

# Werner Kaminsky

## List of Publications by Year in descending order

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332  
papers

10,618  
citations

41258

49  
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53109

85  
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355  
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355  
docs citations

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times ranked

11257  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hirshfeld Surfaces Identify Inadequacies in Computations of Intermolecular Interactions in Crystals: Pentamorphic 1,8-Dihydroxyanthraquinone. <i>Crystal Growth and Design</i> , 2008, 8, 4517-4525.	1.4	482
2	New n-Type Organic Semiconductors: Synthesis, Single Crystal Structures, Cyclic Voltammetry, Photophysics, Electron Transport, and Electroluminescence of a Series of Diphenylanthrazolines. <i>Journal of the American Chemical Society</i> , 2003, 125, 13548-13558.	6.6	272
3	Achieving 19% Power Conversion Efficiency in Planar Mixed Heterojunction Organic Solar Cells Using a Pseudosymmetric Electron Acceptor. <i>Advanced Materials</i> , 2022, 34, .	11.1	271
4	A Non-fullerene Acceptor with Enhanced Intermolecular $\pi$ -Core Interaction for High-Performance Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2020, 142, 15246-15251.	6.6	257
5	Filamentous Bacteriophage Promote Biofilm Assembly and Function. <i>Cell Host and Microbe</i> , 2015, 18, 549-559.	5.1	235
6	Blue-Light-Emitting Oligoquinolines: Synthesis, Properties, and High-Efficiency Blue-Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2007, 17, 863-874.	7.8	233
7	Divalent Osmium Complexes: Synthesis, Characterization, Strong Red Phosphorescence, and Electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2002, 124, 14162-14172.	6.6	218
8	From CIF to virtual morphology using the WinXMorph program. <i>Journal of Applied Crystallography</i> , 2007, 40, 382-385.	1.9	200
9	WinXMorph: a computer program to draw crystal morphology, growth sectors and cross sections with export files in VRML V2.0 utf8-virtual reality format. <i>Journal of Applied Crystallography</i> , 2005, 38, 566-567.	1.9	191
10	Systematic Study of the Structure-Property Relationship of a Series of Ferrocenyl Nonlinear Optical Chromophores. <i>Journal of the American Chemical Society</i> , 2005, 127, 2758-2766.	6.6	168
11	Single-Crystal and Electronic Structure of a 1.3 nm Indium Phosphide Nanocluster. <i>Journal of the American Chemical Society</i> , 2016, 138, 1510-1513.	6.6	164
12	An automatic optical imaging system for birefringent media. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 1996, 452, 2751-2765.	1.0	160
13	Enantioselective Palladium-Catalyzed Diamination of Alkenes Using <i>N</i> -Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2013, 135, 8854-8856.	6.6	160
14	A Stable Five-Coordinate Platinum(IV) Alkyl Complex. <i>Journal of the American Chemical Society</i> , 2001, 123, 6423-6424.	6.6	136
15	Oxidatively Induced Reductive Elimination from ( <i>t</i> -Bu) <sub>2</sub> Pd(Me) <sub>2</sub> : Palladium(IV) Intermediates in a One-Electron Oxidation Reaction. <i>Journal of the American Chemical Society</i> , 2009, 131, 15618-15620.	6.6	128
16	C $\alpha$ -N Bond Formation on Addition of Aryl Carbanions to the Electrophilic Nitrido Ligand in TpOs(N)Cl <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2001, 123, 1059-1071.	6.6	119
17	Pyrroline Chromophores for Electro-Optics. <i>Chemistry of Materials</i> , 2006, 18, 2982-2988.	3.2	114
18	$\eta^5$ -Borane Complexes of Iridium: Synthesis and Structural Characterization. <i>Journal of the American Chemical Society</i> , 2008, 130, 10812-10820.	6.6	114

