

Jörg Sundermeyer

List of Publications by Year in descending order

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143
papers

4,841
citations

94433

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114465

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all docs

148
docs citations

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times ranked

3613
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#	ARTICLE	IF	CITATIONS
1	Crystallographic Characterization of a Synthetic 1:1 End-On Copper Dioxygen Adduct Complex. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3867-3869.	13.8	245
2	Reactions of a Copper(II) Superoxo Complex Lead to C ₁₂ H and O ₁₂ H Substrate Oxygenation: Modeling Copper-Monooxygenase C ₁₂ H Hydroxylation. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 82-85.	13.8	202
3	1,8-Bis(tetramethylguanidino)naphthalene (TMGN): A New, Superbasic and Kinetically Active π -Proton Sponge. <i>Chemistry - A European Journal</i> , 2002, 8, 1682-1693.	3.3	174
4	Combined Spectroscopic and Theoretical Evidence for a Persistent End-On Copper Superoxo Complex. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 4360-4363.	13.8	162
5	1,8-Bis(hexamethyltriaminophosphazanyl)naphthalene, HMPN: A Superbasic Bisphosphazene π -Proton Sponge. <i>Journal of the American Chemical Society</i> , 2005, 127, 15738-15743.	13.7	158
6	Olefin Epoxidation with Inorganic Peroxides. Solutions to Four Long-Standing Controversies on the Mechanism of Oxygen Transfer. <i>Accounts of Chemical Research</i> , 2004, 37, 645-652.	15.6	142
7	Mechanism of the Olefin Epoxidation Catalyzed by Molybdenum Diperoxo Complexes: Quantum-Chemical Calculations Give an Answer to a Long-Standing Question. <i>Journal of the American Chemical Society</i> , 2000, 122, 10101-10108.	13.7	128
8	1,8-Bis(dimethylethyleneguanidino)naphthalene: Tailoring the Basicity of Bisguanidine π -Proton Sponges by Experiment and Theory. <i>Journal of Organic Chemistry</i> , 2003, 68, 8790-8797.	3.2	122
9	Isotopic Probing of Molecular Oxygen Activation at Copper(I) Sites. <i>Journal of the American Chemical Society</i> , 2007, 129, 14697-14709.	13.7	114
10	Spectroscopic and Computational Studies of an End-on Bound Superoxo-Cu(II) Complex: Geometric and Electronic Factors That Determine the Ground State. <i>Inorganic Chemistry</i> , 2010, 49, 9450-9459.	4.0	102
11	Hohervalente Derivate der π -Metalle, 13. Homoscorpionate als tripodale Ankerliganden chlorfunktioneller Oxo- und Imidokomplexe von Elementen der 5. Gruppe. <i>Chemische Berichte</i> , 1994, 127, 1201-1212.	0.2	94
12	Molecular and Electronic Structures of Homoleptic Nickel and Cobalt Complexes with Non-Innocent Bulky Diimine Ligands Derived from Fluorinated 1,4-Diaza-1,3-butadiene (DAD) and Bis(arylimino)acenaphthene (BIAN). <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 2985-2996.	2.0	90
13	Peroxomolybdenum Complexes as Epoxidation Catalysts in Biphasic Hydrogen Peroxide Activation: Raman Spectroscopic Studies and Density Functional Calculations. <i>Chemistry - A European Journal</i> , 1999, 5, 3237-3251.	3.3	89
14	A new class of luminescent Cu(II) complexes with tripodal ligands π -TADF emitters for the yellow to red color range. <i>Dalton Transactions</i> , 2015, 44, 8506-8520.	3.3	84
15	Reaction of a Copper(II) Dioxygen Complex with Nitrogen Monoxide (π -NO) Leads to a Copper(II) Peroxynitrite Species. <i>Journal of the American Chemical Society</i> , 2008, 130, 6700-6701.	13.7	78
16	Complexes of Manganese, Iron, Zinc, and Molybdenum with a Superbasic Tris(guanidine) Derivative of Tris(2-ethylamino)amine (Tren) as a Tripod Ligand. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 1937-1948.	2.0	75
17	Organometallimide π -hohervalente Derivate der π -Metalle, 3. Synthese und Reaktionen von (Pentamethylcyclopentadienyl)imido-Komplexen des Molybdäns und Wolframs und eine effiziente Strategie zur Synthese der Organometallate Nb ₄ [Cp [*] MO ₃] (M =) Tj ETQqI ¹ 0.784314 rgBT	0.2	69
18	Copper Complexes of Novel Superbasic Peralkylguanidine Derivatives of Tris(2-aminoethyl)amine as Constraint Geometry Ligands. <i>Inorganic Chemistry</i> , 2001, 40, 6964-6971.	4.0	60

