

Werner Kaminsky

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332
papers

8,434
citations

45
h-index

76
g-index

355
ext. papers

9,523
ext. citations

5.5
avg, IF

6.23
L-index

#	Paper	IF	Citations
332	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	3.5	389
331	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, 13548-58	16.4	258
330	Blue-Light-Emitting Oligoquinolines: Synthesis, Properties, and High-Efficiency Blue-Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2007 , 17, 863-874	15.6	226
329	Divalent osmium complexes: synthesis, characterization, strong red phosphorescence, and electrophosphorescence. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14162-72	16.4	200
328	From CIF to virtual morphology using the WinXMorph program. <i>Journal of Applied Crystallography</i> , 2007 , 40, 382-385	3.8	162
327	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	3.8	156
326	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, 2758-66	16.4	155
325	Enantioselective palladium-catalyzed diamination of alkenes using N-fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8854-6	16.4	144
324	A Non-fullerene Acceptor with Enhanced Intermolecular π - π Interaction for High-Performance Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15246-15251	16.4	138
323	Filamentous Bacteriophage Promote Biofilm Assembly and Function. <i>Cell Host and Microbe</i> , 2015 , 18, 549-59	23.4	135
322	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	2.4	133
321	A stable five-coordinate platinum(IV) alkyl complex. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6423-4	16.4	125
320	Single-Crystal and Electronic Structure of a 1.3 nm Indium Phosphide Nanocluster. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1510-3	16.4	118
319	Oxidatively induced reductive elimination from ((t)Bu ₂ bpy)Pd(Me) ₂ : palladium(IV) intermediates in a one-electron oxidation reaction. <i>Journal of the American Chemical Society</i> , 2009 , 131, 15618-20	16.4	118
318	C–N bond formation on addition of aryl carbanions to the electrophilic nitrido ligand in TpOs(N)Cl(2). <i>Journal of the American Chemical Society</i> , 2001 , 123, 1059-71	16.4	110
317	Sigma-borane complexes of iridium: synthesis and structural characterization. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10812-20	16.4	107
316	Pyrroline Chromophores for Electro-Optics. <i>Chemistry of Materials</i> , 2006 , 18, 2982-2988	9.6	103

3 ¹⁵	Experimental and phenomenological aspects of circular birefringence and related properties in transparent crystals. <i>Reports on Progress in Physics</i> , 2000 , 63, 1575-1640	14.4	98
3 ¹⁴	Polarimetric imaging of crystals. <i>Chemical Society Reviews</i> , 2004 , 33, 514-25	58.5	96
3 ¹³	Beta-diiminate platinum complexes for alkane dehydrogenation. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15286-7	16.4	94
3 ¹²	Structural plasticity of malaria dihydroorotate dehydrogenase allows selective binding of diverse chemical scaffolds. <i>Journal of Biological Chemistry</i> , 2009 , 284, 26999-7009	5.4	93
3 ¹¹	Circular dichroism imaging microscopy: application to enantiomorphous twinning in biaxial crystals of 1,8-dihydroxyanthraquinone. <i>Journal of the American Chemical Society</i> , 2003 , 125, 14825-31	16.4	91
3 ¹⁰	How does single oxygen atom addition affect the properties of an Fe-nitrile hydratase analogue? The compensatory role of the unmodified thiolate. <i>Journal of the American Chemical Society</i> , 2006 , 128, 11211-21	16.4	87
3 ⁰⁹	Structure and Solution Reactivity of (Triethylsilylium)triethylsilane Cations. <i>Organometallics</i> , 2013 , 32, 7478-7481	3.8	85
3 ⁰⁸	Fluorine modulates species selectivity in the triazolopyrimidine class of Plasmodium falciparum dihydroorotate dehydrogenase inhibitors. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 5381-94	8.3	79
3 ⁰⁷	Mechanism of Copper-Catalyzed Hydroalkylation of Alkynes: An Unexpected Role of Dinuclear Copper Complexes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 7747-53	16.4	76
3 ⁰⁶	Preparation of a dihydrogen complex of cobalt. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1873-6	16.4	73
3 ⁰⁵	Optical rotation of achiral compounds. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5706-17	16.4	70
3 ⁰⁴	Images of absolute retardance L.Deltan, using the rotating polariser method. <i>Journal of Microscopy</i> , 2000 , 198 (Pt 1), 1-9	1.9	66
3 ⁰³	Synthesis and characterization of ruthenium bis(beta-diketonato) pyridine-imidazole complexes for hydrogen atom transfer. <i>Inorganic Chemistry</i> , 2007 , 46, 11190-201	5.1	64
3 ⁰²	Slow hydrogen atom transfer reactions of oxo- and hydroxo-vanadium compounds: the importance of intrinsic barriers. <i>Journal of the American Chemical Society</i> , 2009 , 131, 4729-43	16.4	63
3 ⁰¹	A functional model for the cysteinylated non-heme iron enzyme superoxide reductase (SOR). <i>Journal of the American Chemical Society</i> , 2006 , 128, 14448-9	16.4	59
3 ⁰⁰	Why is there an "inert" metal center in the active site of nitrile hydratase? Reactivity and ligand dissociation from a five-coordinate Co(III) nitrile hydratase model. <i>Journal of the American Chemical Society</i> , 2001 , 123, 463-8	16.4	59
2 ⁹⁹	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. <i>Journal of Petrology</i> , 1998 , 39, 155-185	3.9	59
2 ⁹⁸	Hydrogenolysis of palladium(II) hydroxide, phenoxide, and alkoxide complexes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17713-26	16.4	58

