

# Manfred Scheer

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

505  
papers

12,193  
citations

55  
h-index

77  
g-index

562  
ext. papers

13,400  
ext. citations

6.5  
avg, IF

6.63  
L-index

#	Paper	IF	Citations
505	Synthesis of polyantimony ligand complexes starting from Cp*Sb.. <i>Chemical Communications</i> , <b>2022</b> ,	5.8	1
504	The influence of differently substituted cyclopentadienyl CpR ligands on the reactivity of [CpRFe(CO) <sub>2</sub> ] <sub>2</sub> with yellow arsenic. <i>Mendeleev Communications</i> , <b>2022</b> , 32, 42-45	1.9	0
503	Halogenation of heterobimetallic triple-decker complexes containing an E5 middle deck (E = P, As). <i>Polyhedron</i> , <b>2022</b> , 115854	2.7	
502	Structural diversity of mixed polypnictogen complexes: dicationic EE' (E □ E' = P, As, Sb, Bi) chains, cycles and cages stabilized by transition metals. <i>Chemical Science</i> , <b>2021</b> , 12, 14531-14539	9.4	3
501	Structural Chemistry of Giant Metal Based Supramolecules. <i>Chemical Reviews</i> , <b>2021</b> , 121, 14485-14554	68.1	8
500	The Missing Parent Compound [(C H)Fe(□-P )]: Synthesis, Characterization, Coordination Behavior and Encapsulation. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7542-7548	4.8	5
499	Reactivity of Cu(I) Nacnac Complexes Toward Polypnictogen Compounds. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5840-5850	5.1	2
498	Halogenation of Diphosphorus Complexes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 5163-5171	5.1	2
497	Au-Containing Coordination Polymers Based on Polyphosphorus Ligand Complexes. <i>Inorganic Chemistry</i> , <b>2021</b> , 60, 6027-6039	5.1	3
496	The reactivity of the P4-butterfly ligand [{Cp'''Fe(CO) <sub>2</sub> ] <sub>2</sub> (□,□:1-P4)] towards transition metal complexes: Coordination versus rearrangement. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 518, 120234	2.7	2
495	Die Dreikomponenten-Selbstorganisation ändert ihre Richtung: Ein Sprung von einfachen Polymeren zu 3D-Netzwerken sphärischer Wirt/Gast-Aggregate. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12239-12250	3.6	0
494	Synthesis of Tetrahedranes Containing the Unique Bridging Hetero-Dipnictogen Ligand EE' (E □ E' = P, As, Sb, Bi). <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 8804-8810	4.8	6
493	Redox Chemistry of Heterobimetallic Polypnictogen Triple-Decker Complexes - Rearrangement, Fragmentation and Transfer. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9129-9140	4.8	6
492	Three-Component Self-Assembly Changes its Course: A Leap from Simple Polymers to 3D Networks of Spherical Host-Guest Assemblies. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12132-12142	16.4	6
491	d/f-Polypnictides Derived by Non-Classical Ln Compounds: Synthesis, Small Molecule Activation and Optical Properties. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 7862-7871	4.8	4
490	Synthese und mehrfache Folgereaktivität von anionischen cyclo-E3-Ligandkomplexen (E=P, As). <i>Angewandte Chemie</i> , <b>2021</b> , 133, 15228-15236	3.6	
489	Versatile Coordination of Ag and Cu Ions towards cyclo-As Ligands. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9742-9747	4.8	1