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19	On-Surface Synthesis and Characterization of a Cycloarene: C108 Graphene Ring. <i>Journal of the American Chemical Society</i> , 2020, 142, 894-899.	13.7	60
20	A series of metal complexes with the non-innocent N,N ² -bis(pentafluorophenyl)-o-phenylenediamido ligand: twisted geometry for tuning the electronic structure. <i>Dalton Transactions</i> , 2008, , 1355.	3.3	58
21	Ligand effects in the copper catalyzed aerobic oxidative carbonylation of methanol to dimethyl carbonate (DMC). <i>Journal of Molecular Catalysis A</i> , 2001, 175, 51-63.	4.8	56
22	A New Synthetic Pathway to the Second and Third Generation of Superbasic Bisphosphazene Proton Sponges: The Run for the Best Chelating Ligand for a Proton. <i>Journal of the American Chemical Society</i> , 2013, 135, 17768-17774.	13.7	56
23	Experimental Basicities of Phosphazene, Guanidinophosphazene, and Proton Sponge Superbases in the Gas Phase and Solution. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2591-2604.	2.5	51
24	Phosphazene-Functionalized Cyclopentadienyl and Its Derivatives Ligated Rare-Earth Metal Alkyl Complexes: Synthesis, Structures, and Catalysis on Ethylene Polymerization. <i>Organometallics</i> , 2012, 31, 4267-4282.	2.3	47
25	A new class of deep-blue emitting Cu(<i>sc</i>) compounds ² effects of counter ions on the emission behavior. <i>Dalton Transactions</i> , 2015, 44, 20045-20055.	3.3	47
26	Cu(I) and Ag(I) Complexes with a New Type of Rigid Tridentate N,P,P-Ligand for Thermally Activated Delayed Fluorescence and OLEDs with High External Quantum Efficiency. <i>Chemistry of Materials</i> , 2020, 32, 10365-10382.	6.7	45
27	Characterization of Three Members of the Electron-Transfer Series [Fe(pda) ₂] ⁿ (n = 2 ⁺ , 1 ⁺ , 0) by Spectroscopy and Density Functional Theoretical Calculations [pda = Redox Non-innocent Derivatives of N,N ² -bis(pentafluorophenyl)-o-phenylenediamide(2 ⁺ , 1 ⁺ , 0)]. <i>Chemistry - A European Journal</i> , 2008, 14, 7608-7622.	3.3	44
28	Di-ortho-beryllated Carbodiphosphorane: A Compound with a Metal-Carbon Double Bond to an Element of the s-Block. <i>Organometallics</i> , 2020, 39, 3224-3231.	2.3	44
29	The Bonding Capability of Imido Complex Fragments of Groups 5-7 with Regard to the Isolobal Relationship. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1255-1257.	4.4	43
30	Stabilized Germylenes Based on Diethylenetriamines and Related Diamines: Synthesis, Structures, and Chemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 3712-3724.	2.0	43
31	Organometallimide ² H ² herivalente Derivate der d-Metall- ² ure, 2. Alkyl-, Aryl- und Cyclopentadienyl-substituierte Molybdän(VI)- und Wolfram(VI)-imide. <i>Chemische Berichte</i> , 1992, 125, 2183-2186.	0.2	41
32	Superbasic Alkyl-Substituted Bisphosphazene Proton Sponges: Synthesis, Structural Features, Thermodynamic and Kinetic Basicity, Nucleophilicity and Coordination Chemistry. <i>Chemistry - A European Journal</i> , 2014, 20, 7670-7685.	3.3	41
33	Phosphazanyl Phosphines: The Most Electron-Rich Uncharged Phosphorus Brønsted and Lewis Bases. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10335-10339.	13.8	41
34	Synthesis and X-ray crystal structures of imido and ureato derivatives of titanium(IV) phthalocyanine and their application in the catalytic formation of carbodiimides by metathesis from isocyanates. <i>Dalton Transactions</i> , 2011, 40, 1787.	3.3	39
35	Chelatliganden auf Basis peralkylierter Bis- und Tris-Guanidine. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2000, 626, 1583-1590.	1.2	38
36	Deep blue emitting Cu(<i>sc</i>) tripod complexes. Design of high quantum yield materials showing TADF-assisted phosphorescence. <i>Dalton Transactions</i> , 2018, 47, 17067-17076.	3.3	37