297	Generation and structural characterization of a gold(III) alkene complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1660-3	16.4	56
296	A Triazolopyrimidine-Based Dihydroorotate Dehydrogenase Inhibitor with Improved Drug-like Properties for Treatment and Prevention of Malaria. <i>ACS Infectious Diseases</i> , 2016 , 2, 945-957	5.5	55
295	Investigation into the Crystal Structure of the Perovskite Lead Hafnate, PbHfO ₃ . <i>Acta Crystallographica Section B: Structural Science</i> , 1998 , 54, 18-28		55
294	Metal-free carbon dioxide reduction and acidic CO ₂ activations using a frustrated Lewis pair. <i>Inorganica Chimica Acta</i> , 2011 , 369, 126-132	2.7	50
293	Metal-Ligand Cooperativity in O ₂ Activation: Observation of a Pt(II)-O-O-Peroxo Intermediate. <i>Organometallics</i> , 2010 , 29, 4749-4751	3.8	49
292	The first example of a nitrile hydratase model complex that reversibly binds nitriles. <i>Journal of the American Chemical Society</i> , 2002 , 124, 11417-28	16.4	49
291	Syntheses and structural investigation of some alkali metal ion-mediated LV(V)O ₂ (-) (L(2-) = tridentate ONO ligands) species: DNA binding, photo-induced DNA cleavage and cytotoxic activities. <i>Dalton Transactions</i> , 2014 , 43, 10139-56	4.3	48
290	Synthesis, structural studies and catalytic activity of dioxidomolybdenum(VI) complexes with arylhydrazones of naphthol-derivative. <i>Polyhedron</i> , 2014 , 67, 1-10	2.7	48
289	Mesoscale chiroptics of rhythmic precipitates. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14234-44	16.4	47
288	Synthesis and oxidation of CpIr(III) compounds: functionalization of a Cp methyl group. <i>Dalton Transactions</i> , 2009 , 1972-83	4.3	46
287	Structure-function relationship exploration for enhanced thermal stability and electro-optic activity in monolithic organic NLO chromophores. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 3119-3124	7.1	45
286	Syntheses and Characterization of Palladium Complexes with a Hemilabile BCO-Pincer Ligand. <i>Organometallics</i> , 2011 , 30, 1627-1636	3.8	44
285	The Importance of Steric Factors in Iridium Pincer Complexes. <i>Organometallics</i> , 2015 , 34, 753-762	3.8	43
284	3D Systems' Technology Overview and New Applications in Manufacturing, Engineering, Science, and Education. <i>3D Printing and Additive Manufacturing</i> , 2014 , 1, 169-176	4	43
283	Nitrile hydration by thiolate- and alkoxide-ligated Co-NHase analogues. Isolation of Co(III)-amidate and Co(III)-iminol intermediates. <i>Journal of the American Chemical Society</i> , 2011 , 133, 3954-63	16.4	43
282	Measurement of optical rotation in crystals. <i>Ferroelectrics</i> , 1996 , 183, 133-141	0.6	42
281	Aggregation induced emission (AIE) of trifluoromethyl substituted distyrylbenzenes. <i>Chemical Communications</i> , 2012 , 48, 7880-2	5.8	40
280	Steric and electronic control over the reactivity of a thiolate-ligated Fe(II) complex with dioxygen and superoxide: reversible mu-oxo dimer formation. <i>Inorganic Chemistry</i> , 2004 , 43, 7682-90	5.1	38

