Jan J Weigand

List of Publications by Year
in descending order

223	6,559	57758	102487
papers	citations	44 h-index	66 g-index

252	252	252	5194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Derivatives of 1,5-Diamino-1H-tetrazole:Â A New Family of Energetic Heterocyclic-Based Salts. Inorganic Chemistry, 2005, 44, 4237-4253.	4.0	245
2	1,5-Diamino-4-methyltetrazolium Dinitramide. Journal of the American Chemical Society, 2005, 127, 2032-2033.	13.7	194
3	Azidoformamidinium and Guanidinium 5,5â€˜-Azotetrazolate Salts. Chemistry of Materials, 2005, 17, 3784-3793.	6.7	182
4	BTA Copper Complexes. Inorganic Chemistry, 2005, 44, 8044-8052.	4.0	176
5	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. Angewandte Chemie - International Edition, 2020, 59, 5637-5642.	13.8	128
6	Polyamine-based anion receptors: Extraction and structural studies. Coordination Chemistry Reviews, 2006, 250, 2987-3003.	18.8	126
7	Mechanism of Pd(NHC)-Catalyzed Transfer Hydrogenation of Alkynes. Journal of the American Chemical Society, 2010, 132, 16900-16910.	13.7	115
8	Formation of [Ph₂P₅]⁺, [Ph₄P₆]²⁺, and [Ph₆P₇]³⁺ Cationic Clusters by Consecutive Insertions of [Ph₂P]⁺ into Pï£¿P Bonds of the P₄ Tetrahedron. Angewandte Chemie - International Edition, 2009, 48, 295-298.	13.8	106
9	A tetranuclear molecular rectangle from four gold(I) atoms linked by dicarbene and diphosphine ligands. Dalton Transactions, 2009, , 9392.	3.3	100
10	Toward Full Zigzag-Edged Nanographenes: peri-Tetracene and Its Corresponding Circumanthracene. Journal of the American Chemical Society, 2018, 140, 6240-6244.	13.7	98
11	Bistetrazolylaminesâ€”synthesis and characterization. Journal of Materials Chemistry, 2008, 18, 5248.	6.7	93
12	Carbene-Stabilized Phosphorus(III)-Centered Cations [LPX₂]⁺ and [L₂PX]²⁺ (L = NHC; X = Cl, CN, N₃). Journal of the American Chemical Society, 2010, 132, 16321-16323.	13.7	92
13	Exploration of pyrazine-embedded antiaromatic polycyclic hydrocarbons generated by solution and on-surface azomethine ylide homocoupling. Nature Communications, 2017, 8, 1948.	12.8	88
14	The chemistry of cationic polyphosphorus cages â€“ syntheses, structure and reactivity. Chemical Society Reviews, 2014, 43, 6639-6657.	38.1	82
15	Cooperative Iron(II) Spin Crossover Complexes with N₄O₂ Coordination Sphere. Inorganic Chemistry, 2008, 47, 487-496.	4.0	81
16	NHCâ€Mediated Synthesis of an Asymmetric, Cationic Phosphoranide, a Phosphanide, and Coinageâ€Metal Phosphanido Complexes. Angewandte Chemie - International Edition, 2013, 52, 14204-14208.	13.8	79
17	Cationic Nitrogenâ€Doped Helical Nanographenes. Angewandte Chemie - International Edition, 2017, 56, 15876-15881.	13.8	77
18	The Importance of Pore Size and Surface Polarity for Polysulfide Adsorption in Lithium Sulfur Batteries. Advanced Materials Interfaces, 2016, 3, 1600508.	3.7	76

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19	Towards promising oxoanion extractants: azacages and open-chain counterparts. Dalton Transactions, 2003, , 1961-1968.	3.3	69
20	Preparation of the [(DippNP)₂(P₄)₂]²⁺-Dication by the Reaction of [DippNPCl]₂ and a Lewis Acid with P₄. Journal of the American Chemical Society, 2009, 131, 14210-14211.	13.7	68
21	Ligandâ€Stabilized [P₄]²⁺ Cations. Angewandte Chemie - International Edition, 2012, 51, 2964-2967.	13.8	67
22	Self-Assembly of an Imidazolate-Bridged Fe^{III}/Cu^{II} Heterometallic Cage. Inorganic Chemistry, 2014, 53, 688-690.	4.0	66