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37	Heavily π -Bond-Loaded Tungsten Phosphonioalkylidyne Complexes via a Domino Transylidation Cascade at (Organoimido)tungsten Tetrachlorides. <i>Organometallics</i> , 2002, 21, 2356-2358.	2.3	35
38	Diimidokomplexe $[M(NR)_2(PMe)_3]_2(L)$ des vierwertigen Molybdäns und Wolframs: Struktur, Moleküldynamik und Aktivierung π -Acid-Liganden. <i>Chemische Berichte</i> , 1994, 127, 1827-1835.	0.2	34
39	Synthesis and structure of a series of new haloaryl imido complexes of molybdenum. <i>Polyhedron</i> , 2001, 20, 379-385.	2.2	34
40	Ferrocenyl-phosphonium ionic liquids – synthesis, characterisation and electrochemistry. <i>Dalton Transactions</i> , 2014, 43, 3750.	3.3	33
41	Design of Novel Uncharged Organic Superbases: Merging Basicity and Functionality. <i>Accounts of Chemical Research</i> , 2021, 54, 3108-3123.	15.6	31
42	Three novel anions based on pentafluorophenyl amine combined with two new synthetic strategies for the synthesis of highly lipophilic ionic liquids. <i>Chemical Communications</i> , 2009, , 2914.	4.1	30
43	Organometallimide – H π -hervalente Derivate der d^0 -Metalläsuren, 1 Neue Organometallimide des Molybdäns und Wolframs – die direkte Einführung der Cyclopentadienyl-Gruppe durch Maskierung der hohen Oxidationsstufe. <i>Chemische Berichte</i> , 1991, 124, 1977-1979.	0.2	29
44	Title is missing!. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2003, 629, 744-754.	1.2	29
45	A Lutetium Cyclopentadienyl-Phosphazene Constrained Geometry Complex (CGC): First Isolobal Analogues of Group 4 Cyclopentadienyl-Silylamido CGC Systems. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 3805-3807.	2.0	29
46	Synthesis of Organic (Trimethylsilyl)chalcogenolate Salts Cat[TMS-E] (E = S, Se, Te): the Methylcarbonate Anion as a Desilylating Agent. <i>Inorganic Chemistry</i> , 2015, 54, 9568-9575.	4.0	29
47	Simple Synthesis of an Allenylidene Heptavalent Rhenium(d^0) Complex. <i>Journal of the American Chemical Society</i> , 2004, 126, 8660-8661.	13.7	28
48	N π -Heterocyclic Olefin-Carbon Dioxide and π -Sulfur Dioxide Adducts: Structures and Interesting Reactivity Patterns. <i>Chemistry - A European Journal</i> , 2016, 22, 16292-16303.	3.3	28
49	Tripodale Bis(2,6-iminophosphoranyl)pyridin-Liganden: Eisen- und Cobalt-Komplexe mit Potential in der Ethen-Polymerisation. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 1023-1028.	1.2	27
50	Simple Synthesis and Structure Characterization of a Stable Niobium(V) Phosphoniomethylidyne Complex. <i>Organometallics</i> , 2005, 24, 4699-4701.	2.3	27
51	Cu(I)/(II) based catalytic ionic liquids, their metallo-laminate solid state structures and catalytic activities in oxidative methanol carbonylation. <i>Green Chemistry</i> , 2010, 12, 1589.	9.0	27
52	Pentaalkylmethylguanidinium methylcarbonates – versatile precursors for the preparation of halide-free and metal-free guanidinium-based ILs. <i>Green Chemistry</i> , 2011, 13, 608.	9.0	27
53	Formation of π -Ketene Rhenium(VII) Complex through the C,C-Coupling Reaction of Phosphonio Methylidyne Complexes with Carbon Monoxide. <i>Organometallics</i> , 2006, 25, 528-530.	2.3	25
54	Sulfinylaminemetathesis at oxo metal species - convenient entry into imido metal chemistry. <i>Dalton Transactions</i> , 2011, 40, 1990-1997.	3.3	25

