

Axel Klein

List of Publications by Year in descending order

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220
papers

5,109
citations

94415

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149686

56
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all docs

229
docs citations

229
times ranked

4662
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of Mixed-Valence Chemistry: Inventing New Analogues of the Creutz-Taube Ion. <i>Accounts of Chemical Research</i> , 2000, 33, 755-763.	15.6	331
2	The $\hat{\nu}$ in $18 + \hat{\nu}$ Electron Complexes: Importance of the Metal/Ligand Interface for the Substitutional Reactivity of $\hat{\nu}$ -Complexes ($\hat{\nu}$ -diimine)- $\text{Re}(\text{CO})_3(\text{X})$. <i>Organometallics</i> , 1996, 15, 236-244.	2.3	167
3	A Five-Coordinate Nickel(II) Fluoroalkyl Complex as a Precursor to a Spectroscopically Detectable Ni(III) Species. <i>Journal of the American Chemical Society</i> , 2013, 135, 8141-8144.	13.7	116
4	Axial Shielding of 5d8 and 5d7 Metal Centers in Dimesitylplatinum Complexes with Unsaturated Chelate Ligands: Spectroscopic and Spectroelectrochemical Studies of Four Different Oxidation States. <i>Organometallics</i> , 1995, 14, 1176-1186.	2.3	98
5	Electron transfer in organonickel complexes of $\hat{\nu}$ -diimines: Versatile redox catalysts for $\text{C}=\text{C}$ or $\text{C}=\text{P}$ coupling reactions – A review. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3156-3166.	1.8	98
6	Role of the Bridging Arylethynyl Ligand in Bi- and Trinuclear Ruthenium and Iron Complexes. <i>Organometallics</i> , 2006, 25, 635-643.	2.3	93
7	Electrochemistry and spectroelectrochemistry (EPR, UV-visible-near-IR) of platinum(II) 2,2'-bipyridine and ring-metalated bipyridine complexes: $\text{Pt}(\text{L})_2$ and $\text{Pt}(\text{L})_2$ but not $\text{Pt}(\text{L})_2$. <i>Inorganic Chemistry</i> , 1992, 31, 5084-5088.	4.0	78
8	Electronic Structure of $\hat{\nu}$ -Conjugated Redox Systems with Borane/Borataalkene End Groups. <i>Inorganic Chemistry</i> , 1996, 35, 3039-3043.	4.0	78
9	Variable Reduction Sequences for Axial (L) and Chelate Ligands ($\hat{\nu}$) in Rhenium(I) Complexes $[(\hat{\nu})\text{Re}(\text{CO})_3(\text{L})]_n$. <i>Inorganic Chemistry</i> , 1998, 37, 5664-5671.	4.0	76