488	E Transfer (E=P, As) to Ni Complexes. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 11649-11655	4.8	1
487	Synthesis and Multiple Subsequent Reactivity of Anionic cyclo-E Ligand Complexes (E=P, As). <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 15101-15108	16.4	3
486	A new family of silver(I) complexes stabilised by the phosphanylborane (C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> PBH <sub>2</sub> [N(CH <sub>3</sub> ) <sub>3</sub> ]. <i>New Journal of Chemistry</i> , <b>2021</b> ,	3.6	0
485	Synthesis of Unprecedented 4d/4f-Polypnictogens. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3974-3978	4.8	3
484	The "Hidden" Reductive [2+2+1]-Cycloaddition Chemistry of 2-Phosphaethynolate Revealed by Reduction of a Th-OCP Linkage. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 1197-1202	16.4	5
483	Phosphino-Stibine Ligands for the Synthesis of Heterometallic Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 266-278	1.3	1
482	NHC-stabilisierte Stammverbindungen der Arsanylalane und -gallane. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 3850-3855	3.6	2
481	NHC-stabilized Parent Arsanylalanes and -gallanes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 3806-3811	16.4	4
480	The Hidden Reductive [2+2+1]-Cycloaddition Chemistry of 2-Phosphaethynolate Revealed by Reduction of a Th-OCP Linkage. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 1217-1222	3.6	2
479	Coordination Behavior of a P-Butterfly Complex towards Transition Metal Lewis Acids: Preservation versus Rearrangement. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 3675-3681	4.8	6
478	Utilizing the weak P-Cr bond in [{Cp*Cr(CO) <sub>3</sub> ] <sub>2</sub> (μ <sub>2</sub> :1P4)] for the generation of different P <sub>4</sub> butterfly compounds. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 850-856	1.3	
477	The carbene transfer to strong Lewis acids: copper is better than silver. <i>Dalton Transactions</i> , <b>2021</b> , 50, 2872-2879	4.3	4
476	Reactivity of the pentelidene complexes [Cp*E{W(CO)}] (E = P, As) towards dichalcogenides and chalcogenols - synthesis of novel chalcogenopentelidene complexes. <i>Dalton Transactions</i> , <b>2021</b> , 50, 12648-12654	4.3	12654
475	Discrete and polymeric organometallic-organic assemblies based on the diarsene complex [(Cp) <sub>2</sub> Mo <sub>2</sub> (CO) <sub>4</sub> (μ <sub>2</sub> -As <sub>2</sub> )], AgPF <sub>6</sub> and N-donor organic molecules. <i>New Journal of Chemistry</i> , <b>2021</b> , 45, 1800-1804	3.6	2
474	Transfer of polyantimony units. <i>Chemical Science</i> , <b>2021</b> , 12, 9726-9732	9.4	2
473	From a P butterfly scaffold to - and -P units. <i>Chemical Communications</i> , <b>2021</b> , 57, 2257-2260	5.8	2
472	Mixed Organometallic-Organic Hybrid Assemblies Based on the Diarsene Complex [Cp Mo (CO) (μ <sub>2</sub> -As)], Ag Salts and N-Donor Organic Molecules. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 5028-5034	4.8	2
471	Examination of Indium Triphospholyls as Precursors for Nanoparticle Synthesis. <i>European Journal of Inorganic Chemistry</i> , <b>2021</b> , 2021, 1098-1102	2.3	

470	A Structural Diversity of Molecular Alkaline-Earth-Metal Polyphosphides: From Supramolecular Wheel to Zintl Ion. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 14128-14137	4.8	2
469	Pentaphosphaferrocene-mediated synthesis of asymmetric organo-phosphines starting from white phosphorus. <i>Nature Communications</i> , <b>2021</b> , 12, 5774	17.4	2
468	Organometallic polyphosphorus complexes as diversified building blocks in coordination chemistry. <i>Coordination Chemistry Reviews</i> , <b>2021</b> , 446, 213995	23.2	8
467	Substituted aromatic pentaphosphole ligands - a journey across the p-block. <i>Chemical Science</i> , <b>2021</b> , 12, 13037-13044	9.4	3
466	Reactivity of P butterfly complexes towards NHCs - generation of a metal-bridged P dumbbell complex. <i>Chemical Communications</i> , <b>2021</b> , 57, 3383-3386	5.8	1
465	Iodination of cyclo-E -Complexes (E=P, As). <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16241-16246	16.46	11
464	The Potential of the Diarsene Complex $[(C H) Mo (CO) (III-As)]$ as a Connector Between Silver Ions. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14315-14319	4.8	5
463	Element-Element-Bindungsbindung durch Oxidation und Reduktion. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 7229-7227	9.4	2
462	Nur durch eine Lewis-Base stabilisierte Phosphanylalane und -gallane. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 5586-5590	3.6	6
461	Normal to abnormal $IBuAlH$ isomerization in solution and in the solid state. <i>Dalton Transactions</i> , <b>2020</b> , 49, 4665-4668	4.3	4
460	Ein Supermolekül mit minimaler Metallbesetzung basierend auf einem fünf-fach-symmetrischen Baustein. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 13750-13753	3.6	1
459	The Coordination Chemistry of the Phosphanylborane $(C_6H_5)_2PBH_2[N(CH_3)_3]$ towards Copper(I) Salts. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 2501-2505	2.3	0
458	Metal-Deficient Supramolecule Based on a Fivefold-Symmetric Building Block. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 13647-13650	16.4	9
457	Synthesis of a Heterobimetallic Arsenic Triple-Decker Complex and Its Fragmentation Chemistry. <i>Organometallics</i> , <b>2020</b> , 39, 4247-4252	3.8	6
456	Transformations of the -P ligand in $[Cp^{III}Co(HP)]$ . <i>Chemical Science</i> , <b>2020</b> , 11, 6745-6751	9.4	9
455	Isomerism and dynamic behavior of bridging phosphalkynes bound to a dicopper complex. <i>Chemical Science</i> , <b>2020</b> , 11, 1607-1616	9.4	8
454	A General Pathway to Heterobimetallic Triple-Decker Complexes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1518-1524	4.8	17
453	Highly Selective Substitution and Insertion Reactions of Silylenes in a Metal-Coordinated Polyphosphide. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 1190-1195	16.4	20

