

Werner Kaminsky

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6750213/werner-kaminsky-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Stabilization of hexachloride net with mixed Sn(IV) metal complex and 2,3-dimethylanilinium organic cation: elaboration, optical, spectroscopic, computational studies and thermal analysis. <i>Chemical Papers</i> , 2022 , 76, 1861	1.9	2
331	A new Hg(II) hybrid compound (C ₆ H ₉ N ₂)[Hg ₆ Cl ₁₃](H ₂ O) elaboration, crystal structure, spectroscopic, thermal, and DFT theoretical calculations. <i>Chemical Papers</i> , 2022 , 76, 2327	1.9	1
330	Synthesis, structural characterization, antibacterial activity, DFT computational studies and thermal analysis of two new thiocyanate compounds based on 1-phenylpiperazine. <i>Journal of Molecular Structure</i> , 2022 , 1257, 132620	3.4	0
329	Nitrogen rich triaminoguanidine-pyrrole conjugate as supramolecular synthon for the construction of charge-assisted hydrogen bonded network with various carboxylic acids. <i>Journal of Solid State Chemistry</i> , 2022 , 305, 122637	3.3	1
328	Redox-Switchable Allosteric Effects in Molecular Clusters.. <i>Jacs Au</i> , 2022 , 2, 92-96		0
327	Mono and dinuclear ruthenium, rhodium and iridium metal complexes containing N-acylhydrazone moiety: Synthesis and in vitro biological studies. <i>Polyhedron</i> , 2022 , 221, 115855	2.7	
326	Dithiocarbazate based oxidomethoxido vanadium(V) and mixed-ligand oxidovanadium(IV) complexes: Study of solution behavior, DNA binding, and anticancer activity.. <i>Journal of Inorganic Biochemistry</i> , 2022 , 233, 111844	4.2	1
325	Study of versatile coordination modes, antibacterial and radical scavenging activities of arene ruthenium, rhodium and iridium complexes containing fluorenone based thiosemicarbazones. <i>Journal of Organometallic Chemistry</i> , 2021 , 957, 122148	2.3	4
324	Experimental and theoretical physicochemical study of a new dispirocompound: 4-(4-fluorophenyl)-2,7-dimethyl-1,4-dihydro-3H-dispiro[cyclopent[b]indol-2,5-[1,2]oxazinan-6,3'-indolizin]-2,3-dione. <i>Journal of Molecular Structure</i> , 2021 , 1227, 129431	3.4	2
323	CO Hydrogenation Catalyzed by a Ruthenium Protic N-Heterocyclic Carbene Complex. <i>Inorganic Chemistry</i> , 2021 , 60, 5996-6003	5.1	3
322	Arene ruthenium, rhodium and iridium complexes containing benzamide derivative ligands: Study of interesting bonding modes, antibacterial, antioxidant and DNA binding studies. <i>Journal of Organometallic Chemistry</i> , 2021 , 937, 121731	2.3	2
321	Synthesis, crystal structure, computational studies and spectroscopic characterization of a hybrid material self-assembly from tetra(isothiocyanate)cobalt(II) anion and 1-(4-methoxyphenyl)piperazinium. <i>Journal of Molecular Structure</i> , 2021 , 1230, 129929	3.4	2
320	Tuning the Electronic Structure of Atomically Precise Sn/Co/Se Nanoclusters via Redox Matching of Tin(IV) Surface Sites. <i>Inorganic Chemistry</i> , 2021 , 60, 6135-6139	5.1	3
319	Synthesis, characterization and DFT studies of novel CH ₂ -capped and non-capped salan complexes. <i>Inorganica Chimica Acta</i> , 2021 , 519, 120265	2.7	0
318	Robust Synthetic Route toward Anisotropic Metal-Organic Cages with Tunable Surface Chemistry. <i>Inorganic Chemistry</i> , 2021 , 60, 7602-7606	5.1	1
317	A Cyclic Ruthenium Benzylidene Initiator Platform Enhances Reactivity for Ring-Expansion Metathesis Polymerization. <i>Journal of the American Chemical Society</i> , 2021 , 143, 7314-7319	16.4	4
316	Crystal Structure of 1,2,3,4-Tetrahydrohexakis(methoxy)benzene (T ₅ -Pentamethylcyclopentadienyl) Rhodium Complex. <i>Journal of Chemical Crystallography</i> , 2021 , 51, 288-292	0.5	