10	Complex Reduction Chemistry of $(\text{abpy})\text{PtCl}_2$, $\text{abpy} = 2,2'$ -Azobispyridine: Formation of Cyclic $[(1/4, 2:1-\text{abpy})\text{PtCl}]^{2+}$ with a New Coordination Mode for abpy and a Near-Infrared Ligand-to-Ligand Intervalence Charge Transfer Absorption of the One-Electron Reduced State. <i>Inorganic Chemistry</i> , 2004, 43, 5973-5980.	4.0	72
11	Electrospun Black Titania Nanofibers: Influence of Hydrogen Plasma-Induced Disorder on the Electronic Structure and Photoelectrochemical Performance. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18835-18842.	3.1	68
12	Electrochemical, spectroscopic and EPR study of transition metal complexes of dipyrido[3,2-a:2',3'-c]phenazine. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 2595-2600.	1.1	67
13	Magnitudes of Electron-Withdrawing Effects of the Trifluoromethyl Ligand in Organometallic Complexes of Copper and Nickel. <i>Organometallics</i> , 2010, 29, 1451-1456.	2.3	64
14	Ligand-to-ligand charge transfer states and photochemical bond homolysis in metal-carbon bonded platinum complexes. <i>Coordination Chemistry Reviews</i> , 2002, 230, 193-211.	18.8	61
15	The Electrochemical Behaviour of Organonickel Complexes: Mono-, Di- and Trivalent Nickel. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 965-976.	2.0	59
16	Structural Basis for Unusually Long Wavelength Charge Transfer Transitions in Complexes $[\text{MCl}(\text{ECH}_2\text{CH}_2\text{NMe}_2)(\text{PR}_3)]$ (E = Te, Se; M = Pt, Pd): Experimental Results and TD-DFT Calculations. <i>Inorganic Chemistry</i> , 2002, 41, 2864-2870.	4.0	56
17	Non-covalent intramolecular interactions through ligand-design promoting efficient photoluminescence from transition metal complexes. <i>Coordination Chemistry Reviews</i> , 2020, 405, 213094.	18.8	53
18	Different orbital occupation by an added single electron in 1,10-phenanthroline and its 3,4,7,8-tetramethyl derivative. Evidence from electron paramagnetic resonance spectroscopy of the anion radicals and of their dimesitylplatinum(II) complexes. X-Ray molecular structure of dimesityl(1,10-phenanthroline)platinum(II). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 2121-2126.	0.9	52