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55	Simple access to ionic liquids and organic salts containing the phosphoethynolate (PCO ⁺) and Zintl (Sb ³⁻) anions. <i>Chemical Communications</i> , 2016, 52, 11646-11648.	4.1	25
56	Synthesis and Characterization of a <i>N,C,N</i> -Carbodiphosphorane Pincer Ligand and Its Complexes. <i>Organometallics</i> , 2019, 38, 3768-3777.	2.3	25
57	Silylimido Complexes of Niobium and Tantalum at the Limit of π -Bond Saturation. <i>European Journal of Inorganic Chemistry</i> , 2001, 2001, 2947.	2.0	24
58	Yttrium Hydride Complex Bearing CpPN/Amidinate Heteroleptic Ligands: Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 2012, 31, 4579-4587.	2.3	24
59	A Phosphorus Bisylide: Exploring a New Class of Superbases with Two Interacting Carbon Atoms as Basicity Centers. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 3090-3093.	13.8	24
60	Die Bindungsfähigkeit von Imidokomplexfragmenten der 5.-7. Gruppe im Hinblick auf Isolobalbeziehungen. <i>Angewandte Chemie</i> , 1994, 106, 1328-1331.	2.0	22
61	Deprotonated P-ylides As Templates for Novel Cyclopentadienyl Phosphonioalkyl, -alkylidene, and -alkylidyne (CpPC) Constrained-Geometry Complexes. <i>Organometallics</i> , 2013, 32, 5082-5091.	2.3	22
62	Two C ₂ -symmetric chelating P ₂ -bisphosphazene superbases connected via a binaphthyl backbone – synthesis, structural features and preparation of a cationic alkyl aluminum complex. <i>Chemical Communications</i> , 2014, 50, 4319-4321.	4.1	22
63	Novel Stannylenes Stabilized with Diethylenetriamido and Related Amido Ligands: Synthesis, Structure, and Chemical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 502-511.	1.2	21
64	Gas-phase oxycarbonylation of methanol for the synthesis of dimethyl carbonate using copper-based Supported Ionic Liquid Phase (SILP) catalysts. <i>Journal of Catalysis</i> , 2014, 309, 71-78.	6.2	21
65	Halide-Free Synthesis of Hydrochalcogenide Ionic Liquids of the Type [Cation][HE] (E=S, Se, Te). <i>Chemistry - A European Journal</i> , 2016, 22, 4218-4230.	3.3	21
66	Design of non-ionic carbon superbases: second generation carbodiphosphoranes. <i>Chemical Science</i> , 2019, 10, 9483-9492.	7.4	21
67	Fluoro- and Perfluoroalkylsulfonylpentafluoroanilides: Synthesis and Characterization of NH Acids for Weakly Coordinating Anions and Their Gas-Phase and Solution Acidities. <i>Chemistry - A European Journal</i> , 2015, 21, 5769-5782.	3.3	20
68	Simple entry into N-tert-butyl-iminophosphoramidate rare-earth metal alkyl and chlorido complexes. <i>Dalton Transactions</i> , 2016, 45, 1525-1538.	3.3	20
69	Template-controlled on-surface synthesis of a lanthanide supernaphthalocyanine and its open-chain polycyanine counterpart. <i>Nature Communications</i> , 2019, 10, 5049.	12.8	20
70	Direct Metal-Metal Bonds Between High and Low Valent Complex Fragments: The Reaction of Metal Bases with the Metal Acids [Re(NR) ₃] ⁺ and [Mo(NR) ₂] ₂ ⁺ . <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 678-681.	4.4	19
71	Synthesis and Characterisation of 5, 5'-Bistetrazolate Salts with Alkali Metal, Ammonium and Imidazolium Cations. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2013, 639, 1140-1152.	1.2	19
72	Phosphazenyolphosphine: Die elektronenreichsten ungeladenen Brønsted- und Lewis-Phosphor-Basen. <i>Angewandte Chemie</i> , 2019, 131, 10443-10447.	2.0	19

