. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 377-384.	1.2	6
8	Intermetallic phases meet intermetalloid clusters. Chemical Society Reviews, 2021, 50, 8496-8510.	38.1	16
9	FLP-type nitrile activation and cyclic ether ring-opening by halo-borane nonagermanide-cluster Lewis acidâ€“base pairs. Chemical Science, 2021, 12, 6969-6976.	7.4	17
10	Synthesis, structure and diffusion pathways of fast lithium-ion conductors in the polymorphs Î±- and Î²-Li₈SnP₄. Journal of Materials Chemistry A, 2021, 9, 15254-15268.	10.3	8
11	Supertetrahedral polyanionic network in the first lithium phosphidoindate Li₃InP₂ â€“ structural similarity to Li₂SiP₂ and Li₂GeP₂ and dissimilarity to Li₃AlP₂ and Li₃GaP₂. Chemical Science, 2021, 12, 1278-1285.	7.4	8
12	Fast Lithium-Ion Conduction in Phosphide Li₉GaP₄. Chemistry of Materials, 2021, 33, 2957-2966.	6.7	7
13	Evolving Highly Active Oxidic Iron(III) Phase from Corrosion of Intermetallic Iron Silicide to Master Efficient Electrocatalytic Water Oxidation and Selective Oxygenation of 5â€Hydroxymethylfurfural. Advanced Materials, 2021, 33, e2008823.	21.0	91
14	Aliovalent substitution in phosphideâ€based materials â€“ Crystal structures of Na 10 AlTaP 6 and Na 3 GaP 2 featuring edgeâ€sharing E P 4 tetrahedra (E =Al/Ta and Ga). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1804-1814.	1.2	1
15	Crystal structure of (4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane-<i>Îº</i> ⁸) Tj ETQq1 1 0.784314 rgBT C₂₃H₄₁KN₂O₆. Zeitschrift Fur Kristallographie - New Crystal Structures, 2021, 236, 1259-1261.	0.3	0
16	Surfaceâ€Anisotropic Janus Silicon Quantum Dots via Masking on 2D Silicon Nanosheets. Advanced Materials, 2021, 33, e2100288.	21.0	7
17	Surfaceâ€Anisotropic Janus Silicon Quantum Dots via Masking on 2D Silicon Nanosheets (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT /Ov	21.0	1
18	Filled trivacant icosahedra as building fragments in 17-atom endohedral germanides [<i>TM</i>₂@Ge₁₇]^{<i>n</i>âˆ’}(<i>TM</i>= Co, Ni). Dalton Transactions, 2021, 50, 13671-13675.	3.3	7

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19	Li 5 SnP 3 â€" a Member of the Series Li 10+4 x Sn 2â^' x P 6 for x =0 Comprising the Fast Lithiumâ€Ion		

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37	Synthesis, Structure, Solidâ€State NMR Spectroscopy, and Electronic Structures of the Phosphidotrielates Li₃AlP₂ and Li₃GaP₂. Chemistry - A European Journal, 2020, 26, 6812-6819.	3.3	13
38	Intermediates and products of the reaction of Zn(<scp>ii</scp>) organyls with tetrel element<i>Zintl</i>ions: cluster extension<i>versus</i>complexation. Dalton Transactions, 2020, 49, 6191-6198.	3.3	11
39	Frontispiz: Fast Lithium Ion Conduction in Lithium Phosphidoaluminates. Angewandte Chemie, 2020, 132, .	2.0	0
40	Fast Lithium Ion Conductivity in the Solid Solution Li8+X Al X Ge1-X P4 (0â‰Xâ‰1) By Aliovalent Substitution. ECS Meeting Abstracts, 2020, MA2020-02, 949-949.	0.0	0
41	A New Class of Superionic Solid-State Lithium-Ion Conductors: Lithium-Phosphido Silicates, Germanates, and Aluminates. ECS Meeting Abstracts, 2020, MA2020-02, 968-968.	0.0	0