315	Increasing reactivity by incorporating π -acceptor ligands into coordinatively unsaturated thiolate-ligated iron(II) complexes. <i>Inorganica Chimica Acta</i> , 2021 , 524, 120422-120422	2.7	1
314	Half-sandwich platinum group metal complexes containing coumarin-N-acylhydrazone hybrid ligands: Synthesis and biological evaluation studies. <i>Inorganica Chimica Acta</i> , 2021 , 525, 120459	2.7	3
313	Synthesis, spectroscopic/electrochemical characterization, DNA/Protein binding studies and bioactivity assays of Ru(II) carbonyl complexes of 4-oxo-4H-chromene-3-carbaldehyde thiosemicarbazones. <i>Inorganica Chimica Acta</i> , 2021 , 525, 120470	2.7	1
312	Structural, Electronic and Thermochemical preference for multi-PCET reactivity of Ruthenium(II)-Amine and Ruthenium(IV)-Amido Complexes. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 4042	2.3	
311	Regiospecific -alkyl substitution tunes the molecular packing of high-performance non-fullerene acceptors. <i>Materials Horizons</i> , 2021 ,	14.4	5
310	Ru, Rh and Ir metal complexes of pyridyl chalcone derivatives: Their potent antibacterial activity, comparable cytotoxicity potency and selectivity to cisplatin. <i>Polyhedron</i> , 2020 , 185, 114606	2.7	4
309	In vitro biological evaluation of half-sandwich platinum-group metal complexes containing benzothiazole moiety. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 1538-1553	1.6	1
308	Unusual chemistry of Cu(II) salan complexes: synthesis, characterization and superoxide dismutase activity. <i>New Journal of Chemistry</i> , 2020 , 44, 11457-11470	3.6	3
307	A new 1D Zn(II) coordination polymer containing 2-amino-4,6-dimethoxypyrimidine ligand: crystal structure, Hirshfeld surface analysis, and physicochemical studies. <i>Journal of Molecular Structure</i> , 2020 , 1216, 128309	3.4	0
306	Fluorenone Schiff base derivative complexes of ruthenium, rhodium and iridium exhibiting efficient antibacterial activity and DNA-binding affinity. <i>Journal of Organometallic Chemistry</i> , 2020 , 915, 121246	2.3	8
305	Ruthenium, rhodium and iridium complexes containing pyrimidine based thienyl pyrazoles: Synthesis and antibacterial studies. <i>Journal of Organometallic Chemistry</i> , 2020 , 911, 121155	2.3	4
304	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
303	Comparison of two MnMn-bis- π -boxo complexes {[Mn(N(6-Me-DPEN))](EO)} and {[Mn(N(6-Me-DPPN))](EO)}. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2020 , 76, 1042-1046	0.7	1
302	Synthesis, structural and in-vitro functional studies of half-sandwich platinum group metal complexes having various bonding modes of benzhydrazone derivative ligands. <i>Polyhedron</i> , 2020 , 176, 114293	2.7	8
301	Selective detection of pyrophosphate anion by zinc ensemble of C-symmetric triaminoguanidine-pyrrole conjugate and its biosensing applications. <i>Analytica Chimica Acta</i> , 2020 , 1103, 192-201	6.6	11
300	Crystal structure, Hirshfeld surface analysis and physicochemical studies of two new Cu(II) complexes with the ligand 2-amino-6-methylpyrimidin-4-(1H)-one. <i>Inorganica Chimica Acta</i> , 2020 , 502, 119289	2.7	
299	Probing CO Generation through Metal-Assisted Alcohol Dehydrogenation in Metal-2-(aryazo)phenol Complexes Using Isotopic Labeling (Metal = Ru, Ir): Synthesis, Characterization, and Cytotoxicity Studies. <i>Inorganic Chemistry</i> , 2020 , 59, 15526-15540	5.1	10
298	Hierarchical nanosheets built from superatomic clusters: properties, exfoliation and single-crystal-to-single-crystal intercalation. <i>Chemical Science</i> , 2020 , 11, 10744-10751	9.4	9

297	Cp and indenyl ruthenium complexes containing dithione derivatives: Synthesis, antibacterial and antifungal study. <i>Journal of Organometallic Chemistry</i> , 2020 , 923, 121418	2.3	2
296	A Non-fullerene Acceptor with Enhanced Intermolecular π -Core Interaction for High-Performance Organic Solar Cells. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15246-15251	16.4	138
295	Preparation and Reactivity of Bimetallic (pincer)Ir Complexes. <i>Organometallics</i> , 2020 , 39, 3323-3334	3.8	2
294	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
293	Inorganic clusters as metalloligands: ligand effects on the synthesis and properties of ternary nanopropeller clusters. <i>Dalton Transactions</i> , 2020 , 49, 16464-16473	4.3	4
292	Synthesis, crystal structure determination, DFT calculation, and Hirshfeld surface analysis of a new Zn(II) complex with the guaninium ligand. <i>Journal of Coordination Chemistry</i> , 2020 , 73, 3307-3321	1.6	1
291	Synthesis of half sandwich platinum group metal complexes containing pyridyl benzothiazole hydrazones: Study of bonding modes and antimicrobial activity. <i>Journal of Organometallic Chemistry</i> , 2020 , 914, 121225	2.3	10
290	Platinum group complexes containing salicylaldehyde based thiosemicarbazone ligands: Their synthesis, characterization, bonding modes, antibacterial and antioxidant studies. <i>Journal of Organometallic Chemistry</i> , 2020 , 918, 121298	2.3	8
289	Synthesis, structure and bonding modes of pyrazine based ligands of Cp*Rh and Cp*Ir complexes: The study of in-vitro cytotoxicity against human cell lines. <i>Journal of Organometallic Chemistry</i> , 2019 , 899, 120887	2.3	5
288	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
287	Half sandwich platinum group metal complexes of thiourea derivative ligands with benzothiazole moiety possessing anti-bacterial activity and colorimetric sensing: Synthesis and characterisation. <i>Journal of Organometallic Chemistry</i> , 2019 , 884, 44-54	2.3	12
286	Hydrogenolysis of Dinuclear PCN Ligated Pd β -Hydroxides and Their Mononuclear Pd Hydroxide Analogues. <i>Chemistry - A European Journal</i> , 2019 , 25, 9920-9929	4.8	4
285	Crystal structure, Hirshfeld surface analysis, and physicochemical studies of a new Cu(II) complex with 2-amino-4-methylpyrimidine. <i>Journal of Molecular Structure</i> , 2019 , 1194, 297-304	3.4	1
284	Versatile coordination modes of benzothiazole hydrazone derivatives towards Ru(II), Rh(III) and Ir(III) complexes and their reactivity studies with azides and activated alkynes. <i>Journal of Organometallic Chemistry</i> , 2019 , 891, 54-63	2.3	9
283	Experimental and computational studies on the synthesis of diastereoselective natural-based Meldrum spiro dibenzofuran derivatives. <i>New Journal of Chemistry</i> , 2019 , 43, 6615-6621	3.6	4
282	DANPY (dimethylaminonaphthylpyridinium): an economical and biocompatible fluorophore. <i>Organic and Biomolecular Chemistry</i> , 2019 , 17, 3765-3780	3.9	2
281	Structure, Hirshfeld surface and theoretical study of a new inorganic organic arsenate compound NaH ₂ AsO ₄ [(C ₁₂ H ₈ N ₂) ₃].5H ₂ O. <i>Journal of Molecular Structure</i> , 2019 , 1186, 60-67	3.4	
280	Non-Macrocyclic Schiff Base Complexes of Iron(II) as ParaCEST Agents for MRI. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 2404-2411	2.3	2

