

# Jens Beckmann

## List of Publications by Year in descending order

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Version: 2024-02-01

268  
papers

4,393  
citations

117625

34  
h-index

223800

46  
g-index

283  
all docs

283  
docs citations

283  
times ranked

3103  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Coordination-Induced Band Gap Reduction in a Metal-Organic Framework. Chemistry - A European Journal, 2022, 28, e202104041.   | 3.3  | 4         |
| 2  | Metal Complexes of the Perfluorinated Trityl Alkoxide $[(C_6F_5)_3CO]^-$ . European Journal of Inorganic Chemistry, 2022, 2022, .   | 2.0  | 0         |
| 3  | Heavier bis( <i>m</i> -terphenyl)element phosphoethynolates of group 13. Dalton Transactions, 2022, 51, 7622-7629.  | 3.3  | 2         |
| 4  | Donor Acceptor Complexes between the Chalcogen Fluorides $SF_2$ , $SeF_2$ , $SeF_4$ and $TeF_4$ and an N-Heterocyclic Carbene. Chemistry - A European Journal, 2022, 28, .  | 3.3  | 3         |
| 5  | Nickel and Palladium Complexes of a PP(O)P Pincer Ligand Based upon a <i>peri</i> -Substituted Acenaphthyl Scaffold and a Secondary Phosphine Oxide. Inorganic Chemistry, 2022, 61, 8406-8418.  | 4.0  | 3         |
| 6  | Kinetic Stabilization of Heavier Bis( <i>m</i> -terphenyl)pnictogen Phosphoethynolates. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2022, 648, .  | 1.2  | 1         |
| 7  | Synthesis and structure of 2,8-dimethyl-10,10-dichlorophenoxatellurine. Main Group Metal Chemistry, 2021, 44, 9-11.   | 1.6  | 0         |
| 8  | Synthesis and Structure of 5-Diphenylphosphinoacenaphth-6-yl Boronic Acid, Related Dialkyl Esters and Boroxine Rings. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 507-512.   | 1.2  | 2         |
| 9  | Bulky Polyfluorinated Terphenyldiphenylboranes: Water Tolerant Lewis Acids. Chemistry - A European Journal, 2021, 27, 4327-4331.  | 3.3  | 10        |
| 10 | (6-Diphenylphosphinoacenaphth-5-yl)indium and -nickel Compounds: Synthesis, Structure, Transmetalation, and Cross-Coupling Reactions. Organometallics, 2021, 40, 1284-1295.   | 2.3  | 5         |
| 11 | Isolation of an Antiaromatic 9-Hydroxy Fluorenyl Cation. Chemistry - A European Journal, 2021, 27, 8105-8109.   | 3.3  | 4         |
| 12 | Different Reactivities of (5-Ph <sub>2</sub> -P-Ace-6-Me)SiH toward the Rhodium(I) Chlorides $[(C_2H_4)_2RhCl]$ and $[(CO)_2RhCl]$ . Hirshfeld Atom Refinement of a Rh-H $\cdots$ Si Interaction. Organometallics, 2021, 40, 2027-2038. | 2.3  | 6         |
| 13 | Kationische Carben-Analoga: Donorfreie Phosphenium- und Arsenium-Ionen. Angewandte Chemie, 2021, 133, 19282-19287.  | 2.0  | 1         |
| 14 | Cationic Carbene Analogues: Donor-Free Phosphenium and Arsenium Ions. Angewandte Chemie - International Edition, 2021, 60, 19133-19138.   | 13.8 | 16        |
| 15 | An Organotin Route for the Preparation of 2,6-Bis(diphenylphosphino)bromobenzene and the Related Bis(Phosphine Oxide). Precursors for Novel Ligands. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2021, 647, 1890-1895.          | 1.2  | 1         |
| 16 | Perfluorinated Trialkoxysilanol with Dramatically Increased Brønsted Acidity. Chemistry - A European Journal, 2021, 27, 15898-15902.  | 3.3  | 4         |
| 17 | Pnictogen effects on the electronic interactions in the Lewis pair complexes $Ph_3EB(C_6F_5)_3$ (E = P, As, Tl). <i>Chemistry - A European Journal</i> , 2021, 27, 15898-15902.   | 1.8  | 6         |
| 18 | Lewis Superacidic Tellurenyl Cation-Induced Electrophilic Activation of an Inert Carborane. Chemistry - A European Journal, 2021, 27, 14577-14581.  | 3.3  | 4         |