42	Fast Ionic Conductivity in the Most Lithium-Rich Phosphidosilicate Li₁₄SiP₆. Journal of the American Chemical Society, 2019, 141, 14200-14209.	13.7	49
43	Silicon clusters with six and seven unsubstituted vertices <i>via</i> a two-step reaction from elemental silicon. Chemical Science, 2019, 10, 9130-9139.	7.4	22
44	Metalloâ€KÃfige fÃ¼r Metallâ€Anionen: Hochgeladene [Co@Ge 9] 5âˆ’ â€•und [Ru@Sn 9] 6âˆ’ â€Cluster mit sphÃrisch eingelagerten Co âˆ’ â€•und Ru 2âˆ’ â€•Anionen. Angewandte Chemie, 2019, 131, 13040-13045.	2.0	1
45	Metallocages for Metal Anions: Highly Charged [Co@Ge₉]^{5âˆ’} and [Ru@Sn₉]^{6âˆ’} Clusters Featuring Spherically Encapsulated Co^{1âˆ’} and Ru^{2âˆ’} Anions. Angewandte Chemie - International Edition, 2019, 58, 12908-12913.	13.8	26
46	Zinc as a versatile connecting atom for zintl cluster oligomers. Chemical Communications, 2019, 55, 12156-12159.	4.1	8
47	Early-Transition-Metal Complexes of Functionalized Nonagermanide Clusters: Synthesis and Characterization of [Cp₂(MeCN)Ti(Î·¹-Ge₉{Si(TMS)₃}₃)] and K₃[Cp₂Ti(Î·¹-Ge₉{Si(TMS)₃}₂)₂]. Inorganic Chemistry, 2019, 58, 13293-13298.	4.0	16
48	Amphiphilic diblock copolymer-mediated structure control in nanoporous germanium-based thin films. Nanoscale, 2019, 11, 2048-2055.	5.6	10
49	Enhancing the Variability of [Ge 9] Cluster Chemistry through Phosphine Functionalization. Chemistry - A European Journal, 2019, 25, 12349-12356.	3.3	16
50	The Reaction of Ethylenediamine with 1,4â€Bis(trimethylsilyl)butadiyne and the Role of Water: A Qualitative Method for the Determination of Water Impurities in Ethylenediamine. European Journal of Organic Chemistry, 2019, 2019, 3101-3104.	2.4	0
51	Silylated Ge₉ Clusters as New Ligands for Cyclic (Alkyl)amino and Mesoionic Carbene Copper Complexes. Inorganic Chemistry, 2019, 58, 3256-3264.	4.0	11
52	Crystal structure of (1,4,7,10,13,16-hexaoxacyclooctadecane-Îº⁶ <i>O</i> ₆) 1,2,3,4,5-pentamethyl-cyclopenta-2,4-dien-1-yl(potassium, rubidium) â€" ammonia (1/2), [K_{0.3}Rb_{0.7}(18-crown-6)]Cp*â‹…2 NH₃, C₂₂H₄₅K_{0.3}N₂O₆Rb_{0.7}. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 1241-1243.	0.3	3
53	Rapid Crystallization and Kinetic Freezing of Site-Disorder in the Lithium Superionic Argyrodite Li₆PS₅Br. Chemistry of Materials, 2019, 31, 10178-10185.	6.7	72
54	Synthesis of low-oxidation-state germanium clusters comprising a functional anchor group â€" synthesis and characterization of [(Ge⁰)₅(Ge-R)₃(Ge-(CH₂)_n-CHî€CH₂)] with R = Si(SiMe₃)₃. Dalton Transactions, 2018, 47, 3223-3226.	3.3	16

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55	On the Variable Reactivity of Phosphineâ€Functionalized [Ge₉] Clusters: <i>Zintl</i> Clusterâ€Substituted Phosphines or Phosphineâ€Substituted <i>Zintl</i> Clusters. Chemistry - A European Journal, 2018, 24, 4103-4110.	3.3	25
56	Radical-Initiated and Thermally Induced Hydrogermylation of Alkenes on the Surfaces of Germanium Nanosheets. Chemistry of Materials, 2018, 30, 2274-2280.	6.7	30
57	A wet-chemical route for macroporous inverse opal Ge anodes for lithium ion batteries with high capacity retention. Sustainable Energy and Fuels, 2018, 2, 85-90.	4.9	20
58	[(Î¼₂-H)(Î·²-Ge₄)ZnPh₂]^{3â^’}, an edge-on protonated E₄ cluster establishing the first three-center two-electron Geâ€“Hâ€“Ge bond. Chemical Communications, 2018, 54, 12381-12384.	4.1	24