279	Delineating the Role of Substituents on the Coordination Behavior of Arylhydrazone Ligands in PdII Complexes and their Influence on SuzukiMiyaura Coupling in Aqueous Media. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3869-3882	2.3	5
278	Synthesis, biological evaluation and colorimetric sensing studies of platinum group metal complexes comprising pyrazine based thiourea derivatives. <i>Journal of Organometallic Chemistry</i> , 2019 , 897, 207-216	2.3	6
277	Synthesis, structure and biological evaluation of mixed ligand oxidovanadium(IV) complexes incorporating 2-(aryloxy)phenolates. <i>New Journal of Chemistry</i> , 2019 , 43, 17711-17725	3.6	14
276	Chemistry of mixed-ligand oxidovanadium(IV) complexes of arylhydrazones incorporating quinoline derivatives: Study of solution behavior, theoretical evaluation and protein/DNA interaction. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110786	4.2	14
275	Geometric and electronic structure of a crystallographically characterized thiolate-ligated binuclear peroxo-bridged cobalt(III) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2019 , 24, 919-926	3.7	2
274	Synthesis, spectroscopic studies and biological evaluations of copper(I)/(II) metallates containing nitrogen heterocycles. <i>Inorganica Chimica Acta</i> , 2019 , 496, 119039	2.7	3
273	Synthesis of Organic Chloride Nitrate (C ₆ H ₈ N) ₂ ClNO ₃ , Molecular Structure, and Impact of Anion Disorder on Theoretical Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2019 , 645, 1171-1173	1.3	13
272	Crystallography Open Database: History, Development, and Perspectives 2019 , 1-39		1
271	Triple hydrogen atom abstraction from Mn-NH complexes results in cyclophosphazanium cations. <i>Chemical Communications</i> , 2019 , 55, 14058-14061	5.8	11
270	Theobromine and direct arylation: a sustainable and scalable solution to minimize aggregation caused quenching. <i>Green Chemistry</i> , 2019 , 21, 6600-6605	10	7
269	Atomically Defined Nanopropeller FeCoSe(PhPNTol): Functional Model for the Electronic Metal-Support Interaction Effect and High Catalytic Activity for Carbodiimide Formation. <i>Journal of the American Chemical Society</i> , 2019 , 141, 19605-19610	16.4	11
268	Synthesis, characterization and chemosensitivity studies of half-sandwich ruthenium, rhodium and iridium complexes containing $\lambda^2(S)$ and $\lambda^2(N,S)$ arylthiourea ligands. <i>Journal of Organometallic Chemistry</i> , 2019 , 880, 272-280	2.3	17
267	Synthesis, structural and chemosensitivity studies of arene d ₆ metal complexes having N-phenyl-N'-(pyridyl/pyrimidyl)thiourea derivatives. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4362	3.1	15
266	How Do Ring Size and π -Donating Thiolate Ligands Affect Redox-Active, π -Amino-N-heterocycle Ligand Activation?. <i>Inorganic Chemistry</i> , 2018 , 57, 1935-1949	5.1	4
265	Synthesis and spectral studies of sterically hindered half-sandwich d ₆ metal complexes containing quinoxaline based electron rich heterocyclic pyrazoles. <i>Inorganica Chimica Acta</i> , 2018 , 476, 101-109	2.7	7
264	Chemistry of oxidomolybdenum(IV) and -(VI) complexes with ONS donor ligands: Synthesis, computational evaluation and oxo-transfer reactions. <i>Polyhedron</i> , 2018 , 141, 322-336	2.7	5
263	Self-assembled 3D heterometallic Zn(II)/K(I) metal-organic framework with the fluorite topology. <i>Polyhedron</i> , 2018 , 142, 110-114	2.7	5
262	Mixed valent/geometry, linear, tetranuclear nickel complex bearing ONO pincer ligand exhibiting hitherto unknown ligation mode. <i>Polyhedron</i> , 2018 , 143, 157-164	2.7	