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|----|---|------|-----------|
| 19 | Perfluorinated Dialkoxysilane-diols Resisting Self-Condensation. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 4402.   | 2.0  | 4         |
| 20 | Tris(6-diphenylphosphinoacenaphth-5-yl)gallium: Z-Type Ligand and Transmetalation Reagent. <i>Organometallics</i> , 2021, 40, 3785-3796.  | 2.3  | 3         |
| 21 | Ibuprofen and sila-ibuprofen: polarization effects in the crystal and enzyme environments. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2021, 77, 892-905.  | 1.1  | 1         |
| 22 | <i>Sn</i> -, <i>P</i> -coordinated Ru cation: a robust catalyst for aerobic oxidations of benzylamine and benzyl alcohol. <i>Chemical Communications</i> , 2021, 57, 12992-12995.   | 4.1  | 4         |
| 23 | Thermally stable polyfluorinated monoalkoxysilane-triols and dialkoxysiloxane-tetraols. <i>Dalton Transactions</i> , 2021, 50, 18186-18193.   | 3.3  | 2         |
| 24 | Spectroelectrochemical study of the reduction of 2-methyl-9 <i>H</i> -thioxanthene-9-one and its <i>S</i> -, <i>S</i> -dioxide and electronic absorption spectra of their molecular ions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 26940-26947. | 2.8  | 3         |
| 25 | Tri- and Tetranuclear Metal-String Complexes with Metallophilic $d^{10}$ - $d^{10}$ Interactions. <i>Chemistry - A European Journal</i> , 2020, 26, 275-284.  | 3.3  | 23        |
| 26 | Chemistry of Herz radicals: a new way to near-IR dyes with multiple long-lived and differently-coloured redox states. <i>Chemical Communications</i> , 2020, 56, 727-730.   | 4.1  | 14        |
| 27 | Das Bis(ferrocenyl)phosphenium-Ion im neuen Licht betrachtet. <i>Angewandte Chemie</i> , 2020, 132, 1597-1600.  | 2.0  | 5         |
| 28 | Bis(2,1,3-benzotelluradiazolidyl)2,1,3-benzotelluradiazole: a pair of radical anions coupled by Te-N chalcogen bonding. <i>Chemical Communications</i> , 2020, 56, 1113-1116.   | 4.1  | 18        |
| 29 | A Small Cationic Organo-Copper Cluster as Thermally Robust Highly Photo- and Electroluminescent Material. <i>Journal of the American Chemical Society</i> , 2020, 142, 373-381.   | 13.7 | 77        |
| 30 | The Bis(ferrocenyl)phosphenium Ion Revisited. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1581-1584.   | 13.8 | 10        |
| 31 | Silyl Cations Stabilized by Pincer Type Ligands with Adjustable Donor Atoms. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 4093-4110.  | 2.0  | 7         |
| 32 | Synthesis, Structure and Bonding Analysis of the Zwitterionic PPP-Pincer Complex (6-Ph <sub>2</sub> P-Ace-5-) <sub>2</sub> P(O)AuCl <sub>2</sub> . <i>Crystals</i> , 2020, 10, 564.   | 2.2  | 1         |
| 33 | Intramolekulare Reaktionen transienter Phosphenium- und Arsenium-Ionen führen zur Bildung isolierbarer 9-Phospha- und 9-Arsena-Fluorenium-Ionen. <i>Angewandte Chemie</i> , 2020, 132, 14520-14524.   | 2.0  | 5         |
| 34 | Transmetalation of Bis(6-diphenylphosphinoacenaphth-5-yl)-Mercury and -tributyltin with Precious Metal Chlorides. <i>Zeitschrift Für Anorganische Und Allgemeine Chemie</i> , 2020, 646, 856-865.   | 1.2  | 4         |
| 35 | Bis(6-diphenylphosphinoacenaphth-5-yl)sulfoxide: A New Ligand for Late Transition Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3829-3836.  | 2.0  | 2         |
| 36 | Lewis Amphiphilicity of 1,2,5-Chalcogenadiazoles for Crystal Engineering: Complexes with Crown Ethers. <i>Crystal Growth and Design</i> , 2020, 20, 5868-5879.  | 3.0  | 10        |