59	Crystal structure of [(1,2-<i>Î·</i>)-1,2,3,4,5-pentamethyl-cyclopenta-2,4-dien-1-yl] (1,4,10,13-tetraoxa-7,16-diazacyclooctadecane-Îº⁶ <i>N</i> ₂,<i>O</i>) Tj ETQq1 1 0.784314 rgBT /Overlo C₂₂H₄₁N₂O₄Rb. Zeitschrift Fur Kristallographie - New Crystal Structures, 2018, 234, 165-167.	0.3	2
60	Synthesis and Characterization of the New Ternary Titanium Thiophosphate TiP₂S₇ and Comparison to Ti₄P₈S₂₉. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1681-1685.	1.2	0
61	Capping <i>nido</i>-Nonagermanide Clusters with <i>M</i>-PPh₃ and Dynamics in Solution: Synthesis and Structure of <i>closo</i>-[(Me₃Si)₃Si]₃Et[Ge₉<i>M</i>](PPh₃) (<i>M</i> = Ni, Pt). Organometallics, 2018, 37, 4560-4567.	2.3	13
62	A New Type of 2â€‰Ã—â€‰2â€‰Ã—â€‰2 Superstructure of Clathrateâ€I with <i>I</i>43<i>d</i> Symmetry in <i>A</i>₈Sn_{46â€“<i>x</i>â€“<i>y</i>}Tl<i>_x</i>â¬œ<i>_y</i> (<i>A</i> = Rb, Cs). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1456-1463.	1.2	1
63	Anionic Siliconoids from Zintl Phases: R₃Si₉^{â^’} with Six and R₂Si₉^{2â^’} with Seven Unsubstituted Exposed Silicon Cluster Atoms (R=Si(<i>t</i>Bu)₂H). Chemistry - A European Journal, 2018, 24, 19171-19174.	3.3	28
64	Challenges in chemical synthesis at the border of solution-based and solid-state chemistryâ€”Synthesis and structure of [CH3CH2Ge9{Si(SiMe3)3}]2â^’. Comptes Rendus Chimie, 2018, 21, 932-937.	0.5	5
65	On the Affinity between Fullerenes and Deltahedral Zintl Ions: A UV/Vis Spectroscopic Investigation. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1337-1343.	1.2	4
66	Predicted Siliconoids by Bridging Si9 Clusters through sp3-Si Linkers. Inorganics, 2018, 6, 31.	2.7	7
67	Charged Si₉ Clusters in Neat Solids and the Detection of [H₂Si₉]^{2â^’} in Solution: A Combined NMR, Raman, Mass Spectrometric, and Quantum Chemical Investigation. Angewandte Chemie - International Edition, 2018, 57, 12950-12955.	13.8	28
68	Synthesis and Reactivity of Multiple Phosphineâ€Functionalized Nonagermanide Clusters. Angewandte Chemie, 2018, 130, 14717-14721.	2.0	17
69	Synthesis and Reactivity of Multiple Phosphineâ€Functionalized Nonagermanide Clusters. Angewandte Chemie - International Edition, 2018, 57, 14509-14513.	13.8	37
70	Acylation of Homoatomic Ge₉ Cages and Subsequent Decarbonylation. Chemistry - A European Journal, 2018, 24, 9009-9014.	3.3	19
71	Intermetalloid Clusters: Molecules and Solids in a Dialogue. Angewandte Chemie - International Edition, 2018, 57, 14372-14393.	13.8	55
72	Silicon Containing Nine Atom Clusters from Liquid Ammonia Solution: Crystal Structures of the First Protonated Clusters [HSi₉]^{3â€“} and [H₂{Si/Ge}₉]^{2â€“}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2018, 644, 1018-1027.	1.2	32

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73	Charged Si₉ Clusters in Neat Solids and the Detection of [H₂Si₉]^{2â^'} in Solution: A Combined NMR, Raman, Mass Spectrometric, and Quantum Chemical Investigation. Angewandte Chemie, 2018, 130, 13132-13137.	2.0	12
74	Intermetalloide Cluster: MolekÃ¼le und FestkÃ¶rper im Dialog. Angewandte Chemie, 2018, 130, 14570-14593.	2.0	11