279	Periodic trends within a series of five-coordinate thiolate-ligated [MII(SMe ₂ N ₄ (tren))] ⁺ (M = Mn, Fe, Co, Ni, Cu, Zn) complexes, including a rare example of a stable CuII-thiolate. <i>Inorganic Chemistry</i> , 2007 , 46, 9267-77	5.1	38
278	A C-C bonded phenoxyl radical dimer with a zero bond dissociation free energy. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12956-9	16.4	37
277	Monomeric and Dimeric Oxidomolybdenum(V and VI) Complexes, Cytotoxicity, and DNA Interaction Studies: Molybdenum Assisted C-N Bond Cleavage of Salophen Ligands. <i>Inorganic Chemistry</i> , 2017 , 56, 11190-11210	5.1	37
276	Synthesis, structure, and reactivity of a nickel dihydrogen complex. <i>Chemistry - A European Journal</i> , 2012 , 18, 15932-4	4.8	37
275	Ligand-based reduction of CO ₂ and release of CO on iron(II). <i>Inorganic Chemistry</i> , 2012 , 51, 9168-70	5.1	37
274	A quantitative collagen fibers orientation assessment using birefringence measurements: calibration and application to human osteons. <i>Journal of Structural Biology</i> , 2011 , 176, 302-6	3.4	36
273	Tuning the properties of the osmium nitrido group in TpOs(N)X ₂ by changing the ancillary ligand. <i>Inorganic Chemistry</i> , 2003 , 42, 605-11	5.1	36
272	Tetrahydro-2-naphthyl and 2-Indanyl Triazolopyrimidines Targeting Plasmodium falciparum Dihydroorotate Dehydrogenase Display Potent and Selective Antimalarial Activity. <i>Journal of Medicinal Chemistry</i> , 2016 , 59, 5416-31	8.3	36
271	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	3.8	35
270	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	3.7	35
269	Effect of basic site substituents on concerted proton-electron transfer in hydrogen-bonded pyridyl-phenols. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 12249-59	2.8	35
268	Reactions of iridium hydride pincer complexes with dioxygen: new dioxygen complexes and reversible O ₂ binding. <i>Chemical Communications</i> , 2008 , 4195-7	5.8	35
267	Protonation and concerted proton-electron transfer reactivity of a bis-benzimidazolate ligated [2Fe-2S] model for Rieske clusters. <i>Journal of the American Chemical Society</i> , 2012 , 134, 7293-6	16.4	34
266	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, 12568-86	16.4	34
265	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, 11548-57	16.4	34
264	Reactions of Five-Coordinate Platinum(IV) Complexes with Molecular Oxygen. <i>Organometallics</i> , 2013 , 32, 4752-4758	3.8	33
263	Absolute configuration of beer's bitter compounds. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1553-5	16.4	33
262	Characterization and dioxygen reactivity of a new series of coordinatively unsaturated thiolate-ligated manganese(II) complexes. <i>Inorganic Chemistry</i> , 2012 , 51, 6633-44	5.1	33

261	Crystal optics of D-mannitol, C ₆ H ₁₄ O ₆ : 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	1	33
260	How does cyanide inhibit superoxide reductase? Insight from synthetic FeIIIN ₄ S model complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 3671-6	11.5	33
259	Modeling the reactivity of superoxide reducing metalloenzymes with a nitrogen and sulfur coordinated iron complex. <i>Inorganic Chemistry</i> , 2001 , 40, 5483-4	5.1	33
258	A facile atom economic one pot multicomponent synthesis of bioactive spiro-indenoquinoxaline pyrrolizines as potent antioxidants and anti-cancer agents. <i>New Journal of Chemistry</i> , 2018 , 42, 301-310	3.6	33
257	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	3.7	32
256	Influence of thiolate ligands on reductive N-O bond activation. Probing the O ₂ (-) 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, 1419-27	16.4	32
255	Herapathite. <i>Science</i> , 2009 , 324, 1407	33.3	32
254	Optical rotation of achiral pentaerythritol. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14746-7	16.4	32
253	Synthesis, structure, antibacterial studies and DFT calculations of arene ruthenium, Cp*Rh, Cp*Ir and tricarbonylrhenium metal complexes containing 2-chloro-3-(3-(2-pyridyl)pyrazolyl)quinoxaline ligand. <i>Inorganica Chimica Acta</i> , 2016 , 441, 95-108	2.7	31
252	Platinum(II) olefin hydroarylation catalysts: tuning selectivity for the anti-Markovnikov product. <i>Chemistry - A European Journal</i> , 2014 , 20, 17287-91	4.8	31
251	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	4.2	31
250	Pd(II) 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	10	30
249	Reactions of Tp ^D Os nitrido complexes with the nucleophiles hydroxide and thiosulfate. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2842-2849	2.7	29
248	Calculations of optical properties of the tetraphenyl-X family of isomorphous crystals (X = C, Si, Ge, Sn, Pb). <i>CrystEngComm</i> , 2002 , 4, 252-256	3.3	29
247	Synthesis, X-ray characterization, DFT calculations and Hirshfeld surface analysis studies of carbohydrazone based on Zn(II) complexes. <i>CrystEngComm</i> , 2016 , 18, 102-112	3.3	28
246	C-H Bond Activation by Cationic Iridium(III) NHC Complexes: A Combined Experimental and Computational Study. <i>Organometallics</i> , 2012 , 31, 1879-1887	3.8	28
245	Oxygen-oxygen bond homolysis in a novel titanium(IV) alkylperoxide complex, Cp ₂ Ti(OOtBu)Cl. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14534-5	16.4	28
244	ONO pincer type Pd(II) complexes: synthesis, crystal structure and catalytic activity towards C-2 arylation of quinoline scaffolds. <i>RSC Advances</i> , 2015 , 5, 77948-77957	3.7	27