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19	Cyclooctadienemethylplatinum complexes: synthesis, reactivity, molecular structure and spectroscopic properties of the organometallic hydroxoplatinum(II) complex [(COD)PtMe(OH)]. <i>Journal of Organometallic Chemistry</i> , 1999, 592, 128-135.	1.8	52
20	π* Molecular Orbital Crossing a ₂ (π*)/b ₁ (π*) in 1,10-Phenanthroline Derivatives. Ab Initio Calculations and EPR/ENDOR Studies of the 4,7-Diaza-1,10-phenanthroline Radical Anion and Its M(CO) ₄ Complexes (M = Tj ETQq0 0.0 rgBT / Overlock 10	4.0	61
21	2,2'-Azobis(pyridine) (abpy) as a multiply reducible tetradentate ligand. EPR evidence for the configurational dependence of intramolecular electron transfer in the stereoisomeric tris-chelate ruthenium complexes [Ru(abpy) _n (bpy) _{3-n}] ^m (n = 2, 3; m = 2+ to 3-). <i>Inorganic Chemistry</i> , 1993, 32, 3362-3368.	4.0	50
22	Exploring Mechanisms in Ni Terpyridine Catalyzed C=C Cross-Coupling Reactions—A Review. <i>Inorganics</i> , 2018, 6, 18.	2.7	49
23	Electrochemistry, electron spin resonance, optical spectroscopy, and reactivity of organometallic platinum(II) complexes containing strongly π-accepting aromatic 1±-diimine ligands. <i>Journal of Organometallic Chemistry</i> , 1992, 436, 367-378.	1.8	48
24	On the Question of Mixed-Valent States in Ligand-Bridged Dinuclear Organoplatinum Compounds [RkPt(1/4-L)PtRk] _n , k = 2 or 4. <i>Organometallics</i> , 1998, 17, 3532-3538.	2.3	48
25	Reactions of New Organoplatinum(II) and -(IV) Complexes of 1,4-Diaza-1,3-butadienes with Light and Electrons. Emission vs Photochemistry and the Electronic Structures of Ground, Reduced, Oxidized, and Low-Lying Charge-Transfer Excited States. <i>Organometallics</i> , 1998, 17, 237-247.	2.3	47
26	Investigation of the Ligand Exchange Behavior of Square-Planar Nickel(II) Complexes by X-ray Absorption Spectroscopy and X-ray Diffraction. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 839-852.	2.0	47
27	Tris(tri-tert-butylsilyl)digallanyl(tBu ₃ Si) ₃ Ga ₂ : A New Type of Compound for a Heavy Group 13 Element. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 1213-1215.	4.4	44
28	Halide Ligands—More Than Just σ-Donors? A Structural and Spectroscopic Study of Homologous Organonickel Complexes. <i>Inorganic Chemistry</i> , 2008, 47, 11324-11333.	4.0	44
29	Cyclometallated platinum complexes with thienyl imines. X-ray crystal structure of [PtMe{3-(PhCH ₂ NCH)C ₄ H ₂ S}PPh ₃]. <i>Journal of Organometallic Chemistry</i> , 2000, 601, 22-33.	1.8	43
30	Structural Variety and Multiple Isomerism in 1-(Dimethylamino)propyl-2-chalcogenolate and 2-(Dimethylamino)propyl-1-chalcogenolate Complexes of Palladium(II) and Platinum(II): Synthesis, Spectroscopy and Structures. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 4510-4520.	2.0	42
31	Electronic structure of radical anionic binuclear organoplatinum complexes. A multiple frequency EPR investigation. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 2979-2984.	1.7	41
32	New Rare Earth Metal Complexes with Nitrogen-Rich Ligands: 5,5'-bis(tetrazolate) and 1,3-bis(tetrazolate-5-yl)triazenate—On the Borderline between Coordination and the Formation of Salt-Like Compounds. <i>Chemistry - A European Journal</i> , 2008, 14, 3727-3736.	3.3	41
33	Cyclometalated Pt Complexes of CNC Pincer Ligands: Luminescence and Cytotoxic Evaluation. <i>Organometallics</i> , 2020, 39, 746-756.	2.3	41
34	The Stable Diiron(2.5) Complex Ion [(NC) ₅ Fe(1/4-tz)Fe(CN) ₅] ⁵⁻ , tz = 1,2,4,5-Tetrazine, and Its Neighboring Oxidation States. <i>Inorganic Chemistry</i> , 2001, 40, 2256-2262.	4.0	40
35	Proof of Innocence for the Quintessential Noninnocent Ligand TCNQ in Its Tetranuclear Complex with Four [fac-Re(CO) ₃ (bpy)] ⁺ Groups: A Unusually Different Reactivity of the TCNX Ligands (TCNX = Tj ETQq1 1 0.784314 rgBT / Overlock 10	4.0	40
36	Electrochemistry and Spectroscopy of Organometallic Terpyridine Nickel Complexes. <i>Inorganic Chemistry</i> , 2009, 48, 9947-9951.	4.0	40