75	Lithium Phosphidogermanates Î±- and Î²-Li₈GeP₄â€"A Novel Compound Class with Mixed Li⁺ Ionic and Electronic Conductivity. Chemistry of Materials, 2018, 30, 6440-6448.	6.7	30
76	First-Order Phase Transition in BaNi₂Ge₂ and the Influence of the Valence Electron Count on Distortion of the ThCr₂Si₂ Structure Type. Inorganic Chemistry, 2017, 56, 1173-1185.	4.0	5
77	Retention of the Znâ^'Zn bond in [Ge₉Znâ^'ZnGe₉]^{6â^'} and Formation of [(Ge₉Zn)â^'(Ge₉)â^'(ZnGe₉)]^{8â^'} and Polymeric [â^'(Ge₉Zn)^{2â^'}â^']. Angewandte Chemie - International Edition, 2017, 56, 2350-2355.	13.8	58
78	Formation of the intermetalloid cluster [AgSn₁₈]^{7â^'} â€" the reactivity of coinage metal NHC compounds towards [Sn₉]^{4â^'}. Dalton Transactions, 2017, 46, 5796-5800.	3.3	32
79	Retention of the Znâ^'Zn bond in [Ge₉Znâ^'ZnGe₉]^{6â^'} and Formation of [(Ge₉Zn)â^'(Ge₉)â^'(ZnGe₉)]^{8â^'} and Polymeric [â^'(Ge₉Zn)^{2â^'}â^']. Angewandte Chemie, 2017, 129, 2390-2395.	2.0	16
80	Electrochemical synthesis of the allotrope allo-Ge and investigations on its use as an anode material. Journal of Materials Chemistry A, 2017, 5, 11179-11187.	10.3	7
81	Slicing Diamond for More sp³ Groupâ€...14 Allotropes Ranging from Direct Bandgaps to Poor Metals. ChemPhysChem, 2017, 18, 1992-2006.	2.1	5
82	Synthesis and Characterization of the Lithium-Rich Phosphidosilicates Li₁₀Si₂P₆ and Li₃Si₃P₇. Inorganic Chemistry, 2017, 56, 6688-6694.	4.0	34
83	Hybrid Photovoltaics â€" from Fundamentals towards Application. Advanced Energy Materials, 2017, 7, 1700248.	19.5	39
84	Frontispiece: Slicing Diamondâ€"A Guide to Deriving sp³â€Si Allotropes. Chemistry - A European Journal, 2017, 23, .	3.3	0
85	Slicing Diamondâ€"A Guide to Deriving sp³â€Si Allotropes. Chemistry - A European Journal, 2017, 23, 2734-2747.	3.3	15
86	[Si₄]^{4â€"} and [Si₉]^{4â€"} Clusters Crystallized from Liquid Ammonia Solution â€" Synthesis and Characterization of K₈[Si₄][Si₉]Â·(NH₃)_{14.6}. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 146-148.	1.2	22
87	Targeted attachment of functional groups at Ge₉ clusters via silylation reactions. Chemical Communications, 2017, 53, 11798-11801.	4.1	24
88	Synthesis of Zintl Triads Comprising Extended Conjugated Ï€-Electronic Systems: [RGe₉â€"CHâ•CHâ€"CHâ•CHâ€"Ge₉R]^{4â€"} (R = â^'CHâ•CH₂,) Tj ETQq0 0 0 rgBT /C 2017, 56, 10691-10698.	4.0	16
89	On the Mechanism of Connecting Deltahedral Zintl Clusters via Conjugated Butaâ€1,3â€dienâ€1,4â€diyl Functionalities: Synthesis and Structure of [Ge₉â^'CH=CHâ^'CH=CHâ^'Ge₉]^{6â^'}. Chemistry - A European Journal, 2017, 23, 17089-17094.	3.3	11
90	[SnBi₃]^{5â^'}â€‰â€"A Carbonate Analogue Comprising Exclusively Metal Atoms. Angewandte Chemie - International Edition, 2017, 56, 15159-15163.	13.8	20

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91	CuTiPS5 - A New Structure Type with a Corrugated Layered Network Structure. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1814-1817.	1.2	3
92	Derivatization of Phosphine Ligands with Bulky Deltahedral <i>Zintl</i> Clustersâ€"Synthesis of Charge Neutral Zwitterionic Tetrel Cluster Compounds [(Ge₉{Si(TMS)₃}₂)^{<i>t</i>}Bu₂P]M(NHC^{Dipp}) (M: Cu, Ag, Au). Journal of the American Chemical Society, 2017, 139, 11933-11940.	13.7	48