23	N-Nitroso- andN-Nitraminotetrazoles. Journal of Organic Chemistry, 2006, 71, 1295-1305.	3.2	65
24	Synthesis, Structure, Molecular Orbital Calculations and Decomposition Mechanism for Tetrazolylazide CHN7, its Phenyl Derivative PhCN7and Tetrazolylpentazole CHN9. Propellants, Explosives, Pyrotechnics, 2005, 30, 17-26.	1.6	64
25	A study on the thermal decomposition behavior of derivatives of 1,5-diamino-1H-tetrazole (DAT): A new family of energetic heterocyclic-based salts. Thermochimica Acta, 2005, 437, 168-178.	2.7	59
26	NHC Ligands with a Secondary Pyrimidyl Donor for Electron-Rich Palladium(0) Complexes. Organometallics, 2010, 29, 4555-4561.	2.3	59
27	Amineâ€Borane Dehydrogenation and Transfer Hydrogenation Catalyzed by Î±â€Diimine Cobaltates. Chemistry - A European Journal, 2019, 25, 238-245.	3.3	58
28	A Triazadiphosphole. Angewandte Chemie - International Edition, 2005, 44, 7790-7793.	13.8	57
29	Prototypical Phosphorus Analogues of Ethane:Â General and Versatile Synthetic Approaches to Hexaalkylated Pâ^'P Diphosphonium Cations. Journal of the American Chemical Society, 2007, 129, 7969-7976.	13.7	57
30	Preparation and Characterization of a Ligand-Stabilized Trimethylphosphane Dication. European Journal of Inorganic Chemistry, 2007, 2007, 4868-4872.	2.0	56
31	New Synthetic Procedures to Catena-Phosphorus Cations: Preparation and Dissociation of the First cyclo-Phosphino-halophosphonium Salts. Journal of the American Chemical Society, 2009, 131, 17943-17953.	13.7	56
32	Calculation of the Detonation Velocities and Detonation Pressures of Dinitrobiuret (DNB) and Diaminotetrazolium Nitrate (HDAT-NO3). Propellants, Explosives, Pyrotechnics, 2004, 29, 3-8.	1.6	55
33	Ï€-Extended and Curved Antiaromatic Polycyclic Hydrocarbons. Journal of the American Chemical Society, 2017, 139, 7513-7521.	13.7	55
34	1,4-Bis-[1-Methyltetrazol-5-yl]-1,4-Dimethyl-2-Tetrazene: A Stable, Highly Energetic Hexamer of Diazomethane (CH2N2)6. Propellants, Explosives, Pyrotechnics, 2004, 29, 325-332.	1.6	54
35	Zerovalent [Pd(NHC)(Alkene)_{1,2}] Complexes Bearing Expanded-Ring N-Heterocyclic Carbene Ligands in Transfer Hydrogenation of Alkynes. Organometallics, 2013, 32, 131-140.	2.3	54
36	Formation of Cationic [RP₅Cl]⁺-Cages via Insertion of [RPCl]⁺-Cations into a Pâ€"P Bond of the P₄ Tetrahedron. Inorganic Chemistry, 2012, 51, 3374-3387.	4.0	50

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37	A Curved Graphene Nanoribbon with Multi-Edge Structure and High Intrinsic Charge Carrier Mobility. Journal of the American Chemical Society, 2020, 142, 18293-18298.	13.7	50
38	[3+2] Fragmentation of an [RP₅Cl]⁺ Cage Cation Induced by an Nâ€Heterocyclic Carbene. Angewandte Chemie - International Edition, 2013, 52, 11078-11082.	13.8	49
39	Synthesis of Selected Cationic Pnictanes [L_nPnX_{3â€“n}]ⁿ⁺ (L = Imidazolium-2-yl; Pn = P, As;) Tj ETQq1 1 0.784314 rg 6849-6861.	4.0	49
40	Helical Nanographenes Containing an Azulene Unit: Synthesis, Crystal Structures, and Properties. Angewandte Chemie, 2020, 132, 5686-5691.	2.0	47
41	Recent highlights in mixed-coordinate oligophosphorus chemistry. Chemical Society Reviews, 2016, 45, 1145-1172.	38.1	46
42	Interaction of an extended series of N-substituted di(2-picolyl)amine derivatives with copper(II). Synthetic, structural, magnetic and solution studies. Dalton Transactions, 2009, , 4795.	3.3	45