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37	Reduced and Excited States of (bpym)[PtCl ₂] _n (bpym = 2,2'-Bipyrimidine; n = 1, 2): Experiments and DFT Calculations. <i>Inorganic Chemistry</i> , 2002, 41, 4139-4148.	4.0	39
38	Electronic and molecular structure of 2,2'-bipyrimidine-bridged bis(organoplatinum) complexes in various oxidation states. Radical-bridged diplatinum species and the absence of a Pt(III)/Pt(II) mixed-valent intermediate. <i>Inorganica Chimica Acta</i> , 1997, 264, 269-278.	2.4	37
39	What a Difference Ancillary Thienyl Makes: An Unexpected Additional Stabilization of the Diruthenium(III,II) but Not the Diosmium(III,II) Mixed-Valent State in Tetrazine Ligand-Bridged Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6172-6174.	4.0	36
40	Trap engineering in solution processed PbSe quantum dots for high-speed MID-infrared photodetectors. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5658-5669.	5.5	36
41	2,5-Bis(1-phenyliminoethyl)pyrazine (bpip): a conjugated metal-metal bridging acceptor ligand and its homodinuclear complexes with low-valent metal centres. <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 575-582.	1.1	34
42	Synthesis, Spectroscopic Properties, and Crystal Structure of 2,2'-Bipyridyldimesitylnickel(II). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2001, 627, 645-650.	1.2	34
43	Strong Cytotoxicity of Organometallic Platinum Complexes with Alkynyl Ligands. <i>Organometallics</i> , 2013, 32, 3662-3672.	2.3	34
44	Reversible photoswitching between nitrito-N and nitrito-O isomers in trans-[Ru(py) ₄ (NO ₂) ₂]. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 6171.	2.8	33
45	Tuning the electronic properties of dppz-ligands and their palladium(ii) complexes. <i>Dalton Transactions</i> , 2010, 39, 4331.	3.3	33
46	Redox chemistry of copper complexes with various salen type ligands. <i>Inorganica Chimica Acta</i> , 2013, 394, 237-246.	2.4	33
47	Synthesis and antiproliferative activity of a series of new platinum and palladium diphosphane complexes. <i>Dalton Transactions</i> , 2018, 47, 1918-1932.	3.3	33
48	Co-Ligand Involvement in Ground and Excited States of Electron-Rich (Polypyridyl)Pt(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 1917-1938.	2.0	32
49	Multiple Isomerism (cis/trans;syn/anti) in [(dmsO) ₂ Pt(aryl) ₂] Complexes: A Combined Structural, Spectroscopic, and Theoretical Investigation. <i>Organometallics</i> , 2005, 24, 4125-4131.	2.3	32
50	Organometallic palladium and platinum complexes with strongly donating alkyl coligands: Synthesis, structures, chemical and cytotoxic properties. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 1898-1905.	1.8	32
51	Cr/Ni-Catalyzed Vinylation of Aldehydes: A Mechanistic Study on the Catalytic Roles of Nickel and Chromium. <i>Chemistry - A European Journal</i> , 2011, 17, 4765-4773.	3.3	31
52	Synthesis, Characterisation and Luminescent Properties of Mixed-Ligand Copper(I) Complexes Incorporating N-Thiophosphorylated Thioureas and Phosphane Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 4018-4026.	2.0	30
53	Intramolecular hydrogen bonding controls 1,3-N,S- vs. 1,5-S,S'-coordination in Ni(II) complexes of N-thiophosphorylated thioureas RNHC(S)NHP(S)(OiPr) ₂ . <i>Dalton Transactions</i> , 2011, 40, 3142.	3.3	30
54	Linear Bis(perfluoroalkyl) Complexes of Nickel Bipyridine. <i>Organometallics</i> , 2012, 31, 1477-1483.	2.3	30