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19	Experimental and phenomenological aspects of circular birefringence and related properties in transparent crystals. Reports on Progress in Physics, 2000, 63, 1575-1640.	8.1	113
20	Polarimetric imaging of crystals. Chemical Society Reviews, 2004, 33, 514.	18.7	111
21	Structural Plasticity of Malaria Dihydroorotate Dehydrogenase Allows Selective Binding of Diverse Chemical Scaffolds. Journal of Biological Chemistry, 2009, 284, 26999-27009.	1.6	107
22	Circular Dichroism Imaging Microscopy: Application to Enantiomorphous Twinning in Biaxial Crystals of 1,8-Dihydroxyanthraquinone. Journal of the American Chemical Society, 2003, 125, 14825-14831.	6.6	104
23	Structure and Solution Reactivity of (Triethylsilylium)triethylsilane Cations. Organometallics, 2013, 32, 7478-7481.	1.1	98
24	Fluorine Modulates Species Selectivity in the Triazolopyrimidine Class of <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenase Inhibitors. Journal of Medicinal Chemistry, 2014, 57, 5381-5394.	2.9	98
25	$\eta^2$ -Diiminate Platinum Complexes for Alkane Dehydrogenation. Journal of the American Chemical Society, 2003, 125, 15286-15287.	6.6	97
26	How Does Single Oxygen Atom Addition Affect the Properties of an Fe <sup>II</sup> Nitrile Hydratase Analogue? The Compensatory Role of the Unmodified Thiolate. Journal of the American Chemical Society, 2006, 128, 11211-11221.	6.6	93
27	Optical Rotation of Achiral Compounds. Angewandte Chemie - International Edition, 2008, 47, 5706-5717.	7.2	90
28	Mechanism of Copper-Catalyzed Hydroalkylation of Alkynes: An Unexpected Role of Dinuclear Copper Complexes. Journal of the American Chemical Society, 2015, 137, 7747-7753.	6.6	86
29	Images of absolute retardance $L\Delta$ , using the rotating polariser method. Journal of Microscopy, 2000, 198, 1-9.	0.8	79
30	Preparation of a Dihydrogen Complex of Cobalt. Angewandte Chemie - International Edition, 2011, 50, 1873-1876.	7.2	79
31	Synthesis and Characterization of Ruthenium Bis( $\eta^2$ -diketonato) Pyridine-Imidazole Complexes for Hydrogen Atom Transfer. Inorganic Chemistry, 2007, 46, 11190-11201.	1.9	78
32	A Triazolopyrimidine-Based Dihydroorotate Dehydrogenase Inhibitor with Improved Drug-like Properties for Treatment and Prevention of Malaria. ACS Infectious Diseases, 2016, 2, 945-957.	1.8	71
33	The Nature of Young Vein Metasomatism in the Lithosphere of the West Eifel (Germany): Geochemical and Isotopic Constraints from Composite Mantle Xenoliths from the Meerfelder Maar. Journal of Petrology, 1998, 39, 155-185.	1.1	68
34	Slow Hydrogen Atom Transfer Reactions of Oxo- and Hydroxo-Vanadium Compounds: The Importance of Intrinsic Barriers. Journal of the American Chemical Society, 2009, 131, 4729-4743.	6.6	68
35	Why Is There an $\epsilon$ -Metal Center in the Active Site of Nitrile Hydratase? Reactivity and Ligand Dissociation from a Five-Coordinate Co(III) Nitrile Hydratase Model. Journal of the American Chemical Society, 2001, 123, 463-468.	6.6	66
36	Metal-free carbon dioxide reduction and acidic C-H activations using a frustrated Lewis pair. Inorganica Chimica Acta, 2011, 369, 126-132.	1.2	66