452	Phosphanylalanes and Phosphanylgallanes Stabilized only by a Lewis Base. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 5541-5545	16.4	10
451	Iron diiminate complexes with As-, As- and As-ligands. <i>Chemical Communications</i> , <b>2020</b> , 56, 13209-13212	5.8	3
450	The reaction behavior of [CpMo(CO)(P)] and [CpTa(CO)(P)] towards hydroxide and tert-butyl nucleophiles. <i>Chemical Communications</i> , <b>2020</b> , 56, 13836-13839	5.8	5
449	Die Iodierung von cyclo-E5-Komplexen (E=P, As). <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16377-16383	3.6	2
448	The Butterfly Complex [Cp*Cr(CO)](P)] as a Versatile Ligand and Its Unexpected P/P Fragmentation. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 11722-11726	4.8	6
447	Cationic Functionalisation by Phosphenium Ion Insertion. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 17165-17170	4.8	7
446	Synthesis and Characterization of a Novel Triangular RhAu Cluster Compound Inspired by the Isolobality Concept. <i>ChemistryOpen</i> , <b>2020</b> , 9, 991-995	2.3	1
445	NHCs as Neutral Donors towards Polyphosphorus Complexes. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 16251-16255	4.8	9
444	Use of a -P building block - a way to networks of host-guest assemblies. <i>Chemical Science</i> , <b>2020</b> , 11, 9067-9071	9.4	7
443	Linking of Cu Units by Tetrahedral Mo E Complexes (E=P, As). <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 14570-14574	4.8	6
442	A bis(germylene) functionalized metal-coordinated polyphosphide and its isomerization. <i>Chemical Communications</i> , <b>2020</b> , 56, 10207-10210	5.8	9
441	Stabilization of Pentaphospholes as $\pi$ -Coordinating Ligands. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 23879-23884	16.4	5
440	Stabilisierung von Pentaphospholen als $\pi$ -koordinierende Liganden. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 24088-24094	3.6	0
439	Element-Element Bond Formation upon Oxidation and Reduction. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 7154-7160	16.4	13
438	From nano-balls to nano-bowls. <i>Chemical Science</i> , <b>2019</b> , 10, 2940-2944	9.4	17
437	Trapping of a Highly Bent and Reduced Form of 2-Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 10215-10219	16.4	16
436	Syntheses and Structures of Transition Metal Complexes with Phosphanylphosphinidene Chalcogenide Ligands. <i>Inorganic Chemistry</i> , <b>2019</b> , 58, 7905-7914	5.1	5
435	An Entry to Double Phosphanyl-Bridged Dinuclear Rhodium(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , <b>2019</b> , 2019, 2648-2653	2.3	2

- 434 The Chemistry of Yellow Arsenic. *Chemical Reviews*, **2019**, 119, 8406-8434 68.1 41
- 433 Metal-Assisted Opening of Intact P Tetrahedra. *Chemistry - A European Journal*, **2019**, 25, 6300-6305 4.8 12
- 432 Ring Expansions of Nonpolar Polyphosphorus Rings. *Chemistry - A European Journal*, **2019**, 25, 6311-6316 4.8 13
- 431 The Triple-Decker Complex  $[\text{Cp}^*\text{Fe}(\eta^5\text{-C}_5\text{H}_5)_2(\eta^5\text{-P})\text{Mo}(\text{CO})]$  as a Building Block in Coordination Chemistry. *Molecules*, **2019**, 24, 4.8 2
- 430 The Parent Diarsene  $\text{HAs}=\text{AsH}$  as Side-on Bound Ligand in an Iron Carbonyl Complex. *Angewandte Chemie - International Edition*, **2019**, 58, 16092-16096 16.4 7
- 429 Trapping of a Highly Bent and Reduced Form of 2-Phosphaethynolate in a Mixed-Valence Diuranium-Triamidoamine Complex. *Angewandte Chemie*, **2019**, 131, 10321-10325 3.6 7
- 428 The Potential of Molybdenum Complexes Bearing Unsubstituted Heterodiatom Group 15 Elements as Linkers in Supramolecular Chemistry. *Angewandte Chemie - International Edition*, **2019**, 58, 12903-12907 16.4 7
- 427 The Potential of the Diphosphorus Complex  $[\text{CpW}(\text{CO})(\eta^2\text{P})]$  as an Organometallic Connector in Supramolecular Chemistry. *European Journal of Inorganic Chemistry*, **2019**, 2019, 4241-4248 2.3 8
- 426 Das Potential von Molybdänkomplexen mit unsubstituierten heterodiatomaren Gruppe-15-Elementen als Linker in der supramolekularen Chemie. *Angewandte Chemie*, **2019**, 131, 13035-13039 3.6 8
- 425 Ring Contraction by NHC-Induced Pnictogen Abstraction. *Angewandte Chemie - International Edition*, **2019**, 58, 16563-16568 16.4 18
- 424 Ringkontraktion durch NHC-induzierte Pnictogen-Abstraktion. *Angewandte Chemie*, **2019**, 131, 16716-16721 7.1 8
- 423 Monomeric  $\eta^2$ -Diketiminato Group 13 Metal Dipnictogenide Complexes with Two Terminal EH Groups (E=P, As). *Chemistry - A European Journal*, **2019**, 25, 13714-13718 4.8 10
- 422 Photolytic and Reductive Activations of 2-Arsaethynolate in a Uranium-Triamidoamine Complex: Decarbonylative Arsenic-Group Transfer Reactions and Trapping of a Highly Bent and Reduced Form. *Chemistry - A European Journal*, **2019**, 25, 14246-14252 4.8 8
- 421 Thermal Decomposition of Donor-Stabilized Phosphinoborane  $\text{PH}_2\text{BH}_2\text{NMe}_3$ : A Tensimetry Study. *European Journal of Inorganic Chemistry*, **2019**, 2019, 3885-3891 2.3 0
- 420 Thermal Decomposition of Donor-Stabilized Phosphinoborane  $\text{PH}_2\text{BH}_2\text{NMe}_3$ : A Tensimetry Study. *European Journal of Inorganic Chemistry*, **2019**, 2019, 3884-3884 2.3 0
- 419 The Parent Diarsene  $\text{HAs}=\text{AsH}$  as Side-on Bound Ligand in an Iron Carbonyl Complex. *Angewandte Chemie*, **2019**, 131, 16238-16242 3.6 1
- 418 Tetraglymes as Prochiral Host Reagents for Ammonia Borane. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2019**, 645, 317-322 1.3 0
- 417 Bidentate Phosphanlyl- and Arsanylboranes. *Chemistry - A European Journal*, **2019**, 25, 485-489 4.8 3