261	X-ray crystal structure, Hirshfeld surface analysis and DFT study of some cis-5-hydroxy-2-phosphono-2,5-dihydrofurans. <i>Chemical Data Collections</i> , 2018 , 17-18, 95-110	2.1	0
260	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
259	Regioselective synthesis of pyrrole and indole-fused isocoumarins catalysed by N(^wedge)O chelate ruthenium(II) complex. <i>Journal of Chemical Sciences</i> , 2018 , 130, 1	1.8	2
258	Crystal structure, Hirshfeld surface analysis, thermal behavior and spectroscopic investigations of a new organic cyclohexaphosphate, (C ₁₀ H ₁₅ N ₂) ₄ (Li) ₂ (P ₆ O ₁₈)(H ₂ O) ₆ . <i>Journal of Molecular Structure</i> , 2018 , 1171, 429-437	3.4	3
257	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
256	Synthesis, spectroscopic, in vitro cytotoxicity and crystal structures of novel fluorinated dispiroheterocycles: DFT approach. <i>Monatshefte für Chemie</i> , 2018 , 149, 141-147	1.4	3
255	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
254	Carbonic acid monohydrate. <i>American Mineralogist</i> , 2018 , 103, 1468-1472	2.9	4
253	An Operationally Simple One-Step Chemo- and Diastereoselective Synthesis of cis-5-Hydroxy-2-phosphono-2,5-dihydrofurans. <i>Organic Preparations and Procedures International</i> , 2018 , 50, 432-440	1.1	3
252	A Hirshfeld surface Analysis, crystal structure and physicochemical studies of a Cd(II) complex with the 4,4'-dimethyl-2,2'-dipyridyl ligand. <i>Chemical Data Collections</i> , 2018 , 17-18, 345-355	2.1	1
251	Synthesis and structural characterization of arene d ₆ metal complexes of sulfonohydrazone and triazolo ligands: High potency of triazolo derivatives towards DNA binding. <i>Polyhedron</i> , 2018 , 155, 302-317	2.7	3
250	Synthesis of strained complexes of arene d ₆ metals with benzoylthiourea and their spectral studies. <i>Journal of Organometallic Chemistry</i> , 2018 , 869, 26-36	2.3	10
249	Neutral and cationic half-sandwich arene d ₆ metal complexes containing pyridyl and pyrimidyl thiourea ligands with interesting bonding modes: Synthesis, structural and anti-cancer studies. <i>Applied Organometallic Chemistry</i> , 2018 , 32, e4476	3.1	13
248	Sterically directed nitronate complexes of 2,6-di-tert-butyl-4-nitrophenoxide with Cu(ii) and Zn(ii) and their H-atom transfer reactivity. <i>Dalton Transactions</i> , 2017 , 46, 2551-2558	4.3	1
247	Synthesis and Structural Studies of Cp* Rhodium and Cp* Iridium Complexes of Picolinic Hydrazine Ligand. <i>Bulletin of the Korean Chemical Society</i> , 2017 , 38, 99-106	1.2	2
246	Synthesis and structural characterization of palladium(II) complexes of chiral bidentate N-heterocyclic carbene-quinoline ligands. <i>Journal of Organometallic Chemistry</i> , 2017 , 832, 9-11	2.3	6
245	Pyridyl azine Schiff-base ligands exhibiting unexpected bonding modes towards ruthenium, rhodium and iridium half-sandwich complexes: Synthesis and structural studies. <i>Journal of Organometallic Chemistry</i> , 2017 , 836-837, 8-16	2.3	11
244	5-phosphonato-3,4-dihydropyrimidin-2(1H)-ones: Zinc triflate-catalyzed one-pot multi-component synthesis, X-ray crystal structure and anti-inflammatory activity. <i>Journal of Molecular Structure</i> , 2017 , 1142, 130-138	3.4	10

243	Oxidative addition of iodine to (tBu) ₄ (POCOP)Ir(CO) complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 845, 171-176	2.3	4
242	Photolysis of Pincer-Ligated Pd(II)Me Complexes in the Presence of Molecular Oxygen. <i>Organometallics</i> , 2017 , 36, 1213-1216	3.8	15
241	Synthesis and biological studies of ruthenium, rhodium and iridium metal complexes with pyrazole-based ligands displaying unpredicted bonding modes. <i>Inorganica Chimica Acta</i> , 2017 , 462, 223-235	2.7	11
240	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
239	Efficient novel synthesis of pyrano[3,2-a]- and pyrazolo[4,3-a]-acridines. <i>Synthetic Communications</i> , 2017 , 47, 245-255	1.7	4
238	Arylation of N-Methyl-2-oxindole with Arylboronic Acids in Water Catalyzed by Palladium(II) Pincer Complexes with a Low Catalyst Loading. <i>ChemCatChem</i> , 2017 , 9, 910-914	5.2	11
237	Catalytic Hydroalkylation of Allenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 15703-15707	16.4	25
236	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
235	Investigation of the coordination chemistry of multidentate azine Schiff-base ligands towards d ₆ half-sandwich metal complexes. <i>Journal of Organometallic Chemistry</i> , 2017 , 848, 95-103	2.3	22
234	A Hirshfeld surface analysis, crystal and geometry-optimized structure, and solid state NMR studies of two novel hydroxyphosphonates C ₁₇ H ₂₁ O ₄ P(I) and C ₁₉ H ₂₅ O ₄ P(II). <i>Journal of Molecular Structure</i> , 2017 , 1149, 99-111	3.4	1
233	Iridium triflate and ionic liquid-mediated Friedländer synthesis of 2-acylquinolines. <i>Synthetic Communications</i> , 2017 , 47, 1940-1954	1.7	7
232	Half-sandwich d ₆ metal complexes with bis(pyridine carboxamide)benzene ligand: Synthesis and spectral analysis. <i>Journal of Molecular Structure</i> , 2017 , 1149, 162-170	3.4	4
231	Catalytic Hydroalkylation of Allenes. <i>Angewandte Chemie</i> , 2017 , 129, 15909-15913	3.6	5
230	Synthesis and structural studies of half-sandwich Cp* rhodium and Cp* iridium complexes featuring mono, bi and tetradentate nitrogen and oxygen donor ligands. <i>Journal of Chemical Sciences</i> , 2017 , 129, 561-571	1.8	5
229	Solvent dependent nuclearity of manganese complexes with a polydentate hydrazone-based ligand and thiocyanate anions. <i>Inorganica Chimica Acta</i> , 2017 , 455, 204-212	2.7	6
228	Synthesis, spectral analysis and quantum chemical studies on molecular geometry, chemical reactivity of 7-chloro-9-(2-chlorophenyl)-2,3-dihydroacridin-4(1H)-one and 7-chloro-9-(2-fluorophenyl)-2,3-dihydroacridin-4(1H)-one. <i>Journal of Molecular Structure</i> , 2017 , 1149, 279-288	3.4	6
227	Half-sandwich ruthenium, rhodium and iridium complexes featuring oxime ligands: Structural studies and preliminary investigation of in vitro and in vivo anti-tumour activities. <i>Applied Organometallic Chemistry</i> , 2017 , 31, e3640	3.1	12
226	A Hirshfeld surface analysis, crystal structure and physicochemical studies of a new Cd(II) complex with the 2-amino-4-methylpyrimidine ligand. <i>Journal of Molecular Structure</i> , 2017 , 1128, 378-384	3.4	7