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55	Qualitatively Different Reactivities of Hydride Reagents toward [(1-5-C5Me5)ClIr]+Cations: \hat{A} Substitution, Electron Transfer (Reduction), or Stepwise Hydrogenation. <i>Organometallics</i> , 2002, 21, 765-769.	2.3	29
56	Interdependence of Structure, Morphology, and Phase Transitions in CVD Grown VO ₂ and V ₂ O ₃ Nanostructures. <i>Chemistry of Materials</i> , 2017, 29, 5877-5885.	6.7	29
57	On the Electronic Structure of Mesitylnickel Complexes of 1,2-Diimines Combining Structural Data, Spectroscopy and Calculations. <i>European Journal of Inorganic Chemistry</i> , 2004, 2004, 2784-2796.	2.0	28
58	Competitive bulk liquid membrane transport and solvent extraction of some metal ions using RC(S)NHP(X)(OiPr) ₂ (X = O, S) as ionophores. Formation of the polynuclear complex of [Ag(Ni \hat{C} ,C \hat{C} NP(S)(OiPr) ₂) _n . <i>Dalton Transactions</i> , 2009, , 8227.	3.3	28
59	Effects of chlorine substituents upon the formation, reactivity and electrochemical properties of platinum(II) and platinum(IV) metallacycles. <i>Journal of Organometallic Chemistry</i> , 1998, 563, 179-190.	1.8	27
60	Electron Paramagnetic Resonance and Spectroscopic Characteristics of Electrogenerated Mixed-Valent Systems [(1-5-C5Me5)M(1/4-L)M(1-5-C5Me5)] ⁺ (M = Rh, Ir; L = 2,5-Diiminopyrazines) in Relation to the Radicals [(1-5-C5Me5)ClM(1/4-L)MCl(1-5-C5Me5)] ⁺ and [(1-5-C5Me5)M(1/4-L)MCl(1-5-C5Me5)] ₂ ⁺ . <i>Inorganic Chemistry</i> , 2000, 39, 2516-2521.	4.0	27
61	Spectroscopy and photochemical reactivity of cyclooctadiene platinum complexes. <i>Journal of Organometallic Chemistry</i> , 2001, 620, 202-210.	1.8	27
62	Resonance Raman spectra of d6 metal-1,2-diimine complexes reflect changes in metal-ligand interaction and character of electronic transition. <i>Coordination Chemistry Reviews</i> , 2001, 219-221, 937-955.	18.8	27
63	Interconversion of structurally characterised complexes [PdCl(Se \hat{A} , N)] ₂ and [Pd(Se \hat{A} , N)] ₆ with the hemi-labile ligand Se \hat{A} , N=Me ₂ NCH ₂ CH ₂ Se \hat{A} . <i>Inorganic Chemistry Communication</i> , 2004, 7, 601-603.	3.9	27
64	Intramolecular hydrogen bond controlled coordination of N-thiophosphorylated thiourea 2,6-Me ₂ C ₆ H ₃ NHC(S)NHP(S)(OiPr) ₂ with Ni(II). <i>Inorganic Chemistry Communication</i> , 2009, 12, 678-681.	3.9	27
65	Organoplatinum(II) and -palladium(II) Complexes of Nucleobases and Their Derivatives. <i>Organometallics</i> , 2009, 28, 3906-3915.	2.3	27
66	Tri(allyl)- and tri(methylallyl)arsine complexes of palladium(ii) and platinum(ii): synthesis, spectroscopy, photochemistry and structures. <i>New Journal of Chemistry</i> , 2003, 27, 1584.	2.8	26
67	Thiolato-bridged \hat{C} Linear \hat{C} trinuclear platinum complexes [Pt ₃ (1/4-SR) ₄ (dppm) ₂] ₂ ⁺ . <i>Inorganica Chimica Acta</i> , 2004, 357, 2134-2142.	2.4	26
68	Oxidative Cleavage of CH ₃ and CF ₃ Radicals from BOXAM Nickel Complexes. <i>Organometallics</i> , 2012, 31, 5334-5341.	2.3	26
69	The cyclometalated nickel complex [(Phbpy)NiBr] (Phbpy = 2,2'-bipyridine-6-phen-2-yl) \hat{C} Synthesis, spectroscopic and electrochemical studies. <i>Journal of Organometallic Chemistry</i> , 2014, 774, 86-93.	1.8	26
70	Binuclear doubly cyclometallated platinum-(II) and -(IV) compounds \hat{C} . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 1629-1638.	1.1	25
71	Oxido Pincer Ligands - Exploring the Coordination Chemistry of Bis(hydroxymethyl)pyridine Ligands for the Late Transition Metals. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 2271-2281.	2.0	25
72	One-dimensional ladder like and two-dimensional polymorphs of heterometallic thiocyanate bridged copper(II) and mercury(II) coordination polymer: Syntheses, structural, vibration, luminescence and EPR studies. <i>Inorganica Chimica Acta</i> , 2011, 366, 184-190.	2.4	25