416	The Diphosphorus Complex [Cp <sub>2</sub> Cr <sub>2</sub> (CO) <sub>4</sub> (μ <sub>2</sub> -P <sub>2</sub> )] as a Building Block in the Coordination Chemistry of Silver. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 1683-1687	2.3	8
415	Open Chain Polyarsenides of the Lanthanides. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 7890-7895	4.8	15
414	The Influence of Diiminato Ligands on As Activation by Cobalt Complexes. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 8760-8764	16.4	11
413	Organometallic-Organic Hybrid Polymers Assembled from Pentaphosphaferrocene, Bipyridyl Linkers, and Cu Ions. <i>European Journal of Inorganic Chemistry</i> , <b>2018</b> , 2018, 2689-2694	2.3	7
412	Facile storage and release of white phosphorus and yellow arsenic. <i>Nature Communications</i> , <b>2018</b> , 9, 361	17.4	34
411	Unexpected differences in the reactivity between the phosphorus and arsenic derivatives [(CpFe)(μ <sub>2</sub> E)] (E = P and As). <i>Chemical Communications</i> , <b>2018</b> , 54, 2244-2247	5.8	14
410	Reactivity of [(N <sub>3</sub> N)WP] towards Gold(I) salts [Synthesis of [(N <sub>3</sub> N)WPAuCl] and [(N <sub>3</sub> N)WP <sub>2</sub> Au][pftb] (pftb = Al(OC(CF <sub>3</sub> ) <sub>3</sub> ) <sub>4</sub> ). <i>Inorganica Chimica Acta</i> , <b>2018</b> , 475, 47-52	2.7	3
409	Actinide-Pnictide (An-Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Pn=P, As, Sb, Bi). <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1346-1350	3.6	11
408	Dicationic E Chains (E=P, As, Sb, Bi) Embedded in the Coordination Sphere of Transition Metals. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 3256-3261	16.4	15
407	Dikationische E <sub>4</sub> -Ketten (E=P, As, Sb, Bi) eingebettet in der Koordinationssphäre von Übergangsmetallen. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 3311-3317	3.6	8
406	The Lewis-Base-Stabilized Diphenyl-Substituted Arsanylborane: A Versatile Building Block for Arsanylborane Oligomers. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 16521-16525	4.8	7
405	Why Do B-P and Al-P Polymers Differ? Structures, Stability, and Electronic Properties of Chain and Ring [H <sub>n</sub> PEH <sub>n</sub> ] Oligomers (E=B, Al; n=1-15). <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 17046-17054	4.8	3
404	Actinide-Pnictide (An-Pn) Bonds Spanning Non-Metal, Metalloid, and Metal Combinations (An=U, Th; Pn=P, As, Sb, Bi). <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1332-1336	16.4	39
403	Neutral two-dimensional organometallic-organic hybrid polymers based on pentaphosphaferrocene, bipyridyl linkers and CuCl. <i>Dalton Transactions</i> , <b>2018</b> , 47, 1014-1017	4.3	14
402	Anionic Hosts for the Incorporation of Cationic Guests. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 2503-2508	4.8	18
401	Can Coordination-Driven Supramolecular Self-Assembly Reactions Be Conducted from Fully Aliphatic Linkers?. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 795-799	16.4	22
400	Can Coordination-Driven Supramolecular Self-Assembly Reactions Be Conducted from Fully Aliphatic Linkers?. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 803-807	3.6	5
399	Depolymerization of Poly(phosphinoboranes): From Polymers to Lewis Base Stabilized Monomers. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 360-363	4.8	14