225	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
224	The in vitro antitumor activity of oligonuclear polypyridyl rhodium and iridium complexes against cancer cells and human pathogens. <i>Journal of Organometallic Chemistry</i> , 2016 , 824, 131-139	2.3	11
223	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
222	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
221	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
220	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
219	Electronic Structure of a Cu(II)-Alkoxide Complex Modeling Intermediates in Copper-Catalyzed Alcohol Oxidations. <i>Journal of the American Chemical Society</i> , 2016 , 138, 4132-45	16.4	10
218	Synthesis, molecular structure and DFT studies of tricarbonylrhenium(I) complexes containing nitrogen based bis, tris, tetrakis-(di-2-pyridylaminomethyl)benzene ligands. <i>Journal of Molecular Structure</i> , 2016 , 1115, 8-16	3.4	2
217	Synthesis, structural, DFT studies and antibacterial evaluation of Cp* rhodium and Cp* iridium complexes using hydrazide based dipyridyl ketone ligand. <i>Inorganica Chimica Acta</i> , 2016 , 443, 126-135	2.7	12
216	Theoretical and experimental investigations on molecular structure of 7-Chloro-9-phenyl-2,3-dihydroacridin-4(1H)-one with cytotoxic studies. <i>Journal of Molecular Structure</i> , 2016 , 1109, 247-257	3.4	15
215	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
214	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
213	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
212	A doubly deprotonated diimine dioximate metalloligand as a synthon for multimetallic complex assembly. <i>Dalton Transactions</i> , 2016 , 45, 10068-75	4.3	6
211	In vitro Biological Activity Studies of Platinum Group Metal Complexes Containing N, N'-Bis(picolinoyl)hydrazine Ligand. <i>Current Inorganic Chemistry</i> , 2016 , 6, 127-140		3
210	Alternative bridging architectures in organic nonlinear optical materials: comparison of π and σ type structures. <i>Journal of the Optical Society of America B: Optical Physics</i> , 2016 , 33, E160	1.7	2
209	Structure of a Novel Rhodium Phosphinite Compound: Agostic Interactions as a Model for an Oxidative Addition Intermediate. <i>Organometallics</i> , 2016 , 35, 2165-2169	3.8	16
208	Novel Synthetic and Mechanistic Approach of TFA Catalysed Friedländer Synthesis of 2-Acylquinolines from Symmetrical and Unsymmetrical 1,2-Diketones with o-Aminoarylketones. <i>ChemistrySelect</i> , 2016 , 1, 6823-6829	1.8	10

207	The elastic tensor of monoclinic alkali feldspars. <i>American Mineralogist</i> , 2016 , 101, 1228-1231	2.9	23
206	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
205	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
204	Expeditious Assembly of Fluorenones through Domino Reactions of Benzoyl Chlorides with Arylboronic Acids Catalyzed by ONO Pincer-like Palladium(II) Complexes. <i>ChemCatChem</i> , 2016 , 8, 3207-3212	5.2	11
203	Hydrogen Addition to (pincer)Ir(CO) Complexes: The Importance of Steric and Electronic Factors. <i>Organometallics</i> , 2016 , 35, 3546-3556	3.8	27
202	Palladium complexes catalyzed regioselective arylation of 2-oxindole via in situ C(sp ²)OH activation mediated by PyBroP. <i>Journal of Organometallic Chemistry</i> , 2016 , 824, 7-14	2.3	6
201	Neutral and cationic half-sandwich arene ruthenium, Cp*Rh and Cp*Ir oximato and oxime complexes: Synthesis, structural, DFT and biological studies. <i>Journal of Organometallic Chemistry</i> , 2016 , 820, 70-81	2.3	15
200	Study of the Bonding Modes of Di-2-pyridyl ketoxime Ligand towards Ruthenium, Rhodium and Iridium Half Sandwich Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 941-946	1.3	4
199	Crystal and molecular structure of the analgesic tetrapeptide, L-Phe-L-Leu-L-Pro-L-Ser. <i>Biopolymers</i> , 2015 , 104, 84-90	2.2	
198	From monomers to polymers: steric and supramolecular effects on dimensionality of coordination architectures of heteroleptic mercury(II) halogenide-tetradentate Schiff base complexes. <i>CrystEngComm</i> , 2015 , 17, 3493-3502	3.3	26
197	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
196	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
195	Optical anomaly in artificial cubic hieratite, K ₂ [SiF ₆]. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015 , 71, 328-33	1.8	3
194	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
193	3D printing of representation surfaces from tensor data of KH ₂ PO ₄ and low-quartz utilizing the WinTensor software. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2015 , 230, 651-656	1	2
192	Characterization of a palladium dihydrogen complex. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5915-8	16.4	14
191	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
190	Synthesis, molecular structural studies and DFT calculations of tricarbonylrhenium(I) metal complexes containing nitrogen based N ₂ N donor polypyridyl ligands. <i>Inorganica Chimica Acta</i> , 2015 , 437, 177-187	2.7	11