43	Cationic 5-phosphonio-substituted N-heterocyclic carbenes. Dalton Transactions, 2016, 45, 11384-11396.	3.3	45
44	NBN-embedded Polycyclic Aromatic Hydrocarbons Containing Pentagonal and Heptagonal Rings. Organic Letters, 2019, 21, 1354-1358.	4.6	45
45	Self-assembly of neutral hexanuclear circular copper(ii) meso-helicates: topological control by sulfate ions. Chemical Communications, 2010, 46, 2373.	4.1	44
46	Selective Derivatization of a Hexaphosphane from Functionalization of White Phosphorus. Journal of the American Chemical Society, 2017, 139, 14592-14604.	13.7	43
47	A Melt Approach to the Synthesis ofcatena-Phosphorus Dications To Access Derivatives of [P6Ph4R4]2+. Angewandte Chemie - International Edition, 2006, 45, 6733-6737.	13.8	41
48	Synthesis of Anionic Iron Polyphosphides by Reaction of White Phosphorus with â€œCp*Fe^{â^’}â€• Angewandte Chemie - International Edition, 2011, 50, 6657-6660.	13.8	41
49	Recent Advances in Imidazoliumylâ€Substituted Phosphorus Compounds. Chemistry - an Asian Journal, 2018, 13, 1388-1405.	3.3	41
50	Templateâ€Controlled Formation of an [11]aneâ€P₂C^{NHC} Macrocyclic Ligand at an Iron(II) Template. European Journal of Inorganic Chemistry, 2010, 2010, 2907-2910.	2.0	39
51	Zwitterionic and cationic P5-clusters from four-membered phosphorusâ€“nitrogenâ€“metal heterocycles. Chemical Communications, 2010, 46, 6921.	4.1	39
52	Synthesis and reactivity of cyclo-tetra(stibinophosphonium) tetracations: redox and coordination chemistry of phosphineâ€“antimony complexes. Chemical Science, 2015, 6, 2559-2574.	7.4	39
53	Exploration of Thiazolo[5,4â€d]thiazole Linkages in Conjugated Porous Organic Polymers for Chemoselective Molecular Sieving. Chemistry - A European Journal, 2018, 24, 10868-10875.	3.3	39
54	Spatiotemporal Control of Supramolecular Polymerization and Gelation of Metalâ€“Organic Polyhedra. Journal of the American Chemical Society, 2021, 143, 3562-3570.	13.7	39

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55	Metal Complexation by the Peptide-Bound Maillard Reaction ProductsNÎµ-Fructoselysine andNÎµ-Carboxymethyllysine. Journal of Agricultural and Food Chemistry, 2004, 52, 2347-2350.	5.2	38
56	Preparation of Ligandâ€Stabilized [P₄O₄]²⁺ by Controlled Hydrolysis of a Janus Head Type Diphosphorus Trication. Angewandte Chemie - International Edition, 2010, 49, 6178-6181.	13.8	38
57	Versatile Reagent Ph₃As(OTf)₂: Oneâ€Pot Synthesis of [P₇(AsPh₃)₃][OTf]₃ from PCl₃. Chemistry - A European Journal, 2014, 20, 17306-17310.	3.3	38
58	Frustrated Lewis pair-mediated Câ€“O or Câ€“H bond activation of ethers. Chemical Communications, 2014, 50, 10038-10040.	4.1	38
59	Interaction of Mixed-Donor Macrocycles Containing the 1,10-Phenanthroline Subunit with Selected Transition and Post-Transition Metal Ions: Metal Ion Recognition in Competitive Liquidâ^'Liquid Solvent Extraction of CuII, ZnII, PbII, CdII, AgI, and HgII. Inorganic Chemistry, 2008, 47, 8391-8404.	4.0	36
60	Coordination chemistry of f-block metal ions with ligands bearing bio-relevant functional groups. Coordination Chemistry Reviews, 2019, 386, 267-309.	18.8	36
61	[3+2] Fragmentation of a Pentaphosphido Ligand by Cyanide. Angewandte Chemie - International Edition, 2019, 58, 18931-18936.	13.8	35
62	Wave-shaped polycyclic hydrocarbons with controlled aromaticity. Chemical Science, 2019, 10, 4025-4031.	7.4	35