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|----|--|------|-----------|
| 37 | Sila-Ibuprofen. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 12614-12622.   | 6.4  | 14        |
| 38 | Intramolecular Reaction of Transient Phosphenium and Arsenium Ions Giving Rise to Isolable 9-Phospha- and 9-Arsena-Fluorenum Ions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14414-14417.   | 13.8 | 10        |
| 39 | Semiconductive microporous hydrogen-bonded organophosphonic acid frameworks. <i>Nature Communications</i> , 2020, 11, 3180.  | 12.8 | 50        |
| 40 | The Aromatic 2-Iminomethylphenyltellurenyl Cation. A Lewis Superacid Despite the Intramolecularly Coordinating N-Donor Ligand. <i>Organometallics</i> , 2020, 39, 1202-1212.                                   | 2.3  | 10        |
| 41 | Titelbild: Das Bis(ferrocenyl)phosphenium-Ion im neuen Licht betrachtet (Angew. Chem. 4/2020). <i>Angewandte Chemie</i> , 2020, 132, 1373-1373.  | 2.0  | 0         |
| 42 | Ambipolar polyimides with pendant groups based on 9-thioxanthene-9-one derivatives: synthesis, thermostability, electrochemical and electrochromic properties. <i>Polymer Chemistry</i> , 2020, 11, 2243-2251. | 3.9  | 8         |
| 43 | Probing Isoreticular Expansions in Phosphonate MOFs and their Applications. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 1542-1554.  | 2.0  | 32        |
| 44 | Proximity enforced oxidative addition of a strong unpolar $\sigma$ -Si bond at rhodium. <i>Dalton Transactions</i> , 2020, 49, 1731-1735.  | 3.3  | 3         |
| 45 | Taking a snapshot of the triplet excited state of an OLED organometallic luminophore using X-rays. <i>Nature Communications</i> , 2020, 11, 2131.  | 12.8 | 24        |
| 46 | fac-Bis(phenoxatellurine) tricarbonyl manganese(I) bromide. <i>Main Group Metal Chemistry</i> , 2020, 43, 181-183.   | 1.6  | 0         |
| 47 | New crystal structures of alkali metal tetrakis(pentafluorophenyl)borates. <i>Main Group Metal Chemistry</i> , 2020, 43, 99-101.   | 1.6  | 0         |
| 48 | Synthesis and structure of 6-diphenylphosphinoacenaphth-5-yl bismuth compounds. <i>Revue Roumaine De Chimie</i> , 2020, 65, 673-676.   | 0.2  | 0         |
| 49 | Study of Donor-Acceptor Bonds on the N-Coordinated Sn/Pb(II) Atoms in peri-Substituted Naphthalenes: Evidence of Pb-B Interaction. <i>European Journal of Inorganic Chemistry</i> , 2020, 2020, 3644-3653.     | 2.0  | 7         |
| 50 | Radical Anions, Radical-Anion Salts, and Anionic Complexes of 2,1,3-Benzochalcogenadiazoles. <i>Chemistry - A European Journal</i> , 2019, 25, 806-816.  | 3.3  | 24        |
| 51 | Transient Phosphenium and Arsenium Ions versus Stable Stibenium and Bismuthenium Ions. <i>Chemistry - A European Journal</i> , 2019, 25, 14758-14761.  | 3.3  | 15        |
| 52 | The reaction of phenoxatellurine with single-electron oxidizers revisited. <i>New Journal of Chemistry</i> , 2019, 43, 12754-12766.  | 2.8  | 13        |
| 53 | Three Fluorinated Trityl Alcohols and their Lithium Salts - Synthesis, Molecular Structures, and Acidity. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3612-3618.                              | 2.0  | 4         |
| 54 | Fast and Accurate Quantum Crystallography: From Small to Large, from Light to Heavy. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6973-6982.   | 4.6  | 48        |