- 398 Highly soluble Cu(I)-acetonitrile salts as building blocks for novel phosphorus-rich organometallic-inorganic compounds. *Dalton Transactions*, **2018**, 47, 16031-16035 4.3 9
- 397 Tuning the dimensionality of organometallic-organic hybrid polymers assembled from [Cp<sub>2</sub>Mo<sub>2</sub>(CO)<sub>4</sub>( $\mu$ -P<sub>2</sub>)], bipyridyl linkers and Ag<sup>+</sup> ions. *CrystEngComm*, **2018**, 20, 7417-7422 3.3 13
- 396 Der Einfluss von  $\mu$ -Diiminato-Liganden auf die As<sub>4</sub>-Aktivierung durch Cobalt-Komplexe. *Angewandte Chemie*, **2018**, 130, 8896-8900 3.6 4
- 395 Gold(I) Complexes Containing Phosphanyl- and Arsanilborane Ligands. *Chemistry - A European Journal*, **2018**, 24, 10073 4.8 9
- 394 The Cobalt cyclo-P Sandwich Complex and Its Role in the Formation of Polyphosphorus Compounds. *Angewandte Chemie - International Edition*, **2017**, 56, 1671-1675 16.4 45
- 393 Oxidation of Substituted Phosphanylboranes with Chalcogens. *Chemistry - A European Journal*, **2017**, 23, 4397-4404 4.8 9
- 392 Triamidoamine thorium-arsenic complexes with parent arsenide, arsinidide and arsenido structural motifs. *Nature Communications*, **2017**, 8, 14769 17.4 39
- 391 Arsenic-Rich Polyarsenides Stabilized by Cp\*Fe Fragments. *Angewandte Chemie - International Edition*, **2017**, 56, 7307-7311 16.4 24
- 390 Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). *Angewandte Chemie - International Edition*, **2017**, 56, 7669-7673 16.4 24
- 389 Unterschiedliche Reaktivität von As<sub>4</sub> gegenüber Disilenen und Silylenen. *Angewandte Chemie*, **2017**, 129, 6755-6759 3.6 2
- 388 Terminal Parent Phosphanide and Phosphinidene Complexes of Zirconium(IV). *Angewandte Chemie*, **2017**, 129, 7777-7781 3.6 5
- 387 Coordination Behavior of [Cp\*Zr( $\mu$ -P)] towards Different Lewis Acids. *Chemistry - A European Journal*, **2017**, 23, 10319-10327 4.8 10
- 386 Different Reactivity of As towards Disilenes and Silylenes. *Angewandte Chemie - International Edition*, **2017**, 56, 6655-6659 16.4 11
- 385 N-Heterocyclic carbene-stabilised arsinidene (AsH). *Chemical Communications*, **2017**, 53, 6069-6072 5.8 43
- 384 Strategies for the Construction of Supramolecular Dimers versus Homoleptic 1D Coordination Polymers Starting from the Diphosphorus [CpMo(CO)( $\mu$ -P)] Complex and Silver(I) Salts. *European Journal of Inorganic Chemistry*, **2017**, 2017, 3222-3226 2.3 19
- 383 Rearrangement of a P Butterfly Complex-The Formation of a Homoleptic Phosphorus-Iron Sandwich Complex. *Angewandte Chemie - International Edition*, **2017**, 56, 7312-7317 16.4 16
- 382 Isomerization, Ring Expansion, and Ring Contraction of 1,3-Diphosphete Complexes. *Angewandte Chemie - International Edition*, **2017**, 56, 9592-9596 16.4 10
- 381 Durch Cp\*Fe-Fragmente stabilisierte, Arsen-reiche Polyarsenide. *Angewandte Chemie*, **2017**, 129, 7413-7417 3.6 13



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260	Activation of White Phosphorus (P4) by Main Group Elements and Compounds <b>2013</b> , 1105-1132		5
259	Transformation of a Phosphorus-Bound Cp* Moiety in the Coordination Sphere of Manganese Carbonyl Complexes. <i>Organometallics</i> , <b>2013</b> , 32, 770-779	3.8	7
258	The Lewis Base Stabilized Parent Arsanylborane H2AsBH2?NMe3. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11887-91	4.8	41
257	Stabilization of tetrahedral P5 and As5 molecules as guests in polymeric and spherical environments. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10896-9	16.4	84
256	Stoichiometry-controlled FeP nanoparticles synthesized from a single source precursor. <i>Chemical Communications</i> , <b>2013</b> , 49, 11788-90	5.8	15
255	Structural and thermodynamic properties of molecular complexes of aluminum and gallium trihalides with bifunctional donor pyrazine: decisive role of Lewis acidity in 1D polymer formation. <i>Dalton Transactions</i> , <b>2013</b> , 42, 11589-99	4.3	16