93	Crystal structure of 1,2,3,4,5-pentamethyl-1,3-cyclopentadiene, C10H16. Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 511-512.	0.3	8
94	Slicing Diamond for More sp³ Groupâ€...14 Allotropes Ranging from Direct Bandgaps to Poor Metals. ChemPhysChem, 2017, 18, 1960-1960.	2.1	0
95	The Influence of the Valence Electron Concentration on the Structural Variation of the Laves Phases MgNi_{2â€"<i>x</i>}Ge<i>_x</i>. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1424-1430.	1.2	10
96	[SnBi₃]^{5â^'} â€" ein Carbonatâ€Analogon aus Metallatomen. Angewandte Chemie, 2017, 129, 15356-15361.	2.0	7
97	Low oxidation state silicon clusters â€" synthesis and structure of [NHCDippCu(Î·4-Si9)]3â^'. Chemical Communications, 2017, 53, 12974-12977.	4.1	34
98	Structural instability and superconductivity in the solid solution SrNi₂(P_{1â^'<i>x</i>}Ge_{<i>x</i>})₂. Physica Status Solidi (B): Basic Research, 2017, 254, 1600351.	1.5	8
99	Front Cover: CuTiPS₅ â€" A New Structure Type with a Corrugated Layered Network Structure (Z. Anorg. Allg. Chem. 23/2017). Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 1812-1812.	1.2	0
100	N-Heterocyclic Carbene Coinage Metal Complexes of the Germanium-Rich Metalloid Clusters [Ge9R3]â^' and [Ge9RI2]2â^' with R = Si(iPr)3 and RI = Si(TMS)3. Molecules, 2017, 22, 1204.	3.8	29
101	Crystal structure of tris[(4,7,13,16,21,24-hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane-Îº⁸<i>N</i>₂,<i>O</i>₆)rubid rubidium nonastannide. Acta Crystallographica Section E: Crystallographic Communications, 2017, 73, 147-151.	0.5	1
102	[Ge₂]^{4â^'} Dumbbells with Very Short Geâ^'Ge Distances in the Zintl Phase Li₃NaGe₂: A Solidâ€State Equivalent to Molecular O₂. Angewandte Chemie - International Edition, 2016, 55, 1075-1079.	13.8	19
103	Substitution of Lithium for Magnesium, Zinc, and Aluminum in Li₁₅Si₄: Crystal Structures, Thermodynamic Properties, as well as ⁶Li and ⁷Liâ€...NMR Spectroscopy of Li₁₅Si₄ and Li_{15â^'<i>x</i>}M_{<i>x</i>}Si₄ (M=Mg, Zn, and Al). Chemistry - A	3.3	13
104	On the Reactivity of Silylated Ge₉ Clusters: Synthesis and Characterization of [ZnCp*(Ge₉{Si(SiMe₃)₃}₃)], [CuP<i>i</i>Pr₃(Ge₉{Si(SiMe₃)₃}₃)], and [(CuP<i>i</i>Pr₃)₄{Ge₉(SiPh₃)₂}₂]. Chemistry - A European Journal, 2016, 22, 18794-18800.	3.3	42
105	InnenrÃ¼cktitelbild: Zintl Clusters as Wetâ€Chemical Precursors for Germanium Nanomorphologies with Tunable Composition (Angew. Chem. 7/2016). Angewandte Chemie, 2016, 128, 2647-2647.	2.0	0
106	Siteâ€Specific Substitution Preferences in the Solid Solutions Li₁₂Si_{7â€"<i>x</i>}Ge<i>_x</i>, Li_{12â€"<i>y</i>}Na<i>_y</i>Si₇, Na₇LiSi_{8â€"<i>z</i>}Ge<i>_z</i>, and Li₃NaSi_{6â€"<i>v</i>}Ge<i>_v</i>. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1143-1151.	1.2	6
107	On the Nature of Bridging Metal Atoms in Intermetalloid Clusters: Synthesis and Structure of the Metalâ€Atomâ€Bridged Zintl Clusters [Sn(Ge₉)₂]^{4â^'} and 13946-13952.	3.3	41
108	Synthesis and characterization of pristine closo-[Ge₁₀]^{2â^'}. Chemical Communications, 2016, 52, 9841-9843.	4.1	23