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|----|--|------|-----------|
| 55 | Bis(6-diphenylphosphinoacenaphth-5-yl)telluride as a ligand toward coinage metal chlorides. Dalton Transactions, 2019, 48, 2635-2645.  | 3.3  | 3         |
| 56 | A cobalt arylphosphonate MOF – superior stability, sorption and magnetism. Chemical Communications, 2019, 55, 3053-3056.   | 4.1  | 50        |
| 57 | Alkali Phosphonate Metal–Organic Frameworks. Chemistry - A European Journal, 2019, 25, 11214-11217.  | 3.3  | 20        |
| 58 | From Monomeric Tin(II) Hydride to Nonsymmetric Distannylene. Organometallics, 2019, 38, 2403-2407.   | 2.3  | 10        |
| 59 | Functionalized Fluorophosphonium Ions. Chemistry - A European Journal, 2019, 25, 9861-9865.  | 3.3  | 11        |
| 60 | Transmetallation of bis(6-diphenylphosphinoxy-acenaphth-5-yl)mercury with tin tetrachloride, antimony trichloride and bismuth trichloride. Dalton Transactions, 2019, 48, 5585-5594.               | 3.3  | 11        |
| 61 | Ambiguous Role of N – Sn Coordinated Stannylene: Lewis Base or Acid?. Organometallics, 2019, 38, 816-828.  | 2.3  | 15        |
| 62 | Transition metal complexes of antimony centered ligands based upon acenaphthyl scaffolds. Coordination non-innocent or not?. Dalton Transactions, 2019, 48, 4504-4513.                             | 3.3  | 18        |
| 63 | Proximity Enforced Agostic Interactions Involving Closed-Shell Coinage Metal Ions. Inorganic Chemistry, 2019, 58, 16372-16378.   | 4.0  | 12        |
| 64 | The Effect of Donor Additives on the Stability and Structure of 5–Diphenylphosphinoacenaphth–yllithium. European Journal of Inorganic Chemistry, 2019, 2019, 712-720.                              | 2.0  | 8         |
| 65 | Aurophilicity and Photoluminescence of (6–Diphenylpicogenoacenaphth–yl)gold Compounds. European Journal of Inorganic Chemistry, 2019, 2019, 647-659.   | 2.0  | 12        |
| 66 | New insights into the oxidation of phenoxatellurine with sulfuric acid. Main Group Metal Chemistry, 2019, 42, 150-152.   | 1.6  | 2         |
| 67 | A Variety of Bond Analysis Methods, One Answer? An Investigation of the Element–Oxygen Bond of Hydroxides H<sub>n</sub>XOH. Chemistry - A European Journal, 2018, 24, 6248-6261.                   | 3.3  | 33        |
| 68 | Linear MgCp* <sub>2</sub> vs Bent CaCp* <sub>2</sub> : London Dispersion, Ligand-Induced Charge Localizations, and Pseudo-Pregostic C–H–Ca Interactions. Inorganic Chemistry, 2018, 57, 4906-4920. | 4.0  | 17        |
| 69 | Ein Monoarylbleitrichlorid, das der reduktiven Eliminierung trotzt. Angewandte Chemie, 2018, 130, 6020-6023.   | 2.0  | 6         |
| 70 | Schwere Carbenhomologe: donorfreie Bismutenium– und Stibenium–Ionen. Angewandte Chemie, 2018, 130, 10237-10241.  | 2.0  | 30        |
| 71 | Heavy Carbene Analogues: Donor–Free Bismuthenium and Stibenium Ions. Angewandte Chemie - International Edition, 2018, 57, 10080-10084.   | 13.8 | 55        |
| 72 | 1,8-Bis(diphenylphosphino)biphenylene. A new ligand for late transition metal complexes. Zeitschrift Fur Kristallographie - Crystalline Materials, 2018, 233, 627-639.                             | 0.8  | 7         |