63	On-water surface synthesis of charged two-dimensional polymer single crystals via the irreversible Katritzky reaction. , 2022, 1, 69-76.		34
64	Synthesis and EPR/UV/Visâ€NIR Spectroelectrochemical Investigation of a Persistent Phosphanyl Radical Dication. Angewandte Chemie - International Edition, 2015, 54, 11054-11058.	13.8	33
65	LIQUID-LIQUID EXTRACTION OF Ag(I), Hg(II), Au(III) AND Pd(II) BY SOME OLIGOTHIA MACROCYCLIC LIGANDS INCORPORATING AROMATIC AND HETEROAROMATIC SUBUNITS*. Solvent Extraction and Ion Exchange, 1994, 12, 475-496.	2.0	32
66	Bulky Picolyl Substituted NHC Ligands and Their Pd0 Complexes. European Journal of Inorganic Chemistry, 2010, 2010, 5556-5562.	2.0	31
67	Direct conversion of white phosphorus to versatile phosphorus transfer reagents via oxidative onioation. Nature Chemistry, 2022, 14, 384-391.	13.6	31
68	Mono-, Di-, and Tricoordinated Phosphorus Attached to a Nâ^'N Unit: An Experimental and Theoretical Studyâ€. Inorganic Chemistry, 2005, 44, 1740-1751.	4.0	30
69	Interaction of Copper(II) with Ditopic Pyridyl-Î²-diketone Ligands: Dimeric, Framework, and Metallogel Structures. Crystal Growth and Design, 2011, 11, 1697-1704.	3.0	30
70	Synthesis of Cationic R₂P₅⁺ Cages and Subsequent Chalcogenation Reactions. Chemistry - A European Journal, 2013, 19, 9895-9907.	3.3	30
71	Exploring the Chemical Reaction Space at the Formation of Chalcogenidometalate Superspheres in Ionic Liquids. Chemistry - A European Journal, 2017, 23, 1999-2004.	3.3	30
72	Low-Temperature Tailoring of Copper-Deficient Cu_{3â€“x}Pâ€”Electric Properties, Phase Transitions, and Performance in Lithium-Ion Batteries. Chemistry of Materials, 2018, 30, 7111-7123.	6.7	30

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73	Observation of a Chloride-Bridged Pâ€“P Bond in the Phosphorus Cation [L(Cl)P(Î¼-Cl)P(Cl)L]⁺ (L = NHC). Organometallics, 2013, 32, 6674-6680.	2.3	29
74	Construction of alkyl-substituted pentaphosphido ligands in the coordination sphere of cobalt. Chemical Science, 2019, 10, 1302-1308.	7.4	29
75	COMPLEX FORMATION AND LIQUID-LIQUID EXTRACTION OF SILVER WITH CYCLIC AND OPEN-CHAIN OXATHIA ALKANES. Solvent Extraction and Ion Exchange, 1989, 7, 223-247.	2.0	28
76	A facile way to regenerate FePO4â˜™2H2O precursor from spent lithium iron phosphate cathode powder: Spontaneous precipitation and phase transformation in an acidic medium. Journal of Alloys and Compounds, 2021, 856, 158148.	5.5	28
77	Rigid pyridyl substituted NHC ligands, their Pd(0) complexes and their application in selective transfer semihydrogenation of alkynes. Applied Organometallic Chemistry, 2011, 25, 276-282.	3.5	27
78	Pâ€“N/Pâ€“P Bond Metathesis for the Synthesis of Complex Polyphosphanes. Journal of the American Chemical Society, 2012, 134, 15443-15456.	13.7	27
79	Oneâ€Pot Synthesis of Boronâ€Doped Polycyclic Aromatic Hydrocarbons via 1,4â€Boron Migration. Angewandte Chemie - International Edition, 2021, 60, 2833-2838.	13.8	27
80	Pyrolysis experiments and thermochemistry of mononitrobiuret (MNB) and 1,5-dinitrobiuret (DNB). Combustion and Flame, 2004, 139, 358-366.	5.2	26
81	Macrocyclic ligand design. Structureâ€“function relationships involving the interaction of pyridinyl-containing, oxygenâ€“nitrogen donor macrocycles with selected transition and post transition metal ions on progressive N-benzylation of their secondary amines. Dalton Transactions, 2004. , 3715-3726.	3.3	26