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37	A Functional Model for the Cysteinate-Ligated Non-Heme Iron Enzyme Superoxide Reductase (SOR). Journal of the American Chemical Society, 2006, 128, 14448-14449.	6.6	65
38	Structure–function relationship exploration for enhanced thermal stability and electro-optic activity in monolithic organic NLO chromophores. Journal of Materials Chemistry C, 2016, 4, 3119-3124.	2.7	65
39	Investigation into the Crystal Structure of the Perovskite Lead Hafnate, PbHfO <sub>3</sub> . Acta Crystallographica Section B: Structural Science, 1998, 54, 18-28.	1.8	64
40	Hydrogenolysis of Palladium(II) Hydroxide, Phenoxide, and Alkoxide Complexes. Journal of the American Chemical Society, 2011, 133, 17713-17726.	6.6	64
41	3D Systems' Technology Overview and New Applications in Manufacturing, Engineering, Science, and Education. 3D Printing and Additive Manufacturing, 2014, 1, 169-176.	1.4	63
42	Generation and Structural Characterization of a Gold(III) Alkene Complex. Angewandte Chemie - International Edition, 2013, 52, 1660-1663.	7.2	58
43	Syntheses and structural investigation of some alkali metal ion-mediated LW <sub>2</sub> (L <sub>2</sub> = tridentate) Tj ETQq1 1 0.784314 rgBT /Overl Transactions, 2014, 43, 10139.	1.6	58
44	Mesoscale Chiroptics of Rhythmic Precipitates. Journal of the American Chemical Society, 2006, 128, 14234-14235.	6.6	54
45	Metal–Ligand Cooperativity in O <sub>2</sub> Activation: Observation of a $\epsilon$ -Pt–O–O–C–Peroxo Intermediate. Organometallics, 2010, 29, 4749-4751.	1.1	54
46	The Importance of Steric Factors in Iridium Pincer Complexes. Organometallics, 2015, 34, 753-762.	1.1	54
47	Synthesis, structural studies and catalytic activity of dioxidomolybdenum(VI) complexes with aroylhydrazones of naphthol-derivative. Polyhedron, 2014, 67, 1-10.	1.0	53
48	Monomeric and Dimeric Oxidomolybdenum(V and VI) Complexes, Cytotoxicity, and DNA Interaction Studies: Molybdenum Assisted C–N Bond Cleavage of Salophen Ligands. Inorganic Chemistry, 2017, 56, 11190-11210.	1.9	52
49	A facile atom economic one pot multicomponent synthesis of bioactive spiro-indenoquinoxaline pyrrolizines as potent antioxidants and anti-cancer agents. New Journal of Chemistry, 2018, 42, 301-310.	1.4	52
50	The First Example of a Nitrile Hydratase Model Complex that Reversibly Binds Nitriles. Journal of the American Chemical Society, 2002, 124, 11417-11428.	6.6	51
51	Tetrahydro-2-naphthyl and 2-Indanyl Triazolopyrimidines Targeting <i>Plasmodium falciparum</i> Dihydroorotate Dehydrogenase Display Potent and Selective Antimalarial Activity. Journal of Medicinal Chemistry, 2016, 59, 5416-5431.	2.9	50
52	Nitrile Hydration by Thiolate- and Alkoxide-Ligated Co-NHase Analogues. Isolation of Co(III)-Amidate and Co(III)-Iminol Intermediates. Journal of the American Chemical Society, 2011, 133, 3954-3963.	6.6	48
53	Aggregation induced emission (AIE) of trifluoromethyl substituted distyrylbenzenes. Chemical Communications, 2012, 48, 7880.	2.2	48
54	Synthesis and oxidation of Cp*Ir(III) compounds: functionalization of a Cp* methyl group. Dalton Transactions, 2009, , 1972.	1.6	47