243	Synthesis, Theoretical Study and Catalytic Application of Oxidometal (Mo or V) Complexes: Unexpected Coordination Due to Ligand Rearrangement through Metal-Mediated C≡N Bond Formation. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 1604-1618	2.3	27
242	Synthesis, protonation, and reduction of ruthenium-peroxo complexes with pendent nitrogen bases. <i>Inorganic Chemistry</i> , 2012 , 51, 10916-28	5.1	27
241	Synthesis and structures of two N,N'-bis(2-pyridinyl)thioureas and N-(2-pyridinyl)-N'-(benzoyl)thiourea. <i>Journal of Molecular Structure</i> , 2002 , 605, 9-15	3.4	27
240	Hydrogen Addition to (pincer)Ir(CO) Complexes: The Importance of Steric and Electronic Factors. <i>Organometallics</i> , 2016 , 35, 3546-3556	3.8	27
239	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(II) halogenidetetradentate Schiff base complexes. <i>CrystEngComm</i> , 2015 , 17, 3493-3502	3.3	26
238	Methylplatinum(II) and Molecular Oxygen: Oxidation to Methylplatinum(IV) in Competition with Methyl Group Transfer To Form Dimethylplatinum(IV). <i>Organometallics</i> , 2014 , 33, 3227-3230	3.8	26
237	Spectral and structural studies of cobalt(II,III), nickel(II), and copper(II) complexes of dehydroacetic acid N4-dialkyl- and 3-azacyclothiosemicarbazones. <i>Transition Metal Chemistry</i> , 2003 , 28, 954-960	2.1	26
236	Catalytic Hydroalkylation of Allenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15703-15707	16.4	25
235	Anionic Dinuclear Oxidovanadium(IV) Complexes with Azo Functionalized Tridentate Ligands and μ-Ethoxido Bridge Leading to an Unsymmetric Twisted Arrangement: Synthesis, X-ray Structure, Magnetic Properties, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2018 , 57, 5767-5781	5.1	25
234	Botulinum toxin induces muscle paralysis and inhibits bone regeneration in zebrafish. <i>Journal of Bone and Mineral Research</i> , 2014 , 29, 2346-56	6.3	25
233	Properties of square-pyramidal alkyl-thiolate Fe(III) complexes, including an analogue of the unmodified form of nitrile hydratase. <i>Inorganic Chemistry</i> , 2008 , 47, 11228-36	5.1	25
232	Simultaneous false-colour imaging of birefringence, extinction and transmittance at camera speed. <i>Journal of Microscopy</i> , 2007 , 228, 153-64	1.9	25
231	Structural, spectral and thermal studies of N-2-(4,6-lutidyl)-N'-chlorophenylthioureas. <i>Journal of Molecular Structure</i> , 2002 , 605, 241-247	3.4	25
230	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	2.7	24
229	Generation and Structural Characterization of a Gold(III) Alkene Complex. <i>Angewandte Chemie</i> , 2013 , 125, 1704-1707	3.6	24
228	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	24
227	Diversion of Catalytic C-N Bond Formation to Catalytic Oxidation of NH through Modification of the Hydrogen Atom Abstractor. <i>Journal of the American Chemical Society</i> , 2020 , 142, 3361-3365	16.4	23
226	Oxygen-promoted C-H bond activation at palladium. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6492-5	16.4	23