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73	Tetrel Bonding and Other Non-Covalent Interactions Assisted Supramolecular Aggregation in a New Pb(II) Complex of an Isonicotinohydrazide. <i>Molecules</i> , 2020, 25, 4056.	3.8	25
74	Antibacterial Ag containing core-shell polyvinyl alcohol-poly (lactic acid) nanofibers for biomedical applications. <i>Polymer Engineering and Science</i> , 2020, 60, 1221-1230.	3.1	25
75	Cyclooctadienemethylpalladium complexes: synthesis, structures and reactivity. <i>Inorganica Chimica Acta</i> , 2003, 343, 189-201.	2.4	24
76	Geometrical and Electronic Structures of Dinuclear Complex Ions $\{(\eta^4\text{-bpym})[\text{Cu}(\text{EAr}_3)_2]_2\}^{2+}$ with Intramolecular π -Organic Sandwich-Formation (E = P or As; Ar = Aryl; bpym = 2,2'-Bipyrimidine). <i>Inorganic Chemistry</i> , 2005, 44, 4637-4643.	4.0	23
77	Versatile coordination of N-(diisopropoxyphosphoryl)-p-bromothiobenzamide towards Zn(II) and Cd(II). <i>Polyhedron</i> , 2009, 28, 1504-1510.	2.2	23
78	Platinum Diolefin Complexes – Synthesis, Structures, and Cytotoxicity. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 226-239.	2.0	23
79	Organometallic platinum(ii) complexes of methyl-substituted phenanthrolines. <i>Dalton Transactions RSC</i> , 2002, , 2371.	2.3	22
80	Configurational selectivity in benzyldimethylarsine complexes of palladium(II) and platinum(II): synthesis, spectroscopy and structures. <i>Inorganica Chimica Acta</i> , 2003, 346, 119-128.	2.4	22
81	Cyclometalated Ni(II) Complexes $[\text{Ni}(\text{N}^{\wedge}\text{C}^{\wedge}\text{N})\text{X}]$ of the Tridentate 2,6-di(2-pyridyl)phen-ide Ligand. <i>Organometallics</i> , 2020, 39, 2820-2829.	2.3	22
82	Long-lived higher excited state luminescence from new ruthenium(II)-allenylidene complexes. <i>Journal of Organometallic Chemistry</i> , 2003, 670, 137-143.	1.8	21
83	A Roadmap to Uranium Ionic Liquids: Anti-Crystal Engineering. <i>Chemistry - A European Journal</i> , 2014, 20, 6482-6493.	3.3	21
84	Photophysics and Excited State Dynamics of Cyclometalated $[\text{M}(\text{Phppy})(\text{CN})]$ (M = Ni, Pd, Pt) Complexes: A Theoretical and Experimental Study. <i>Inorganic Chemistry</i> , 2021, 60, 8777-8789.	4.0	21
85	Participation of Co-Ligands in Electronic Transitions of Platinum(II) Diazabutadiene Complexes. <i>Inorganic Chemistry</i> , 2002, 41, 5216-5225.	4.0	20
86	On the Borderline between cis and trans in Organometallic(Phosphane)platinum(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4056-4063.	2.0	20
87	Luminescent Pt(II) Complexes of Tridentate Cyclometalating 2,5-Bis(aryl)-pyridine Ligands. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5215-5223.	2.0	20
88	Nickel-Alkyl Complexes with a Reactive Pincer Ligand. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2408-2418.	2.0	20
89	Nanoparticles and Thin Films of Silver from Complexes of Derivatives of N-(Diisopropylthiophosphoryl)thioureas. <i>Chemistry of Materials</i> , 2009, 21, 4233-4240.	6.7	19
90	Redox Series of Cyclometalated Nickel Complexes $[\text{Ni}(\text{R}^1\text{Ph}(\text{R}^2)\text{bpy})\text{Br}]^+/\text{Ni}(\text{R}^1\text{Ph}(\text{R}^2)\text{bpy})^0$. <i>Journal of Organometallic Chemistry</i> , 2019, 915, 23-30.	2.3	19