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55	A C=C Bonded Phenoxy Radical Dimer with a Zero Bond Dissociation Free Energy. <i>Journal of the American Chemical Society</i> , 2013, 135, 12956-12959.	6.6	47
56	Syntheses and Characterization of Palladium Complexes with a Hemilabile $\sigma$ -PCO Pincer Ligand. <i>Organometallics</i> , 2011, 30, 1627-1636.	1.1	46
57	New $V^{IV}$ , $V^{IV}O$ , $V^{V}O$ , and $V^{V}O_2$ Systems: Exploring their Interconversion in Solution, Protein Interactions, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2020, 59, 14042-14057.	1.9	46
58	Diversion of Catalytic C=N Bond Formation to Catalytic Oxidation of $NH_3$ through Modification of the Hydrogen Atom Abstractor. <i>Journal of the American Chemical Society</i> , 2020, 142, 3361-3365.	6.6	46
59	Crystal optics of D-mannitol, C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> : crystal growth, structure, basic physical properties, birefringence, optical activity, Faraday effect, electro-optic effects and model calculations. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1997, 212, 283-296.	0.4	45
60	Oxidovanadium(V) complexes of aroylhydrazones incorporating heterocycles: synthesis, characterization and study of DNA binding, photo-induced DNA cleavage and cytotoxic activities. <i>RSC Advances</i> , 2015, 5, 51852-51867.	1.7	45
61	Measurement of optical rotation in crystals. <i>Ferroelectrics</i> , 1996, 183, 133-141.	0.3	44
62	Palladium(II) complexes containing ONO tridentate hydrazone for Suzuki-Miyaura coupling of aryl chlorides in aqueous-organic media. <i>RSC Advances</i> , 2015, 5, 59428-59436.	1.7	44
63	Tuning the Properties of the Osmium Nitrido Group in TpOs(N)X <sub>2</sub> by Changing the Ancillary Ligand. <i>Inorganic Chemistry</i> , 2003, 42, 605-611.	1.9	43
64	Absolute Configuration of Beer's Bitter Compounds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1553-1555.	7.2	43
65	Synthesis, Structure, and Reactivity of a Nickel Dihydrogen Complex. <i>Chemistry - A European Journal</i> , 2012, 18, 15932-15934.	1.7	42
66	Pyrazole-Based PCN Pincer Complexes of Palladium(II): Mono- and Dinuclear Hydroxide Complexes and Ligand Rollover C-H Activation. <i>Organometallics</i> , 2015, 34, 3998-4010.	1.1	42
67	Regiospecific <i>i</i> -alkyl substitution tunes the molecular packing of high-performance non-fullerene acceptors. <i>Materials Horizons</i> , 2022, 9, 403-410.	6.4	42
68	Steric and Electronic Control over the Reactivity of a Thiolate-Ligated Fe(II) Complex with Dioxygen and Superoxide: A Reversible $\mu_4$ -Oxo Dimer Formation. <i>Inorganic Chemistry</i> , 2004, 43, 7682-7690.	1.9	41
69	Herapathite. <i>Science</i> , 2009, 324, 1407-1407.	6.0	41
70	A quantitative collagen fibers orientation assessment using birefringence measurements: Calibration and application to human osteons. <i>Journal of Structural Biology</i> , 2011, 176, 302-306.	1.3	41
71	Evaluation of the cell cytotoxicity and DNA/BSA binding and cleavage activity of some dioxidovanadium(V) complexes containing aroylhydrazones. <i>Journal of Inorganic Biochemistry</i> , 2015, 144, 1-12.	1.5	41
72	A Solution- and Solid-State Investigation of Medium Effects on Charge Separation in Metastable Photomerocyanines. <i>Journal of the American Chemical Society</i> , 2010, 132, 12568-12586.	6.6	39