189	Crystallographic education in the 21st century. <i>Journal of Applied Crystallography</i> , 2015 , 48, 1964-1975	3.8	20
188	Efficient Protocol for Synthesis of Pyrazolo[3,4-a]acridines. <i>Synthetic Communications</i> , 2015 , 45, 2203-2215		8
187	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
186	Characterization of a Palladium Dihydrogen Complex. <i>Angewandte Chemie</i> , 2015 , 127, 6013-6016	3.6	2
185	Chelation-Driven Rearrangement of Primary Alkyl Aminopalladation Products to Stable Trisubstituted Alkyl Palladium Complexes. <i>Angewandte Chemie</i> , 2015 , 127, 4640-4643	3.6	
184	Applications of Bicrystallography: Revealing Generic Similarities in Coincidence Site Lattice Boundaries of all Holohedral Cubic Materials and Facilitating the Design of 3D Printed Models of such Grain Boundaries. <i>Microscopy and Microanalysis</i> , 2015 , 21, 1453-1454	0.5	
183	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
182	InCl ₃ -Promoted Synthesis of Pyrazolyl-Substituted Quinolines in Green Media. <i>Synthetic Communications</i> , 2015 , 45, 1751-1760	1.7	4
181	Properties and structure of two fluorinated 1,10-phenanthrolines. <i>Journal of Fluorine Chemistry</i> , 2015 , 173, 63-68	2.1	4
180	Filamentous Bacteriophage Promote Biofilm Assembly and Function. <i>Cell Host and Microbe</i> , 2015 , 18, 549-59	23.4	135
179	Structure and Phase Transition of 4,7-Bis-(4'-cyano-biphenyl-4-yl)-[1, 10]phenanthroline. <i>Journal of Chemical Crystallography</i> , 2015 , 45, 453-460	0.5	
178	Arene ruthenium(II) complexes with 2-acetamidothiazole derived ligands: Synthesis, structural studies, antifouling and antibacterial properties. <i>Polyhedron</i> , 2015 , 100, 321-325	2.7	6
177	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
176	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
175	The Importance of Steric Factors in Iridium Pincer Complexes. <i>Organometallics</i> , 2015 , 34, 753-762	3.8	43
174	Chelation-driven rearrangement of primary alkyl aminopalladation products to stable trisubstituted alkyl-palladium complexes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 4557-60	16.4	4
173	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
172	Oxygen-promoted C-H bond activation at palladium. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6492-5	16.4	23

171	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
170	Oxygen-Promoted C-H Bond Activation at Palladium. <i>Angewandte Chemie</i> , 2014 , 126, 6610-6613	3.6	6
169	Synthesis and Characterization of Anionic, Neutral, and Cationic PNP Pincer PdII and PtII Hydrides. <i>Organometallics</i> , 2014 , 33, 2503-2509	3.8	14
168	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
167	Symmetry of Crystals & Molecules. Von Mark Ladd.. <i>Angewandte Chemie</i> , 2014 , 126, 10149-10149	3.6	
166	Hemilability of P(X)N-type ligands (X = O, N-H): rollover cyclometalation and benzene C-H activation from (P(X)N)PtMe ₂ complexes. <i>Dalton Transactions</i> , 2014 , 43, 12018-25	4.3	13
165	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
164	Preparation, structural characterization, and thermochemistry of an isolable 4-arylphenoxy radical. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9451-4	4.2	18
163	A facile regioselective 1,3-dipolar cycloaddition protocol for the synthesis of new class of quinolinyl dispiro heterocycles. <i>Tetrahedron Letters</i> , 2014 , 55, 5475-5480	2	17
162	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
161	Synthesis and reactivity of tripodal complexes containing pendant bases. <i>Inorganic Chemistry</i> , 2014 , 53, 9242-53	5.1	15
160	Arene Activation at Iridium Facilitates C-D Bond Cleavage of Aryl Ethers. <i>Organometallics</i> , 2014 , 33, 12453-1252	3.5	18
159	Arene ruthenium(II) azido complexes incorporating N ₂ O chelate ligands: Synthesis, spectral studies and 1,3-dipolar-cycloaddition to a coordinated azide in ruthenium(II) compounds. <i>Polyhedron</i> , 2014 , 68, 279-286	2.7	8
158	Synthesis, structural studies and catalytic activity of dioxidomolybdenum(VI) complexes with aroylhydrazones of naphthol-derivative. <i>Polyhedron</i> , 2014 , 67, 1-10	2.7	48
157	Open Access Resources for Crystallography Education in Interdisciplinary College Courses: Crystallographic Databases and 3D Printed Models. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1716, 11		6
156	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
155	Iridium (III) and rhodium (III) triazoles by 1,3-dipolar cycloadditions to a coordinated azide in iridium (III) and rhodium (III) compounds. <i>Journal of Coordination Chemistry</i> , 2014 , 67, 3252-3269	1.6	9
154	3D printing of crystallographic models and open access databases. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014 , 70, C1278-C1278	1.7	2