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|----|--|------|-----------|
| 73 | A Monoaryllead Trichloride That Resists Reductive Elimination. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5917-5920.   | 13.8 | 15        |
| 74 | Mimicking cellular phospholipid bilayer packing creates predictable crystalline molecular metal-organophosphonate macrocycles and cages. <i>CrystEngComm</i> , 2018, 20, 2152-2158.  | 2.6  | 6         |
| 75 | Synthesis and halogenation of bis(8-methoxynaphthyl)ditelluride. <i>Inorganica Chimica Acta</i> , 2018, 475, 73-82.  | 2.4  | 4         |
| 76 | Titelbild: Schwere Carbenhomologe: donorfreie Bismutenium- und Stibenium-Ionen ( <i>Angew. Chem.</i> )   | 2.0  | 10        |
| 77 | Al(OCArF <sub>3</sub> ) <sub>3</sub> – a thermally stable Lewis superacid. <i>Chemical Science</i> , 2018, 9, 8178-8183.   | 7.4  | 44        |
| 78 | Intramolecular H <sup>+</sup> ⋯H <sup>+</sup> ⋯Si Dihydrogen Bonding in the 5-Dimethylsilyl-9,9-dimethylxanthen-4-yl-diphenylphosphonium Cation. <i>Organometallics</i> , 2018, 37, 4287-4296.   | 2.3  | 4         |
| 79 | Bis(6-Diphenylphosphinoacenaphth-5-yl)Telluride as a Ligand toward Manganese and Rhenium Carbonyls. <i>Molecules</i> , 2018, 23, 2805.   | 3.8  | 7         |
| 80 | Synthesis and Reactivity of Bis(6-diphenylphosphinoacenaphth-5-yl)ditelluride. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1190-1195.   | 1.2  | 1         |
| 81 | Tuning the Optoelectronic Properties of Stannoles by the Judicious Choice of the Organic Substituents. <i>Inorganic Chemistry</i> , 2018, 57, 12562-12575.   | 4.0  | 20        |
| 82 | Conformational trimorphism of bis(2,6-dimesitylphenyl)ditelluride. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2018, 233, 707-721.   | 0.8  | 1         |
| 83 | Metal-organic solids derived from arylphosphonic acids. <i>Coordination Chemistry Reviews</i> , 2018, 369, 105-122.  | 18.8 | 86        |
| 84 | Reactivity of 2,6-Dihalophenyl Lithium Reagents Towards Chlorosilanes. Synthesis and Structure of 2,3- and 2,6-Dihalophenyl(di-)silanes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1034-1040.   | 1.2  | 0         |
| 85 | Synthesis of Some Di- and Tetraphosphonic Acids by Suzuki Cross-Coupling. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1134-1142.  | 1.2  | 7         |
| 86 | Covalency and Ionicity Do Not Oppose Each Other – Relationship Between Si <sup>+</sup> O Bond Character and Basicity of Siloxanes. <i>Chemistry - A European Journal</i> , 2018, 24, 15275-15286.  | 3.3  | 40        |
| 87 | Frustrated Lewis Pair based on a <i>peri</i> -substituted Biphenylene Scaffold. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 1234-1237.  | 1.2  | 6         |
| 88 | Donor-Acceptor Complexes between 1,2-Chalcogenadiazoles (Te, Se, S) and the Pseudohalides CN <sup>+</sup> and XCN <sup>-</sup> (X=O, S, Se, Te). <i>Chemistry - A European Journal</i> , 2018, 24, 12983-12991.  | 3.3  | 41        |
| 89 | Mapping the Trajectory of Nucleophilic Substitution at Silicon Using a <i>peri</i> -substituted Acenaphthyl Scaffold. <i>Chemistry - A European Journal</i> , 2017, 23, 10568-10579.   | 3.3  | 27        |
| 90 | Selective Oxidation and Functionalization of 6-Diphenylphosphinoacenaphthyl-5-tellurenyl Species 6-Ph <sub>2</sub> -P-Ace-5-TeX (X = Mes, Cl, O <sub>3</sub> SCF <sub>3</sub> ). Various Types of E <sup>+</sup> -Te(II,IV) Bonding Situations (E = O, S, Se). <i>Organometallics</i> , 2017, 36, 1566-1579. | 2.3  | 18        |