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73	Ligand-Based Reduction of CO <sub>2</sub> and Release of CO on Iron(II). <i>Inorganic Chemistry</i> , 2012, 51, 9168-9170.	1.9	39
74	Pd( $\eta^2$ ) pincer type complex catalyzed tandem C-H and N-H activation of acetanilide in aqueous media: a concise access to functionalized carbazoles in a single step. <i>Green Chemistry</i> , 2016, 18, 3295-3301.	4.6	39
75	Periodic Trends within a Series of Five-Coordinate Thiolate-Ligated [MII(SMe <sub>2</sub> N <sub>4</sub> (tren))] <sup>+</sup> (M = Mn, Fe.) <i>Tj ETQq1</i> 1 0.784314 rgBT /OV 2007, 46, 9267-9277.	1.9	39
76	Effect of Basic Site Substituents on Concerted Proton-Electron Transfer in Hydrogen-Bonded Pyridyl-Phenols. <i>Journal of Physical Chemistry A</i> , 2012, 116, 12249-12259.	1.1	38
77	Protonation and Concerted Proton-Electron Transfer Reactivity of a Bis-Benzimidazolate Ligated [2Fe $\mu_2$ S] Model for Rieske Clusters. <i>Journal of the American Chemical Society</i> , 2012, 134, 7293-7296.	6.6	38
78	Hydrogen Addition to (pincer)Ir <sup>+</sup> (CO) Complexes: The Importance of Steric and Electronic Factors. <i>Organometallics</i> , 2016, 35, 3546-3556.	1.1	38
79	Modeling the Reactivity of Superoxide Reducing Metalloenzymes with a Nitrogen and Sulfur Coordinated Iron Complex. <i>Inorganic Chemistry</i> , 2001, 40, 5483-5484.	1.9	37
80	Reactions of iridium hydride pincer complexes with dioxygen: new dioxygen complexes and reversible O <sub>2</sub> binding. <i>Chemical Communications</i> , 2008, , 4195.	2.2	37
81	Influence of Thiolate Ligands on Reductive N-O Bond Activation. Probing the O <sub>2</sub> Binding Site of a Biomimetic Superoxide Reductase Analogue and Examining the Proton-Dependent Reduction of Nitrite. <i>Journal of the American Chemical Society</i> , 2011, 133, 1419-1427.	6.6	37
82	Reactions of Five-Coordinate Platinum(IV) Complexes with Molecular Oxygen. <i>Organometallics</i> , 2013, 32, 4752-4758.	1.1	37
83	Platinum(II) Olefin Hydroarylation Catalysts: Tuning Selectivity for the anti-Markovnikov Product. <i>Chemistry - A European Journal</i> , 2014, 20, 17287-17291.	1.7	37
84	How does cyanide inhibit superoxide reductase? Insight from synthetic FeIII <sub>4</sub> S model complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 3671-3676.	3.3	36
85	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbonylhydrazone based on Zn( $\eta^2$ ) complexes. <i>CrystEngComm</i> , 2016, 18, 102-112.	1.3	36
86	Triplet States of the Nonlinear Optical Chromophore DCM in Single Crystals of Potassium Hydrogen Phthalate and Their Relationship to Single-Molecule Dark States. <i>Journal of the American Chemical Society</i> , 2009, 131, 11548-11557.	6.6	35
87	Characterization and Dioxygen Reactivity of a New Series of Coordinatively Unsaturated Thiolate-Ligated Manganese(II) Complexes. <i>Inorganic Chemistry</i> , 2012, 51, 6633-6644.	1.9	35
88	Botulinum Toxin Induces Muscle Paralysis and Inhibits Bone Regeneration in Zebrafish. <i>Journal of Bone and Mineral Research</i> , 2014, 29, 2346-2356.	3.1	35
89	ONO pincer type Pd( $\eta^2$ ) complexes: synthesis, crystal structure and catalytic activity towards C-2 arylation of quinoline scaffolds. <i>RSC Advances</i> , 2015, 5, 77948-77957.	1.7	35
90	Synthesis, structure, antibacterial studies and DFT calculations of arene ruthenium, Cp <sup>*</sup> -Rh, Cp <sup>*</sup> -Ir and tricarbonylrhenium metal complexes containing 2-chloro-3-(3-(2-pyridyl)pyrazolyl)quinoxaline ligand. <i>Inorganica Chimica Acta</i> , 2016, 441, 95-108.	1.2	35