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73	P-Amino-cyclopentadienylidene-phosphoranes versus P-cyclopentadienyl-iminophosphoranesâ€”tautomeric protic forms of a new bidentate CpPNligand system. Dalton Transactions, 2008, , 909-915.	3.3	18
74	Sulfinylamid-Metathese und Nitren-Transfer an Komplexen des sechswertigen MolybdÄns und Wolframs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 1999, 625, 2125-2132.	1.2	17
75	The first chiral diimido chelate complexes of molybdenum and tungsten: transition metal diimido complexes on the way to asymmetric catalysis. Chemical Communications, 1999, , 2381.	4.1	17
76	Re-investigation of ortho-metallated N,N-dialkylbenzylamine complexes of rare-earth metals. First structurally characterized arylates of neodymium and gadolinium Li[LnAr4]. Journal of Organometallic Chemistry, 2009, 694, 1212-1218.	1.8	17
77	Discovery and Synthetic Value of a Novel, Highly Crowded Cyclopentadienylphosphane Ph2P-CpTMH and Its Ferrocenyl-Bisphosphane dppfTM. European Journal of Inorganic Chemistry, 2010, 2010, 4157-4165.	2.0	17
78	Novel Nitrido- and Oxo(phthalocyaninato) Complexes of Molybdenum, Tungsten and Rhenium. European Journal of Inorganic Chemistry, 2000, 2000, 1025-1030.	2.0	16
79	Dimers of highly ĩ€-loaded organoimido d1 metal radicals of niobium, tantalum, molybdenum, tungsten, and rhenium: the context of the cyclopentadienyl imido ligand analogy. Journal of Organometallic Chemistry, 2002, 655, 96-104.	1.8	16
80	Diimido-, Imido(oxo)-, Dioxo- und Imido(alkyliden)-Halbsandwich-VerbindungenÄ¼ber selektive Hydrolyse undĀ±â€”H-Abstraktion an Organylkomplexen des sechswertigen MolybdÄns und Wolframs. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 848-857.	1.2	16
81	LithiumBis(pentafluorophenyl)amideâ€” Syntheses and Structural Characterization of its Complexes with Diethyl Ether and THF. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2004, 630, 885-889.	1.2	16
82	Chelating P2â€”Bisâ€”phosphazenes with a (<i>R</i>,<i>R</i>)-â€”1,2â€”Diaminocyclohexane Skeleton: Two New Chiral Superbases. Chemistry - A European Journal, 2017, 23, 2591-2598.	3.3	15
83	Direkte Metallâ€”Metallâ€”Bindungen zwischen hÄ¼herâ€”und niedervalenten Komplexfragmenten: Reaktion von Metallbasen mit MetallsÄuren [Re(NR) ₃] ⁺ und [Mo(NR) ₂] ²⁺ . Angewandte Chemie, 1994, 106, 679-682.	2.0	13
84	Ferrocenyl-sulfonium ionic liquids â€” synthesis, characterization and electrochemistry. Dalton Transactions, 2018, 47, 1933-1941.	3.3	13
85	An experimental and computational study on isomerically pure, soluble azaphthalocyanines and their complexes and boron azasubphthalocyanines of a varying number of aza units. Organic and Biomolecular Chemistry, 2018, 16, 6586-6599.	2.8	13
86	Bis(cyclopentadienyl) Diimido Complexes of Molybdenum and Tungsten [Cp2M(NR)2] at the Limit of Pi-Bond Saturation. European Journal of Inorganic Chemistry, 2001, 2001, 1617-1623.	2.0	12
87	Constrainedâ€”Geometry Bisphosphazides Derived from 1,8â€”Diazonaphthalene: Synthesis, Spectroscopic Characteristics, Structural Features, and Theoretical Investigations. Chemistry - A European Journal, 2014, 20, 5994-6009.	3.3	12
88	Interaction of t-butyllithium and triphenylmethylenephosphoranes. Tetrahedron Letters, 2000, 41, 5461-5464.	1.4	11
89	Sigma- versus Pi-Koordination in Bis-indenyl- und Bis-2-methylal-Imidokomplexen des sechswertigen MolybdÄns und Wolframs: DF-Rechnungen und KristallstrukturanalyseProfessor Joachim StrÄhle zum 65. Geburtstag gewidmet. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2002, 628, 1226.	1.2	11
90	New highly fluorinated phenazine derivatives: Correlation between crystal structure and NMR spectroscopy. Journal of Fluorine Chemistry, 2006, 127, 200-204.	1.7	11