153	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
152	Cross-conjugation as a Motif for Organic Non-Linear Optical Molecules. <i>Materials Research Society Symposia Proceedings</i> , 2014 , 1698, 14		
151	Generation and Structural Characterization of a Gold(III) Alkene Complex. <i>Angewandte Chemie</i> , 2013 , 125, 1704-1707	3.6	24
150	A C-C bonded phenoxy radical dimer with a zero bond dissociation free energy. <i>Journal of the American Chemical Society</i> , 2013 , 135, 12956-9	16.4	37
149	Reactions of Five-Coordinate Platinum(IV) Complexes with Molecular Oxygen. <i>Organometallics</i> , 2013 , 32, 4752-4758	3.8	33
148	Structure and Solution Reactivity of (Triethylsilylium)triethylsilane Cations. <i>Organometallics</i> , 2013 , 32, 7478-7481	3.8	85
147	Proton transfer and photoluminescence intermittency of single emitters in dyed crystals. <i>Journal of Physical Chemistry B</i> , 2013 , 117, 4313-24	3.4	12
146	Absolute Configuration of Beer's Bitter Compounds. <i>Angewandte Chemie</i> , 2013 , 125, 1593-1595	3.6	7
145	Absolute configuration of beer's bitter compounds. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1553-5	16.4	33
144	Decomposition of a Mixed-Valence [2Fe-2S] Cluster to Linear Tetra-Ferric and Ferrous Clusters. <i>Polyhedron</i> , 2013 , 58, 60-64	2.7	7
143	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
142	Enantioselective palladium-catalyzed diamination of alkenes using N-fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , 2013 , 135, 8854-6	16.4	144
141	Synthesis and Characterization of Iridium(I) and Iridium(III) Complexes Containing Dialkylbiphenylphosphines. <i>Organometallics</i> , 2013 , 32, 4016-4019	3.8	5
140	Generation and structural characterization of a gold(III) alkene complex. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 1660-3	16.4	56
139	η^6 -Tetramethylfulvene and η^6 -Benzene Complexes of Iridium. <i>Organometallics</i> , 2012 , 31, 8459-8462	3.8	16
138	Synthesis, structure, and reactivity of a nickel dihydrogen complex. <i>Chemistry - A European Journal</i> , 2012 , 18, 15932-4	4.8	37
137	Ligand-based reduction of CO ₂ and release of CO on iron(II). <i>Inorganic Chemistry</i> , 2012 , 51, 9168-70	5.1	37
136	Chiroptical Imaging of Crystals 2012 , 325-345		2

135	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
134	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
133	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
132	C≡N Bond Activation by Cationic Iridium(III) NHC Complexes: A Combined Experimental and Computational Study. <i>Organometallics</i> , 2012 , 31, 1879-1887	3.8	28
131	Synthesis, protonation, and reduction of ruthenium-peroxo complexes with pendent nitrogen bases. <i>Inorganic Chemistry</i> , 2012 , 51, 10916-28	5.1	27
130	Aggregation induced emission (AIE) of trifluoromethyl substituted distyrylbenzenes. <i>Chemical Communications</i> , 2012 , 48, 7880-2	5.8	40
129	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
128	Hydrogenolysis of palladium(II) hydroxide, phenoxide, and alkoxide complexes. <i>Journal of the American Chemical Society</i> , 2011 , 133, 17713-26	16.4	58
127	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
126	Syntheses and Characterization of Palladium Complexes with a Hemilabile BCO-Pincer Ligand. <i>Organometallics</i> , 2011 , 30, 1627-1636	3.8	44
125	Isolation and X-ray Structure of Deoxycholic Acid from the Sponge <i>Ircinia</i> sp. <i>Natural Product Communications</i> , 2011 , 6, 1934578X1100600	0.9	
124	C≡N activation of benzene by platinum(II) complexes with cyclometalated phosphine ligands. <i>Inorganica Chimica Acta</i> , 2011 , 369, 76-81	2.7	17
123	Metal-free carbon dioxide reduction and acidic C≡N activations using a frustrated Lewis pair. <i>Inorganica Chimica Acta</i> , 2011 , 369, 126-132	2.7	50
122	Preparation of a Dihydrogen Complex of Cobalt. <i>Angewandte Chemie</i> , 2011 , 123, 1913-1916	3.6	15
121	Directing Protons to the Dioxygen Ligand of a Ruthenium(II) Complex with Pendent Amines in the Second Coordination Sphere. <i>Angewandte Chemie</i> , 2011 , 123, 11128-11131	3.6	3
120	Preparation of a dihydrogen complex of cobalt. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1873-6	16.4	73
119	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
118	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

117	Synthesis, Characterization, and Reactivity of Arene-Stabilized Rhodium Complexes. <i>Organometallics</i> , 2011 , 30, 2105-2116	3.8	19
116	Synthesis, spectral and structural studies of water soluble arene ruthenium (II) complexes containing 2,2'-dipyridyl-N-alkylimine ligand. <i>Inorganica Chimica Acta</i> , 2011 , 365, 487-491	2.7	11
115	Evidence of a circularly polarized light mode along the optic axis in c-cut NH ₄ H ₂ PO ₄ , induced by circular differential reflection and anomalous birefringence. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 095902	1.8	3
114	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
113	MetalLigand Cooperativity in O ₂ Activation: Observation of a Pt ^{IV} O ₂ O ₂ Peroxo Intermediate§. <i>Organometallics</i> , 2010 , 29, 4749-4751	3.8	49
112	Structure, morphology and optical properties of chiral N-(4-X-phenyl)-N-[1(S)-1-phenylethyl]thiourea, X= Cl, Br, and NO ₂ . <i>Molecules</i> , 2010 , 15, 554-69	4.8	6
111	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
110	Organometallic osmium and iridium complexes as phosphorescent dye in barometric sensitive coatings. <i>Sensors and Actuators B: Chemical</i> , 2010 , 145, 278-284	8.5	7
109	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
108	Herapathite. <i>Science</i> , 2009 , 324, 1407	33.3	32
107	Turiner Stereochemie: Eligio Peruccas Enantioselektivität und Primo Levis Asymmetrie. <i>Angewandte Chemie</i> , 2009 , 121, 3798-3802	3.6	6
106	Turinese stereochemistry: Eligio Perucca's enantioselectivity and Primo Levi's asymmetry. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3744-8	16.4	14
105	Structural studies and antimicrobial properties of norcembrane diterpenoid from an Indian soft coral <i>Sinularia inelegans</i> Tixier-Durivault. <i>Journal of Chemical Sciences</i> , 2009 , 121, 1041-1046	1.8	5
104	Photophysical properties, X-ray structures, electrochemistry, and DFT computational chemistry of osmium complexes. <i>Inorganica Chimica Acta</i> , 2009 , 362, 1611-1618	2.7	17
103	Dihydroxylation of alkenes using a Tp ^o osmium complex. <i>Inorganica Chimica Acta</i> , 2009 , 362, 4534-4538	2.7	8
102	The competing roles of topology and spin density in the magnetic behavior of spin-delocalized radicals: Donor-acceptor annelated nitronyl nitroxides. <i>Polyhedron</i> , 2009 , 28, 1704-1709	2.7	5
101	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
100	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