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91	Optical rotation in RbTiOAsO <sub>4</sub> (point group mm <sup>2</sup> ). Zeitschrift Fur Kristallographie - Crystalline Materials, 2002, 217, 1-7.	0.4	34
92	Optical Rotation of Achiral Pentaerythritol. Journal of the American Chemical Society, 2006, 128, 14746-14747.	6.6	34
93	Oxygen-Oxygen Bond Homolysis in a Novel Titanium(IV) Alkylperoxide Complex, Cp <sub>2</sub> Ti(OOtBu)Cl. Journal of the American Chemical Society, 2002, 124, 14534-14535.	6.6	33
94	The elastic tensor of monoclinic alkali feldspars. American Mineralogist, 2016, 101, 1228-1231.	0.9	33
95	Anionic Dinuclear Oxidovanadium(IV) Complexes with Azo Functionalized Tridentate Ligands and $\mu_4$ -Ethoxido Bridge Leading to an Unsymmetric Twisted Arrangement: Synthesis, X-ray Structure, Magnetic Properties, and Cytotoxicity. Inorganic Chemistry, 2018, 57, 5767-5781.	1.9	33
96	Calculations of optical properties of the tetraphenyl-X family of isomorphous crystals (X = C, Si, Ge). Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.3	31
97	Synthesis and structures of two N,N'-bis(2-pyridinyl)thioureas and N-(2-pyridinyl)-N'-(benzoyl)thiourea. Journal of Molecular Structure, 2002, 605, 9-15.	1.8	31
98	Synthesis, Theoretical Study and Catalytic Application of Oxidometal (Mo or V) Complexes: Unexpected Coordination Due to Ligand Rearrangement through Metal-Mediated C-C Bond Formation. European Journal of Inorganic Chemistry, 2016, 2016, 1604-1618.	1.0	31
99	Reactions of Tp-Os nitrido complexes with the nucleophiles hydroxide and thiosulfate. Inorganica Chimica Acta, 2006, 359, 2842-2849.	1.2	30
100	Synthesis, Protonation, and Reduction of Ruthenium-Peroxo Complexes with Pendent Nitrogen Bases. Inorganic Chemistry, 2012, 51, 10916-10928.	1.9	30
101	Methylplatinum(II) and Molecular Oxygen: Oxidation to Methylplatinum(IV) in Competition with Methyl Group Transfer To Form Dimethylplatinum(IV). Organometallics, 2014, 33, 3227-3230.	1.1	30
102	A Cyclic Ruthenium Benzylidene Initiator Platform Enhances Reactivity for Ring-Expansion Metathesis Polymerization. Journal of the American Chemical Society, 2021, 143, 7314-7319.	6.6	30
103	Title is missing!. Transition Metal Chemistry, 2003, 28, 954-960.	0.7	29
104	Simultaneous false-colour imaging of birefringence, extinction and transmittance at camera speed. Journal of Microscopy, 2007, 228, 153-164.	0.8	29
105	C-H Bond Activation by Cationic Iridium(III) NHC Complexes: A Combined Experimental and Computational Study. Organometallics, 2012, 31, 1879-1887.	1.1	29
106	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(II) halogenide-tetradentate Schiff base complexes. CrystEngComm, 2015, 17, 3493-3502.	1.3	29
107	Structural study of two N(4)-substituted thiosemicarbazones prepared from 1-phenyl-1,2-propanedione-2-oxime and their binuclear nickel(II) complexes. Journal of Molecular Structure, 2002, 608, 135-141.	1.8	28
108	Catalytic Hydroalkylation of Allenes. Angewandte Chemie - International Edition, 2017, 56, 15703-15707.	7.2	28