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91	Synthesis and X-ray Crystal Structures of Acenaphthenequinone-based η^2 -Diimine Palladium Complexes and a Novel η^3 -shape Tripalladium Cluster. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1517-1521.	1.2	11
92	Synthesis and Crystal Structures of Axially Substituted Titaniumphthalocyanines and Preparation of PcTi@SBA-15 and $\text{PcTi}\cdot\text{TiO}_2\text{/SBA-15}$ Materials. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 1215-1224.	1.2	11
93	Mercurates from a Revised Ionothermal Synthesis Route: The <i>Pseudo</i> -Flux Approach. <i>Inorganic Chemistry</i> , 2016, 55, 6725-6730.	4.0	11
94	Ionic Liquid-Based Low-Temperature Synthesis of Phase-Pure Tetradymite-Type Materials and Their Thermoelectric Properties. <i>Inorganic Chemistry</i> , 2020, 59, 3428-3436.	4.0	11
95	Access to Functionalized Pyrenes, Peropyrenes, Terropyrenes, and Quarterterropyrenes via Reductive Aromatization. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 13631-13635.	13.8	11
96	Air-stable helical bis(cyclopentadienylphosphazene) complexes of divalent ytterbium. <i>Mendeleev Communications</i> , 2010, 20, 197-199.	1.6	10
97	Axial Functionalization of Sterically Hindered Titanium Phthalocyanines. <i>Inorganic Chemistry</i> , 2012, 51, 2709-2717.	4.0	10
98	The New NH-Acid $\text{HN}(\text{C}_6\text{F}_5)(\text{C}(\text{CF}_3)_3)$ and Its Crystalline and Volatile Alkaline and Earth Alkaline Metal Salts. <i>Inorganic Chemistry</i> , 2014, 53, 3839-3846.	4.0	10
99	Basicity Enhancement by Multiple Intramolecular Hydrogen Bonding in Organic Superbase N_4N_6 -Tetrakis(3-(dimethylamino)propyl)triaminophosphazene. <i>Organic Letters</i> , 2019, 21, 9142-9146.	4.6	10
100	Synthesis and Investigations of the Crystal Structure of a Dinuclear Diazadiene Molybdenum Oxo-Imido Complex with a Unique $\text{N}_3\text{Mo}(\mu_4\text{-O})_2\text{MoN}_3$ Core. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4902-4906.	2.0	9
101	Dramatic enhancement of the stability of rare-earth metal complexes with η^2 -methyl substituted N,N-dimethylbenzylamine ligands. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 2738-2746.	1.8	9
102	Tetrahydropentalenyl-phosphazene constrained geometry complexes of rare-earth metal alkyls. <i>Dalton Transactions</i> , 2014, 43, 7109-7120.	3.3	9
103	Homoleptic Group 13 Trimethylsilylchalcogenolato Metalates $[\text{M}(\text{ESiMe}_3)_4]^{+}$ (M = Ga, In; E = S, Se): Metastable Precursors for Low-Temperature Syntheses of Chalcogenide-Based Materials. <i>Inorganic Chemistry</i> , 2019, 58, 15385-15392.	4.0	9
104	<i>ortho</i> -Directed Dilithiation of Hexaphenyl-carbodiphosphorane. <i>Organometallics</i> , 2020, 39, 3789-3793.	2.3	9
105	Solvent-Induced Bond-Bending Isomerism in Hexaphenyl Carbodiphosphorane: Decisive Dispersion Interactions in the Solid State. <i>Inorganic Chemistry</i> , 2020, 59, 12054-12064.	4.0	9
106	Niob- und Tantal-Komplexe des N-metallierten Hexamethylimidophosphorsäuretriamids und des Tris-tert-butyliminophosphorans. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999, 625, 1315-1320.	1.2	8
107	Synthetic, spectroscopic, and structural studies on organoimido molybdenum, tungsten, and rhenium phthalocyanines. <i>Dalton Transactions</i> , 2011, 40, 1183-1188.	3.3	8
108	Optical and Electrochemical Properties of Anthraquinone Imine Based Dyes for Dye-Sensitized Solar Cells. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 756-767.	2.4	8