82	Oneâ€Pot Syntheses of Cationic Polyphosphorus Frameworks with Twoâ€, Threeâ€, and Fourâ€Coordinate Phosphorus Atoms by Oneâ€Pot Multiple Ï£P Bond Formations from a P₁ Source. Angewandte Chemie - International Edition, 2012, 51, 7545-7549.	13.8	26
83	Inhibition of asphaltene precipitation using hydrophobic deep eutectic solvents and ionic liquid. Journal of Molecular Liquids, 2021, 334, 116100.	4.9	26
84	Nitro(nitroso)cyanomethanides. Angewandte Chemie - International Edition, 2005, 44, 3929-3932.	13.8	25
85	The Dianion of 5-Cyanoiminotetrazoline:Â C2N62-. Inorganic Chemistry, 2005, 44, 5949-5958.	4.0	25
86	Interaction of tripodal Schiff-base ligands with silver(i): structural and solution studies. CrystEngComm, 2010, 12, 4176.	2.6	25
87	Blue Alkali Dinitrosomethanides:Â Synthesis, Structure, and Bonding. Journal of the American Chemical Society, 2005, 127, 1360-1361.	13.7	24
88	Design and synthesis of heteroditopic aza-thioether macrocycles for metal extraction. New Journal of Chemistry, 2006, 30, 1755-1767.	2.8	24
89	The Binary Ph₂PCl/GaCl₃ System: A Roomâ€Temperature Molten Medium for Pâ€“P Bond Formation. European Journal of Inorganic Chemistry, 2008, 2008, 4343-4347.	2.0	24
90	Versatile Tri(pyrazolyl)phosphanes as Phosphorus Precursors for the Synthesis of Highly Emitting InP/ZnS Quantum Dots. Angewandte Chemie - International Edition, 2017, 56, 14737-14742.	13.8	24

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91	Preparation of Cationic [(R₂N)P₅Cl]⁺â€Cage Compounds from [(R₂N)PCl]⁺ and P₄. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2012, 638, 1103-1108.	1.2	23
92	Multipleâ€Charged P₁â€centered Cations: Perspectives in Synthesis. Angewandte Chemie - International Edition, 2012, 51, 6566-6568.	13.8	23
93	Reductive Catenation of Phosphine Antimony Complexes. Angewandte Chemie - International Edition, 2015, 54, 7828-7832.	13.8	23
94	[(^{Cl}Im^{Dipp})Pî€P(Dipp)][GaCl₄]: a polarized, cationic diphosphene. Chemical Communications, 2016, 52, 1409-1412.	4.1	23
95	Production of high purity rare earth mixture from iron-rich spent fluid catalytic cracking (FCC) catalyst using acid leaching and two-step solvent extraction process. Korean Journal of Chemical Engineering, 2018, 35, 1195-1202.	2.7	23
96	Measurement of the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mmultiscripts><mml:mrow><mml:mi mathvariant="normal">B</mml:mi></mml:mrow><mml:mprescripts /><mml:none /><mml:mrow><mml:mn>8</mml:mn></mml:mrow></mml:mmultiscripts></mml:mrow></mml:math> solar neutrino flux in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>SNO</mml:mi><mml:mo>+</mml:mo></mml:mrow></mml:math>	4.7	23
97	A Versatile Protocol for the Quantitative and Smooth Conversion of Phosphane Oxides into Synthetically Useful Pyrazolylphosphonium Salts. ChemSusChem, 2011, 4, 1805-1812.	6.8	22
98	Facile synthesis of potassium tetrathiooxalate â€“ The â€œtrueâ€•monomer for the preparation of electron-conductive poly(nickel-ethylenetetrathiolate). Tetrahedron, 2017, 73, 2250-2254.	1.9	22
99	Strong Uranium(VI) Binding onto Bovine Milk Proteins, Selected Protein Sequences, and Model Peptides. Inorganic Chemistry, 2019, 58, 4173-4189.	4.0	22
100	Coordination Complexes of the Dimethylthiophosphonium Cation and Ligand Exchange. Inorganic Chemistry, 2007, 46, 7689-7691.	4.0	21