254	Intakte As <sub>4</sub> -Tetraeder side-on an Metallkationen koordiniert. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 891-894	3.6	36
253	Intact As <sub>4</sub> tetrahedra coordinated side-on to metal cations. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 858-61	16.4	50
252	Selective dimerization of Lewis-acid/base-stabilized phosphanylalanes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 957-63	4.8	15
251	Transmetalation of chromocene by lithium-amide, -phosphide, and -arsenide nucleophiles. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 3878-83	5.1	12
250	P-P bond formation via reductive dimerization of [Cp*Fe(η <sup>5</sup> -P <sub>5</sub> )] by divalent samarocenes. <i>Chemical Communications</i> , <b>2013</b> , 49, 2183-5	5.8	55
249	Ferrocene and pentaphosphaferrocene: a comparative study regarding redox chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 2972-6	16.4	58
248	Synthesis and molecular structure of mixed-metal stannylene derivatives of cyclopentadienyl(nitrosyl)(carbonyl) manganese. <i>Journal of Organometallic Chemistry</i> , <b>2013</b> , 724, 75-81	2.3	4
247	Versatile Reactivity of Bridged Pentelidene Complexes toward Secondary and Tertiary Phosphines. <i>Organometallics</i> , <b>2013</b> , 32, 3521-3528	3.8	16
246	Intramolecular phosphorus-phosphorus bond formation within a Co <sub>2</sub> P <sub>4</sub> core. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 14231-6	5.1	28
245	Structures and stability of molecular InBr <sub>3</sub> Py(x) (x = 1-3) complexes: unexpected solid state stabilization of dimeric In <sub>2</sub> Br <sub>6</sub> Py <sub>4</sub> as compared to valence-isoelectronic group 15 and 17 halogen bridging dimers. <i>Inorganic Chemistry</i> , <b>2013</b> , 52, 13207-15	5.1	11
244	Intact P <sub>4</sub> -tetrahedra as terminal and bridging ligands in neutral complexes of manganese. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 10887-91	16.4	32
243	Ferrocen und Pentaphosphaferrocen eine vergleichende Studie zur Redoxchemie. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 3045-3049	3.6	29
242	Stabilisierung von tetraedrischen P <sub>4</sub> - und As <sub>4</sub> -Molekülen als Gäste in polymerer und sphärischer Umgebung. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 11097-11100	3.6	42
241	Die Oligomerisierung von Phosphanylboran durch Titankomplexe. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 5254-5259	3.6	23
240	The oligomerization of phosphinoborane by titanium complexes. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 5150-4	16.4	35
239	Intakte P <sub>4</sub> -Tetraeder als terminale und verbindende Liganden in neutralen Mangankomplexen. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 11087-11091	3.6	17
238	Ein end-on-koordiniertes As <sub>4</sub> -Tetraeder. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 7751-7755	3.6	23
237	Coordination polymers based on [Cp*Fe(η <sup>5</sup> -P <sub>5</sub> )]: solid-state structure and MAS NMR studies. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 1168-79	4.8	60



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235	Chalcogen arsenide clusters of iron with a functional carboxyl group: Synthesis, structures, and thermolysis. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2012</b> , 38, 662-670	1.6	6
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233	Discrete and extended supersandwich structures based on weak interactions between phosphorus and mercury. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 9918-21	16.4	36
232	Spin crossover in phosphorus- and arsenic-bridged cyclopentadienyl-manganese(II) dimers. <i>Chemical Communications</i> , <b>2012</b> , 48, 8087-9	5.8	25
231	Do solid-state structures reflect Lewis acidity trends of heavier group 13 trihalides? Experimental and theoretical case study. <i>Inorganic Chemistry</i> , <b>2012</b> , 51, 11602-11	5.1	44
230	Cage Compounds of Phosphorus and the Heavier Group 14 Elements. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2012</b> , 638, 1739-1745	1.3	6
229	Stepwise activation of "non-innocent" Cp* substituents--a Cp* based cascade reaction. <i>Chemical Communications</i> , <b>2012</b> , 48, 7262-4	5.8	12
228	Fragmentation reactions of realgar caused by early transition metal hydrides. <i>Inorganica Chimica Acta</i> , <b>2012</b> , 386, 50-55	2.7	4
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226	Fast H/D exchange of B,B',B''-tribromoborazine in C <sub>6</sub> D <sub>6</sub> in the presence of aluminum tribromide: first evidence for an electrophilic substitution reaction of borazines in solution. <i>Inorganic Chemistry</i> , <b>2011</b> , 50, 9039-44	5.1	8
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221	Die Bildung von cyclo-E <sub>4</sub> Einheiten (E <sub>4</sub> =P <sub>4</sub> , As <sub>4</sub> , As <sub>3</sub> P) durch einen Komplex mit Chrom-Chrom-Füßfachbindung. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 7421-7424	3.6	53
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219	Diphosphorkomplexe als Bausteine zum Design von phosphorhaltigen metallorganisch-organischen Hybridmaterialien. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 11718-11722	3.6	20