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109	Phosphorbisylid: Eine neue Klasse von Superbasen mit zwei superbasischen Kohlenstoffatomen in räumlicher Nähe. <i>Angewandte Chemie</i> , 2017, 129, 3136-3139.	2.0	8
110	Cu(I) Complexes of Multidentate N,C,N- and P,C,P-Carbodiphosphorane Ligands and Their Photoluminescence. <i>Molecules</i> , 2020, 25, 3990.	3.8	8
111	Soluble Molybdenum(V) Imido Phthalocyanines and Pyrazinoporphyrazines: Crystal Structure, UV-vis and Electron Paramagnetic Resonance Spectroscopic Studies. <i>Inorganic Chemistry</i> , 2013, 52, 4451-4457.	4.0	7
112	Homoleptic trimethylsilylchalcogenolato zincates $[Zn(ESiMe_3)_3]^{2+}$ and stannanides $[Sn(ESiMe_3)_3]^{2+}$ (E = S, Se): precursors in solution-based low-temperature binary metal chalcogenide and Cu_2ZnSnS_4 (CZTS) synthesis. <i>Dalton Transactions</i> , 2020, 49, 2517-2526.	3.3	7
113	Laser-Driven One- and Two-Dimensional Subwavelength Periodic Patterning of Thin Films Made of a Metal-Organic MoS_2 Precursor. <i>ACS Nano</i> , 2022, 16, 10412-10421.	14.6	7
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