101	Access to catenated and branched polyphosphorus ligands and coordination complexes via a tri(pyrazolyl)phosphane. Chemical Communications, 2012, 48, 4296.	4.1	21
102	Silver and Gold Complexes with Benzimidazolin-2-ylidene Ligands. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2009, 64, 1458-1462.	0.7	20
103	Dissolution behaviour and activation of selenium in phosphonium based ionic liquids. Chemical Communications, 2017, 53, 7588-7591.	4.1	20
104	Formation of an imidazoliumyl-substituted [(L_C)₄P₄]⁴⁺tetracation and transition metal mediated fragmentation and insertion reaction (L_C= NHC). Chemical Science, 2019, 10, 6868-6875.	7.4	20
105	Search for invisible modes of nucleon decay in water with the SNO+ detector. Physical Review D, 2019, 99, .	4.7	20
106	Leaching performance of Al-bearing spent LiFePO4 cathode powder in H2SO4 aqueous solution. Transactions of Nonferrous Metals Society of China, 2021, 31, 817-831.	4.2	20
107	Bifunctional diphosphorus Lewis acids from cyclodiphosphadiazanes. Chemical Communications, 2007, , 4671.	4.1	19
108	[P₃Se₄]⁺: A Binary Phosphorusâ€“Selenium Cation. Chemistry - A European Journal, 2015, 21, 9697-9712.	3.3	19

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109	Self-assembly of [2+2] Co(II) metallomacrocycles and Ni(II) metallogels with novel bis(pyridylimine) ligands. Journal of Organometallic Chemistry, 2016, 821, 182-191.	1.8	19
110	Development, characterisation, and deployment of the SNO+ liquid scintillator. Journal of Instrumentation, 2021, 16, P05009.	1.2	19
111	Tetra-cationic imidazoliumyl-substituted phosphorusâ€“sulfur heterocycles from a cationic organophosphorus sulfide. Chemical Communications, 2016, 52, 2023-2026.	4.1	18
112	Carbodiphosphorane mediated synthesis of a triflyloxyphosphonium dication and its reactivity towards nucleophiles. Chemical Communications, 2017, 53, 2954-2957.	4.1	17
113	Pyrene-Fused s-Indacene. Journal of Organic Chemistry, 2018, 83, 6633-6639.	3.2	17
114	Ammonium vanadate/ammonia precipitation for vanadium production from a high vanadate to sodium ratio solution obtained via membrane electrolysis method. Journal of Cleaner Production, 2020, 263, 121357.	9.3	17
115	Comparative study of an acidic deep eutectic solvent and an ionic liquid as chemical agents for enhanced oil recovery. Journal of Molecular Liquids, 2021, 329, 115527.	4.9	17
116	Understanding the Chemical Reactivity of Phosphoniumâ€Based Ionic Liquids with Tellurium. Chemistry - A European Journal, 2018, 24, 9325-9332.	3.3	16
117	[3+2]â€Fragmentierung von Pentaphosphidoliganden durch Cyanid. Angewandte Chemie, 2019, 131, 19107-19112.	2.0	16
118	Separation and recovery of rare earths by in situ selective electrochemical oxidation and extraction from spent fluid catalytic cracking (FCC) catalysts. Hydrometallurgy, 2020, 194, 105300.	4.3	16
119	Determination of metastable zone width, induction time and primary nucleation kinetics for cooling crystallization of sodium orthovanadate from NaOH solution. Journal of Crystal Growth, 2020, 545, 125721.	1.5	16
120	The progression of strong and weak hydrogen bonds in a series of ethylenediammonium dithiocyanate derivativesâ€”a new bonding protocol for macromolecules?. Physical Chemistry Chemical Physics, 2008, 10, 3569.	2.8	15
121	Reductive Ring Opening of a Cyclo-Tri(phosphonio)methanide Dication to a Phosphanylcarbodiphosphorane: In Situ UV-Vis Spectroelectrochemistry and Gold Coordination. Organometallics, 2018, 37, 748-754.	2.3	15