225	Structural study of two N(4)-substituted thiosemicarbazones prepared from 1-phenyl-1,2-propanedione-2-oxime and their binuclear nickel(II) complexes. <i>Journal of Molecular Structure</i> , 2002 , 608, 135-141	3.4	23
224	Osmium phosphiniminato complexes: synthesis, protonation, structure, and redox-coupled hydrolytic scission of N-p bonds. <i>Inorganic Chemistry</i> , 2003 , 42, 4127-34	5.1	23
223	The elastic tensor of monoclinic alkali feldspars. <i>American Mineralogist</i> , 2016 , 101, 1228-1231	2.9	23
222	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	2.3	22
221	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, 10936-9	16.4	22
220	Circular dichroism tensor of a triarylmethyl propeller in sodium chlorate crystals. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7454-65	16.4	22
219	Structural Studies of 2,6-Diacetyl- and 2,6-Diformylpyridine Bis(thiosemicarbazones). <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13, 10-18	1.5	22
218	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, 5594-5	16.4	22
217	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	4.1	21
216	Comparison of Structurally-Related Alkoxide, Amine, and Thiolate-Ligated M (M= Fe, Co) Complexes: the Influence of Thiolates on the Properties of Biologically Relevant Metal Complexes. <i>Inorganica Chimica Acta</i> , 2008 , 361, 1070-1078	2.7	21
215	Correlation of KH ₂ PO ₄ hillock chirality with absolute structure. <i>Journal of Crystal Growth</i> , 2002 , 234, 523-528	1.6	21
214	Circular Extinction Imaging: Determination of the Absolute Orientation of Embedded Chromophores in Enantiomorphously Twinned LiKSO ₄ Crystals. <i>Crystal Growth and Design</i> , 2005 , 5, 2117-2123	2.5	21
213	Optical rotation in RbTiOAsO ₄ (point group mm ₂). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2002 , 217, 1-7	1	21
212	Metal-Assisted Oxo Atom Addition to an Fe(III) Thiolate. <i>Journal of the American Chemical Society</i> , 2017 , 139, 119-129	16.4	20
211	Crystallographic education in the 21st century. <i>Journal of Applied Crystallography</i> , 2015 , 48, 1964-1975	3.8	20
210	Synthesis, Characterization, and Reactivity of Arene-Stabilized Rhodium Complexes. <i>Organometallics</i> , 2011 , 30, 2105-2116	3.8	19
209	Nucleophilic aromatic substitution on aryl-amido ligands promoted by oxidizing osmium(IV) centers. <i>Inorganic Chemistry</i> , 2004 , 43, 5804-15	5.1	19
208	Optical Rotatory and Circular Dichroic Scattering. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 2800-2807	2.8	19

207	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	2	18
206	Preparation, structural characterization, and thermochemistry of an isolable 4-arylphenoxy radical. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9451-4	4.2	18
205	Arene Activation at Iridium Facilitates C-D Bond Cleavage of Aryl Ethers. <i>Organometallics</i> , 2014 , 33, 12453-1252	3.8	18
204	Water-soluble Fe(II)-H ₂ 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, 2253-64	16.4	18
203	One-click preparation of 3D print files (*.stl, *.wrl) from *.cif (crystallographic information framework) data using Cif2VRML. <i>Powder Diffraction</i> , 2014 , 29, S42-S47	1.8	18
202	Structural and spectral studies of di-2-pyridyl ketone 3-piperidyl- and 3-hexamethyleneiminylthiosemicarbazone and their cobalt(II), nickel(II) and copper(II) complexes. <i>Transition Metal Chemistry</i> , 2002 , 27, 724-731	2.1	18
201	New V, VO, VO, and VO Systems: Exploring their Interconversion in Solution, Protein Interactions, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2020 , 59, 14042-14057	5.1	18
200	Synthesis, Radical Reactivity, and Thermochemistry of Monomeric Cu(II) Alkoxide Complexes Relevant to Cu/Radical Alcohol Oxidation Catalysis. <i>Inorganic Chemistry</i> , 2016 , 55, 5467-75	5.1	18
199	Sodium-coupled electron transfer reactivity of metal-organic frameworks containing titanium clusters: the importance of cations in redox chemistry. <i>Chemical Science</i> , 2019 , 10, 1322-1331	9.4	17
198	3D printed models of small and large molecules, structures and morphologies of crystals, as well as their anisotropic physical properties. <i>Crystal Research and Technology</i> , 2015 , 50, 432-441	1.3	17
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