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|-----|--|------|-----------|
| 91  | Insights into Frustrated and Regular peri-Substituted (Ace-)Naphthylaminoboranes and (Ace-)Naphthylphosphinoboranes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3302-3311.   | 2.0  | 12        |
| 92  | Synthesis and structure of [Na(15-crown-5)][Ph <sub>2</sub> P(S)OB(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> ] and [Na(15-crown-5) <sub>2</sub> ][Ph <sub>2</sub> P(S)O $\ddot{A}$ $\cdot$ $\ddot{A}$ $\cdot$ HO(S)PPh <sub>2</sub> ]. <i>Main Group Metal Chemistry</i> , 2017, 40, .            | 1.6  | 0         |
| 93  | <i>Group Metal Chemistry</i> , 2017, 40, .   | 1.6  | 0         |
| 94  | Stable Borane Adducts of Alcoholates and Carboxylates. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2017, 643, 636-641.   | 1.2  | 8         |
| 95  | A Zwitterionic Gold(I) Diphenylphosphane Oxide Complex Stabilized by a Hard Pulling Lewis Acid and a Soft Pushing Lewis Base. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 2595-2599.  | 2.0  | 2         |
| 96  | Intramolecularly Coordinated 2 $\alpha$ -Chloromethylphenyltellurium Compounds. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3435-3445.  | 2.0  | 5         |
| 97  | A potential Cu/V-organophosphonate platform for tailored void spaces via terpyridine mold casting. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2017, 73, 296-303.   | 1.1  | 15        |
| 98  | From Tetrahedral Tetraphosphonic Acids E[ $\langle i \rangle p \langle /i \rangle$ -C <sub>6</sub> H <sub>4</sub> -P(O)(OH) <sub>2</sub> ] <sub>4</sub> (E=C, Si) to Porous Cu- and Zn-MOFs with Large Surface Areas. <i>ChemistrySelect</i> , 2017, 2, 3035-3038.                                   | 1.5  | 19        |
| 99  | New Charge-Transfer Complexes with 1,2,5-Thiadiazoles as Both Electron Acceptors and Donors Featuring an Unprecedented Addition Reaction. <i>Chemistry - A European Journal</i> , 2017, 23, 852-864.   | 3.3  | 25        |
| 100 | Real-Space Bonding Indicator Analysis of the Donor-Acceptor Complexes X <sub>3</sub> BNY <sub>3</sub> , X <sub>3</sub> AlNY <sub>3</sub> , X <sub>3</sub> BPY <sub>3</sub> , and X <sub>3</sub> AlPY <sub>3</sub> (X, Y = H, Me, Cl). <i>Journal of Physical Chemistry A</i> , 2017, 121, 7717-7725. | 2.5  | 13        |
| 101 | Short Naphthalene Organophosphonate Linkers to Microporous Frameworks. <i>ChemistrySelect</i> , 2017, 2, 7050-7053.  | 1.5  | 8         |
| 102 | Nature of Bonding in Donor-Acceptor Interactions Exemplified by Complexes of N-Heterocyclic Carbenes with 1,2,5-Telluradiazoles. <i>Chemistry - A European Journal</i> , 2017, 23, 10987-10991.  | 3.3  | 20        |
| 103 | Insights into Frustrated and Regular peri-Substituted (Ace-)Naphthylaminoboranes and (Ace-)Naphthylphosphinoboranes. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3294-3294.   | 2.0  | 1         |
| 104 | Das schwach koordinierende Tris(trichlorsilyl)silyl-Anion. <i>Angewandte Chemie</i> , 2017, 129, 16713-16717.  | 2.0  | 12        |
| 105 | The Weakly Coordinating Tris(trichlorosilyl)silyl Anion. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16490-16494.   | 13.8 | 28        |
| 106 | Synthesis and Solid-State Structure of Cyclobutyltellurium(IV)-Containing Dimeric Tungstoarsenates(III). <i>Journal of Cluster Science</i> , 2017, 28, 825-837.  | 3.3  | 2         |
| 107 | Titelbild: Das schwach koordinierende Tris(trichlorsilyl)silyl-Anion ( <i>Angew. Chem.</i> 52/2017). <i>Angewandte Chemie</i> , 2017, 129, 16637-16637.  | 2.0  | 0         |
| 108 | Crystal and enzyme environmental effects on ibuprofen and sila-ibuprofen. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2017, 73, C420-C420.   | 0.1  | 0         |

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|-----|---|-----|-----------|
| 109 | Increasing the Brønsted acidity of Ph <sub>2</sub> PO <sub>2</sub> H by the Lewis acid B(C <sub>6</sub> F <sub>5</sub> ) <sub>3</sub> . Formation of an eight-membered boraphosphinate ring [Ph <sub>2</sub> POB(C <sub>6</sub> F <sub>5</sub> ) <sub>2</sub> O] <sub>2</sub> . Chemical Communications, 2016, 52, 10992-10995. | 4.1 | 24        |
| 110 | Rational Design of Two-Dimensional Bimetallic Wave Structures from Zigzag Chains via Site-Specific Coordination around the 2,6-Naphthalenediphosphonic Acid Motif. European Journal of Inorganic Chemistry, 2016, 2016, 3506-3512.  | 2.0 | 14        |
| 111 | Role of Dispersion in Metallophilic Hg- <i>M</i> Interactions (M = Cu, Ag, Au) within Coinage Metal Complexes of Bis(6-diphenylphosphinoacenaphth-5-yl)mercury. Inorganic Chemistry, 2016, 55, 11513-11521.   | 4.0 | 24        |
| 112 | From Stiba- and Bismaheteroboroxines to N,C,N-Chelated Diorganoantimony(III) and Bismuth(III) Cations—An Unexpected Case of Aryl Group Migration. Inorganic Chemistry, 2015, 54, 6010-6019.   | 4.0 | 20        |
| 113 | Synthesis and structure of heavy group 15 metallastannoxanes [2,6-(Me <sub>2</sub> NCH <sub>2</sub> ) <sub>2</sub> C <sub>6</sub> H <sub>3</sub> E](2,6-Mes <sub>2</sub> C <sub>6</sub> H <sub>3</sub> Sn)O <sub>3</sub> (OH) <sub>5</sub> (E = Sb, Bi). Journal of Organometallic Chemistry, 2015, 797, 171-173.               | 1.8 | 2         |
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