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91	Molecular and Crystal Structure of an Organoplatinum(II) Complex with Dipyrido[3,2-a:6'-b]phenazine (dppz). <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1999, 625, 1177-1180.	1.2	18
92	Aggregation control of copper(I) thiolates through substituent size and ancillary chelate ligands: closely related mono-, di-, tri- and tetranuclear complexes. <i>Inorganica Chimica Acta</i> , 2001, 324, 336-341.	2.4	18
93	Synthesis, spectroscopy, structure and photophysical properties of dinaphthylmethylarsine complexes of palladium(II) and platinum(II). <i>Inorganica Chimica Acta</i> , 2005, 358, 2609-2617.	2.4	18
94	Cytosine Binding in the Novel Organoplatinum(II) Complex [(COD)PtMe(cytosine)](SbF ₆). <i>Organometallics</i> , 2007, 26, 230-233.	2.3	18
95	The influence of an intramolecular hydrogen bond on the 1,3-N,S-coordination of crown ether-containing N-phosphorylthiourea with Ni(II). <i>New Journal of Chemistry</i> , 2009, 33, 2443.	2.8	18
96	Oxidation states and photoinduced metastable states in [Fe(CO) ₂ (NO) ₂]. <i>Polyhedron</i> , 2010, 29, 2553-2559.	2.2	18
97	Nitrogen-Nitrogen Bond Formation via a Substrate-Bound Anion at a Mononuclear Nickel Platform. <i>Organometallics</i> , 2018, 37, 521-525.	2.3	18
98	Cycloaddition of CO ₂ with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). <i>New Journal of Chemistry</i> , 2019, 43, 15585-15595.	2.8	18
99	Platinum and palladium complexes of tridentate C ⁺ N ⁻ N (phen-ide)-pyridine-thiazol ligands: A case study involving spectroelectrochemistry, photoluminescence spectroscopy and TD-DFT calculations. <i>Inorganica Chimica Acta</i> , 2021, 518, 120093.	2.4	18
100	Synthesis of New Ln ₃ Bi ₂ Se ₃ (Ln: Tj, Er, Yb) Topological Anomalous Semiconductors. <i>Journal of Solid State Chemistry</i> , 2011, 24, 2177-2187.	1.2	17
101	Investigation of Their Optical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2011, 637, 87-93.	1.2	17
102	The Me ₃ NB ₁₂ Cl ₁₁ Radical: A Strong One-Electron Oxidizing Agent. <i>Chemistry - A European Journal</i> , 2016, 22, 16032-16036.	3.3	17
103	Synthesis of Disentangled Ultra-High Molecular Weight Polyethylene using Vanadium(V)-Based Catalysts. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2018, 644, 993-998.	1.2	17
104	Chemistry of C-Trimethylsilyl-Substituted Heterocarboranes. 31. New Insights into Reaction Pathways of Carborane Ligand Systems: A Synthetic, Structural, Spectroscopic, and Electrochemical Studies on Sandwich and Half-Sandwich Metallocarboranes of Iron, Cobalt, and Nickel. <i>Organometallics</i> , 2005, 24, 2177-2187.	2.3	16
105	Hierarchical Ti-Based MOF with Embedded RuO ₂ Nanoparticles: a Highly Efficient Photoelectrode for Visible Light Water Oxidation. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18366-18376.	6.7	16
106	EPR study of electron transfer and group transfer in organoplatinum(II) and (IV) compounds. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 2573-2578.	0.9	15
107	Influence of the variation of the co-ligands on the electronic transitions and emission properties of [Pt(II)(CH ₃) ₃ (iPr-DAB)], [Pt(CH ₃) ₄ (diimine)] and [Pt(SnPh ₃) ₂ (CH ₃) ₂ (iPr-DAB)]: an experimental and theoretical study. <i>Dalton Transactions RSC</i> , 2002, , 218-225.	2.3	15
108	Hydrothermal Synthesis of Nd ^{III} -Doped Bi ₂ Se ₃ Nanoflowers and their Physical Properties. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2009, 635, 2053-2057.	1.2	15
109	Synthesis and characterization of [H ₂ NC(S)NP(S)(OiPr) ₂] ⁺ complexes of Co(II), Ni(II), Zn(II) and Cd(II). <i>Inorganica Chimica Acta</i> , 2011, 365, 32-37.	2.4	15

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