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109	Enantioselective approach towards the synthesis of spiro-indeno [1,2-b] quinoxaline pyrrolothiazoles as antioxidant and antiproliferative. <i>Tetrahedron Letters</i> , 2018, 59, 2921-2929.	0.7	28
110	Structural, spectral and thermal studies of N-2-(4,6-lutidyl)-N-2-chlorophenylthioureas. <i>Journal of Molecular Structure</i> , 2002, 605, 241-247.	1.8	27
111	Properties of Square-Pyramidal Alkylthiolate Fe(III) Complexes, Including an Analogue of the Unmodified Form of Nitrile Hydratase. <i>Inorganic Chemistry</i> , 2008, 47, 11228-11236.	1.9	27
112	Investigation of the coordination chemistry of multidentate azine Schiff-base ligands towards d6 half-sandwich metal complexes. <i>Journal of Organometallic Chemistry</i> , 2017, 848, 95-103.	0.8	27
113	Chemistry of mixed-ligand oxidovanadium(IV) complexes of aroylhydrazones incorporating quinoline derivatives: Study of solution behavior, theoretical evaluation and protein/DNA interaction. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110786.	1.5	27
114	Osmium Phosphiniminato Complexes: Synthesis, Protonation, Structure, and Redox-Coupled Hydrolytic Scission of N~P Bonds. <i>Inorganic Chemistry</i> , 2003, 42, 4127-4134.	1.9	26
115	Study of the sulfur atom as hydrogen bond acceptor in N(2)-pyridylmethyl-N-arylthioureas. <i>Journal of Chemical Crystallography</i> , 2004, 34, 533-540.	0.5	26
116	Circular Dichroism Tensor of a Triarylmethyl Propeller in Sodium Chlorate Crystals. <i>Journal of the American Chemical Society</i> , 2010, 132, 7454-7465.	6.6	26
117	Computational and experimental methodology for site-matched investigations of the influence of mineral mass fraction and collagen orientation on the axial indentation modulus of lamellar bone. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2013, 28, 195-205.	1.5	26
118	Oxygen-Promoted C-H Bond Activation at Palladium. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6492-6495.	7.2	26
119	Tetranuclear manganese(II) complexes of hydrazone and carbohydrazone ligands: Synthesis, crystal structures, magnetic properties, Hirshfeld surface analysis and DFT calculations. <i>Inorganica Chimica Acta</i> , 2016, 443, 101-109.	1.2	26
120	Neutral and cationic half-sandwich arene d6 metal complexes containing pyridyl and pyrimidyl thiourea ligands with interesting bonding modes: Synthesis, structural and anticancer studies. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4476.	1.7	26
121	Directing Protons to the Dioxygen Ligand of a Ruthenium(II) Complex with Pendent Amines in the Second Coordination Sphere. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 10936-10939.	7.2	25
122	Water-Soluble Fe(II)-H <sub>2</sub> O Complex with a Weak O-H Bond Transfers a Hydrogen Atom via an Observable Monomeric Fe(III)-OH. <i>Journal of the American Chemical Society</i> , 2015, 137, 2253-2264.	6.6	25
123	Crystallographic education in the 21st century. <i>Journal of Applied Crystallography</i> , 2015, 48, 1964-1975.	1.9	25
124	Metal-Assisted Oxo Atom Addition to an Fe(III) Thiolate. <i>Journal of the American Chemical Society</i> , 2017, 139, 119-129.	6.6	25
125	Structural Studies of 2,6-Diacetyl- and 2,6-Diformylpyridine Bis(thiosemicarbazones). <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 10-18.	0.6	24
126	Correlation of KH <sub>2</sub> PO <sub>4</sub> hillock chirality with absolute structure. <i>Journal of Crystal Growth</i> , 2002, 234, 523-528.	0.7	24

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127	Circular Extinction Imaging: Determination of the Absolute Orientation of Embedded Chromophores in Enantiomorphously Twinned LiKSO <sub>4</sub> Crystals. <i>Crystal Growth and Design</i> , 2005, 5, 2117-2123.	1.4	24
128	Activation of an Anilido Ligand for Nucleophilic Aromatic Substitution by an Oxidizing Os(IV) Center. <i>Journal of the American Chemical Society</i> , 2001, 123, 5594-5595.	6.6	23
129	Synthesis, characterization and chemosensitivity studies of half-sandwich ruthenium, rhodium and iridium complexes containing D <sup>9</sup> and D <sup>9</sup> aroylthiourea ligands. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 272-280.	0.8	23
130	Title is missing!. <i>Transition Metal Chemistry</i> , 2002, 27, 724-731.	0.7	22
131	Synthesis, Characterization, and Reactivity of Arene-Stabilized Rhodium Complexes. <i>Organometallics</i> , 2011, 30, 2105-2116.	1.1	22
132	Photolysis of Pincer-Ligated Pd <sup>II</sup> Me Complexes in the Presence of Molecular Oxygen. <i>Organometallics</i> , 2017, 36, 1213-1216.	1.1	22
133	Determination of optical activity in monoclinic crystals of tartaric acid, using the 'tilter' method. <i>Journal of Physics Condensed Matter</i> , 1997, 9, 10829-10842.	0.7	21
134	Optical Rotatory and Circular Dichroic Scattering. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2800-2807.	1.1	21
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