218	Der Zugang zu Phosphor-reichen Zirconiumkomplexen. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 9144-9148	3.6	4
217	A Stable Cation of a CSi3P Five-Membered Ring with a Weakly Coordinating Chloride Anion. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12718-12721	3.6	9
216	An organometallic nanosized capsule consisting of cyclo-P5 units and copper(I) ions. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 1435-8	16.4	74
215	Formation of cyclo-E4(2-) units (E4 = P4, As4, AsP3) by a complex with a Cr-Cr quintuple bond. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 7283-6	16.4	99
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212	Access to phosphorus-rich zirconium complexes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 8982-5	16.4	16
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204	P4 activation by main group elements and compounds. <i>Chemical Reviews</i> , <b>2010</b> , 110, 4236-56	68.1	365
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199	Structures and properties of spherical 90-vertex fullerene-like nanoballs. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 2092-107	4.8	83
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193	Chelating ionic versus bridged molecular structures of group 13 metal complexes with bidentate ligands. <i>Polyhedron</i> , <b>2010</b> , 29, 414-424	2.7	14
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145	Ein ungewöhnlicher Baustein für supramolekulare Aggregate aus Elementen der Gruppe 15 und 16: der gemischte Ligandkomplex [(Cp*Mo) <sub>2</sub> (P-B-P <sub>3</sub> )(P <sub>2</sub> -PS)]. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 6070-6074	3.6	9
144	Ungewöhnliches Koordinationsverhalten von Pn-Ligandkomplexen gegenüber Tl+. <i>Angewandte Chemie</i> , <b>2007</b> , 119, 9483-9487	3.6	36
143	Main Group Lewis Acid/Base-Stabilised Phosphanylboranes. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2136-2143	2.3	18
142	Conformational Analysis of One-Dimensional Coordination Polymers Based on [Cp <sub>2</sub> Cr <sub>2</sub> (CO) <sub>4</sub> (P <sub>2</sub> -P <sub>2</sub> )] by Solid-State Multinuclear NMR Spectroscopy and Density Functional Calculations. <i>European Journal of Inorganic Chemistry</i> , <b>2007</b> , 2007, 2775-2782	2.3	35
141	Synthesis, Structure and Isomerism of the [Fe <sub>3</sub> Pt(μ-Q)(CO) <sub>9</sub> (dppm)] Clusters (Q = Se, Te; dppm = Ph <sub>2</sub> PCH <sub>2</sub> PPh <sub>2</sub> ). <i>Journal of Cluster Science</i> , <b>2007</b> , 18, 606-617	3	14
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139	The formation of Lewis acid/base stabilised phosphanyltriellanes [A theoretical and experimental study. <i>Journal of Organometallic Chemistry</i> , <b>2006</b> , 691, 4556-4564	2.3	29
138	Lewis base stabilized phosphanylborane. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 4900-8	4.8	74
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136	Spherical cluster comprising a four- and six-membered-ring motif. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 2473-5	16.4	55
135	The potential of a cyclo-As <sub>3</sub> -ligand complex in supramolecular chemistry. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4189-92	16.4	33
134	Reversible formation of polymeric chains by coordination of pentaphosphaferrocene with silver(I) cations. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 5689-93	16.4	99
133	2D and 3D Cadmium(II) Coordination Polymers from a Flexible Tripodal Ligand of 1,3,5-Tris(carboxymethoxy)benzene and Bidentate Pyridyl-Containing Ligands with Three-, Eight- and Ten-Connected Topologies. <i>European Journal of Inorganic Chemistry</i> , <b>2006</b> , 2006, 3041-3053	2.3	97
132	Ein sphärischer Cluster aus Vier- und Sechsringeinheiten. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 2533-2536	3.6	36
131	Zum Potenzial eines Komplexes mit cyclo-As <sub>3</sub> -Ligand in der supramolekularen Chemie. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 4295-4298	3.6	22
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20	Der cyclo-P4-Ligand als 12-Elektronen-Donor. <i>Angewandte Chemie</i> , <b>1991</b> , 103, 1023-1025	3.6	35