122	Towards efficient extraction of La(III) from spent FCC catalysts by alkaline pre-treatment. Minerals Engineering, 2018, 127, 1-5.	4.3	15
123	An unprecedented bridging [Ag2(NO3)6]4â^'anion as a component of an infinite silver(i) molecular ladder incorporating a dinuclear cationic silver complex of a bis-dipyridylamine ligand. CrystEngComm, 2006, 8, 748-750.	2.6	14
124	On the Staudinger Reaction of SP(N3)3 with PPh3 and(Me3Si)2Nâ€“(Me3Si)Nâ€“PPh2. European Journal of Inorganic Chemistry, 2006, 2006, 2051-2057.	2.0	14
125	A new 34-membered N6O4-donor macrocycle: synthetic, X-ray and solvent extraction studies. New Journal of Chemistry, 2008, 32, 132-137.	2.8	14
126	Isolation of Azadiphosphiridines and Diphosphenimines by Cycloaddition of Azides and a Cationic Diphosphene. Angewandte Chemie - International Edition, 2017, 56, 6218-6222.	13.8	14

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127	A Tetracyclic Octaphosphane by Successive Addition, Inversion, and Condensation Reactions. Angewandte Chemie - International Edition, 2017, 56, 7858-7862.	13.8	14
128	Pâ^'P Condensation and Pâ^'N/Pâ^'P Bond Metathesis: Facile Synthesis of Cationic Triâ€•and Tetraphosphanes. Angewandte Chemie - International Edition, 2020, 59, 3585-3591.	13.8	14
129	Ethanol to Aromatics on Modified Hâ€ZSMâ€5 Part I: Interdependent Dealumination Actions. ChemCatChem, 2020, 12, 6301-6310.	3.7	14
130	Origin of Morphology Change and Effect of Crystallization Time and Si/Al Ratio during Synthesis of Zeolite ZSMâ€5. ChemCatChem, 2022, 14, .	3.7	14
131	Phosphenium-Insertion and Chloronium-Addition Reactions Involving the cyclo-Phosphanes (t-BuP)n (n=3, 4). Australian Journal of Chemistry, 2013, 66, 1155.	0.9	13
132	Mechanistic exploration of the copper(<scp>i</scp>) phosphide synthesis in phosphonium-based and phosphorus-free ionic liquids. Dalton Transactions, 2017, 46, 15004-15011.	3.3	13
133	Functionalization of Pentaphosphorus Cations by Complexation. Angewandte Chemie - International Edition, 2019, 58, 18584-18590.	13.8	13
134	Flowers of the plant genus Hypericum as versatile photoredox catalysts. Green Chemistry, 2021, 23, 881-888.	9.0	13
135	Reductive Catenation of Phosphine Antimony Complexes. Angewandte Chemie, 2015, 127, 7939-7943.	2.0	12
136	Reaction of P₄ with in situ Formed cycloâ€Triphosphatriazenium Cation [(DmpNP)₃Cl₂]⁺ (Dmp = 2,6â€Dimethylphenyl). European Journal of Inorganic Chemistry, 2016, 2016, 667-677.	2.0	12
137	Condensation Reactions of Chlorophosphanes with Chalcogenides. Inorganic Chemistry, 2016, 55, 1854-1860.	4.0	12
138	Selective and Reversible Fluoride Complexation from Water by a Cyclic Tri(phosphonio)methanide Dication. Angewandte Chemie - International Edition, 2017, 56, 7907-7911.	13.8	12
139	Amido Silicon Chalcogenide Compounds with Unprecedented Cluster Cores and Low Oxidation State Silicon Atoms. European Journal of Inorganic Chemistry, 2019, 2019, 4719-4726.	2.0	12
140	Recovering valuable metals from spent hydrodesulfurization catalyst via blank roasting and alkaline leaching. Journal of Hazardous Materials, 2021, 416, 125849.	12.4	12
141	Understanding the Electronic Structure, Reactivity, and Hydrogen Bonding for a 1,2-Diphosphonium Dication. Journal of Physical Chemistry A, 2008, 112, 3424-3431.	2.5	11
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