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109	Oneâ€Step Synthesis of Photoluminescent Covalent Polymeric Nanocomposites from 2D Silicon Nanosheets. Advanced Functional Materials, 2016, 26, 6711-6718.	14.9	23
110	Zintl Phases K_{4â€"<i>x</i>}Na<i>_x</i>Si₄ (1 â‰ <i>x</i> â‰ 2.2) and K₇NaSi₈: Synthesis, Crystal Structures, and Solidâ€State NMR Spectroscopic Investigations. European Journal of Inorganic Chemistry, 2016, 2016, 4674-4682.	2.0	8
111	[illegible] Silanes:[Ge₉(SiR₃)₃]⁻(R =<i>i</i>Bu,<i>i</i>Pr, Et) and the Structures of (CuNHC^{Dipp})[Ge₉{Si(<i>i</i>Bu)₃}₃], (K-18c6)Au[Ge₉{Si(<i>i</i>Bu)₃}₃]₂, and [illegible] Zeitschrift Fur A[illegible]	1.2	37
112	Reaction of SiCl₂Â·dipp with K[Ge₉{Si(SiMe₃)₃}₃] â€" Synthesis and Characterization of [K(dipp)₂][Ge₉{Si(SiMe₃)₃}₃]Â·tol and [dippâ€H][Ge₉{Si(SiMe₃)₃}₃]Â·2acn [dipp = 1,3â€Bis(2,6â€Diisopropylphenyl)imidazolâ€2â€ylidene]. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2016, 642, 1314-1319.	1.2	8
113	Lithium Ion Mobility in Lithium Phosphidosilicates: Crystal Structure, ⁷Li, ²⁹Si, and ³¹Pâ€…MAS NMR Spectroscopy, and Impedance Spectroscopy of Li₈SiP₄ and Li₂SiP₂. Chemistry - A European Journal, 2016, 22, 17635-17645.	3.3	62
114	Zintl Clusters as Wetâ€Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. Angewandte Chemie, 2016, 128, 2487-2491.	2.0	22
115	Radicalâ€Induced Hydrosilylation Reactions for the Functionalization of Twoâ€Dimensional Hydride Terminated Silicon Nanosheets. Chemistry - A European Journal, 2016, 22, 6194-6198.	3.3	35
116	[Ge₂]^{4â^'} Dumbbells with Very Short Geâ^'Ge Distances in the Zintl Phase Li₃NaGe₂: A Solidâ€State Equivalent to Molecular O₂. Angewandte Chemie, 2016, 128, 1087-1091.	2.0	10
117	Introducing Tetrel Zintl Ions to Nâ€Heterocyclic Carbenes â€" Synthesis of Coinage Metal NHC Complexes of [Ge9{Si(SiMe3)3}3]â€". European Journal of Inorganic Chemistry, 2016, 2016, 2688-2691.	2.0	49
118	Zintl Clusters as Wetâ€Chemical Precursors for Germanium Nanomorphologies with Tunable Composition. Angewandte Chemie - International Edition, 2016, 55, 2441-2445.	13.8	50
119	Elastic properties of type-I clathrate K ₈ Zn ₄ Sn ₄₂ determined by inelastic X-ray scattering. Europhysics Letters, 2016, 113, 16001.	2.0	1
120	Electrochemical performance of lithiumâ€"sulfur batteries based on a sulfur cathode obtained by H2S gas treatment of a lithium salt. Journal of Power Sources, 2016, 307, 844-848.	7.8	22
121	Switching the Structure Type upon Ag Substitution: Synthesis and Crystal as well as Electronic Structures of Li₁₂AgGe₄. Inorganic Chemistry, 2016, 55, 822-827.	4.0	3
122	(4,7,13,16,21,24-Hexaoxa-1,10-diazabicyclo[8.8.8]hexacosane-Îº⁸<i>N</i>₂,<i>O</i>₆)rubidium 4,4â€²-bipyridinidyl. IUCrData, 2016, 1, .	0.3	2
123	On the Formation of Intermetalloid Clusters: Titanocene(III)diammin as a Versatile Reactant Toward Nonastannide Zintl Clusters. Angewandte Chemie - International Edition, 2015, 54, 522-526.	13.8	49
124	Crystal Structure of Mg_{0.39(2)}NiSn_{1.61(2)} and Mg_{2.61(2)}Ni₄Sn_{3.39(2)} Featuring Mg/Sn Atom Networks with Different Connections of Ni@(Mg/Sn)₈ Coordination Polyhedra. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 221-228.	1.2	2
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