19	Mono- und Di-t-butylcyclopentadienyl-Carbonyl-Komplexe des Eisens und Molybdäns. Die Kristallstruktur von $[\text{Cp}^*\text{Mo}(\text{CO})_2]_2$ ( $\text{Cp}^* = \eta^5\text{-C}_5\text{H}_3\text{t-Bu}_2\text{-1,3}$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1991</b> , 600, 109-119	1.3	13
18	$\text{M}_1\text{P}(\text{SiMe}_3)_2$ ( $\text{M}_1 = \text{Li, Na, K}$ ) - Ein Baustein zur Synthese von iso-Tetraphosphanen des Typs $\text{P}(\text{PR}_2)_3$ ( $\text{R} = \text{Ph, cyclo-C}_6\text{H}_{11}(\text{Cy})$ ). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1991</b> , 600, 203-210	1.3	21
17	Bis(trimethylsilyl)phosphide der Alkalimetalle. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1991</b> , 606, 105-108	1.3	25
16	Darstellung und Reaktivität von Tris(dialkylthiophosphinyl)-phosphanen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1990</b> , 585, 177-188	1.3	14
15	Das Reaktionsverhalten von Phosphorpentahalogeniden mit Übergangsmetallcarbonylen. III. Die Reaktion von $\text{PBr}_5$ mit den Hexacarbonylen des Molybdäns und Wolframs. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1990</b> , 589, 214-220	1.3	2
14	Reaktionsverhalten von Phosphorpentahalogeniden mit Übergangsmetallcarbonyl-Verbindungen. IV [1.]. Das Reaktionsverhalten von Phosphorpentahalogeniden gegenüber $[\text{CpM}(\text{CO})_3]_2$ ( $\text{M} = \text{Cr, Mo, W}$ ) Die Kristallstruktur von $\text{CpCrCl}_2\text{CH}_3\text{CN}$ . <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1990</b> , 591, 221-229	1.3	6
13	Synthesis of triangular $[\text{RhM}_2\text{cp}_3(\text{CO})_n]$ clusters ( $\text{M} = \text{Ni, n} = 2$ ; $\text{M} = \text{Fe, n} = 4$ ; $\text{M} = \text{Mo, W, n} = 6$ ). $[\text{RhMo}_2\text{cp}_3(\text{CO})_6]$ as catalyst precursor in the CO hydrogenation reaction. <i>Inorganica Chimica Acta</i> , <b>1989</b> , 156, 285-289	2.7	15
12	Zur Reaktivität von $\text{PCl}_5$ mit Übergangsmetallcarbonylen und -phosphiden. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1988</b> , 567, 111-121	1.3	7
11	Zur synthese und struktur von pentacarbonylmetall(0)-Komplexen intramolekular basenstabilisierter zinn(III)-verbindungen. <i>Journal of Organometallic Chemistry</i> , <b>1986</b> , 308, 325-334	2.3	21
10	Crystal and molecular structure of 5-t-butyl-5-aza-2,8-dithia-1-stanna(II)bicyclo[3.3.0]octane. Identification of two different geometries along the dissociation-inversion pathway. <i>Journal of Organometallic Chemistry</i> , <b>1985</b> , 281, 173-180	2.3	16
9	Zur Reaktivität von intramolekular basenstabilisierten Zinn(II)- Verbindungen mit Mercaptanen, Disulfiden und Peroxiden. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1984</b> , 508, 73-78	1.3	13
8	Zur Reaktivität von intramolekular basenstabilisierten Zinn(II)-Verbindungen mit Halogenen, Zinntetrachlorid und Chloroform. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1984</b> , 512, 177-180	1.3	16
7	5-Thia-2,8(N-alkyl)diaza-1-stanna(II)-bicyclo[3.3.0]octane [Intramolekular basenstabilisierte Diazastannylene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1984</b> , 515, 147-150	1.3	7
6	The structure of 5-aza-2,8-dioxa-1-stanna(II)bicyclo[3.3.0]octane. <i>Journal of Crystallographic and Spectroscopic Research</i> , <b>1983</b> , 13, 201-210		22
5	5-Aza(Oxa, Thia)-2,8-dithia-1-stanna(II)-bicyclo[3.3.0]octane Intramolekular basenstabilisierte Stannylene. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1983</b> , 502, 158-164	1.3	18
4	6-(N-Methyl)aza-2,10-dithia-1-stanna(II)-bicyclo[4.4.0]decane [Ein Zehnring mit transannularer Zinn-Stickstoff-Wechselwirkung. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>1983</b> , 507, 196-198	1.3	6
3	Synthesis, spectroscopic investigation and molecular structure of pentacarbonyl-5-t-butyl-5-aza-2,8-dithia-1-stannobicyclo[3.3.0]octanechromium(0). <i>Journal of Organometallic Chemistry</i> , <b>1983</b> , 259, 165-170	2.3	24

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1 Reactivity of Cu(I) nacnac complexes towards  $[\text{Cp}^*\text{Ru}(\text{E}-\text{E}5)]$  (E = P, As). *Phosphorus, Sulfur and Silicon and the Related Elements*,1-5

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