99	Dinuclear Iridium Complexes Containing Cp* and Carbonyl Ligands: Synthesis, Structure, and Reactivity. <i>Organometallics</i> , 2009 , 28, 3546-3551	3.8	13
98	Synthesis and oxidation of CpIrIII compounds: functionalization of a Cp methyl group. <i>Dalton Transactions</i> , 2009 , 1972-83	4.3	46
97	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
96	A Convenient One-Pot Synthesis of Di-t-butylphosphinic Chloride. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2008 , 183, 2534-2540	1	3
95	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
94	Sigma-borane complexes of iridium: synthesis and structural characterization. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10812-20	16.4	107
93	Complexes of Osmium with the 2-[(Diphenylphosphanyl)-methyl]-pyridine Ligand. <i>Journal of Physical Chemistry C</i> , 2008 , 112, 7858-7865	3.8	8
92	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
91	Optical rotation of achiral compounds. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5706-17	16.4	70
90	Die optische Aktivität achiraler Substanzen. <i>Angewandte Chemie</i> , 2008 , 120, 5790-5801	3.6	5
89	Synthesis and electro-optic properties of amino-phenyl-thienyl donor chromophores. <i>Optical Materials</i> , 2008 , 30, 1504-1513	3.3	16
88	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
87	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
86	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
85	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
84	From CIF to virtual morphology using theWinXMorphprogram. <i>Journal of Applied Crystallography</i> , 2007 , 40, 382-385	3.8	162
83	Simultaneous false-colour imaging of birefringence, extinction and transmittance at camera speed. <i>Journal of Microscopy</i> , 2007 , 228, 153-64	1.9	25
82	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

81	Non-linear optical properties and absolute structure of metastable 4-methyl benzophenone. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2006 , 221, 294-299	1	3
80	Pyrroline Chromophores for Electro-Optics. <i>Chemistry of Materials</i> , 2006 , 18, 2982-2988	9.6	103
79	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
78	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
77	Mesoscale chiroptics of rhythmic precipitates. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14234-5	16.4	47
76	Optical rotation of achiral pentaerythritol. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14746-7	16.4	32
75	Crystal structures and luminescence properties of osmium complexes of cis-1,2-vinylenebis(diphenylarsine) and pyridyl ligands: Possible evidence for metal d, ligand d backbonding. <i>Inorganica Chimica Acta</i> , 2006 , 359, 1093-1102	2.7	8
74	Reactions of TpOs nitrido complexes with the nucleophiles hydroxide and thiosulfate. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2842-2849	2.7	29
73	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
72	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
71	trans-Dichloro(2-chloroaniline- η^1)(triphenylphosphine- η^3)palladium(II) dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005 , 61, m1797-m1798		1
70	Absolute optical rotation of CsLiB ₆ O ₁₀ . <i>Journal of Applied Crystallography</i> , 2005 , 38, 544-554	3.8	7
69	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
68	Study of the sulfur atom as hydrogen bond acceptor in N(2)-pyridylmethyl-N ³ -arylthioureas. <i>Journal of Chemical Crystallography</i> , 2004 , 34, 533-540	0.5	24
67	Structure of a high temperature phase of potassium dideuteriophosphate (DKDP). <i>Solid State Communications</i> , 2004 , 132, 827-830	1.6	4
66	Potassium hydrogen diphthalate dihydrate: a new structure and correction to the literature. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2004 , 60, m551-3		4
65	3,3'-Didecyl-5,5'-bis(4-phenylquinolin-2-yl)-2,2'-bithienyl. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004 , 60, o530-o531		3
64	Dispersion of anomalous azimuthal rotation and circular extinction contrast in dyed K(2)SO(4) crystals. <i>Chirality</i> , 2004 , 16 Suppl, S55-61	2.1	14

63	Crystallography and luminescence of divalent osmium complexes green osmium emitters and possible evidence for d-orbital backbonding. <i>Inorganica Chimica Acta</i> , 2004 , 357, 3967-3974	2.7	13
62	Nucleophilic aromatic substitution on aryl-amido ligands promoted by oxidizing osmium(IV) centers. <i>Inorganic Chemistry</i> , 2004 , 43, 5804-15	5.1	19
61	Polarimetric imaging of crystals. <i>Chemical Society Reviews</i> , 2004 , 33, 514-25	58.5	96
60	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
59	Why biphenyl configuration still matters. <i>Journal of Physical Organic Chemistry</i> , 2004 , 17, 735-739	2.1	7
58	Optical consequences of chemistry at growing crystal interfaces. <i>Nanostructure Science and Technology</i> , 2004 , 83-107	0.9	
57	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
56	Oxidation of heterocyclic thioureas to form benzothiazoles and their copper(II) complexes. <i>Journal of Molecular Structure</i> , 2003 , 646, 95-102	3.4	7
55	Structural studies of N-2-(6-aminopyridine)-N?-arylthioureas. <i>Journal of Molecular Structure</i> , 2003 , 654, 145-152	3.4	5
54	A chloride ion contained in a cobalt 'claw': [Co3(DADIT)3]Cl(PF6)2. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m379-80		1
53	Tuning the properties of the osmium nitrido group in TpOs(N)X2 by changing the ancillary ligand. <i>Inorganic Chemistry</i> , 2003 , 42, 605-11	5.1	36
52	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
51	Optical Rotatory and Circular Dichroic Scattering. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 2800-2807	2.8	19
50	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
49	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
48	Beta-diiminate platinum complexes for alkane dehydrogenation. <i>Journal of the American Chemical Society</i> , 2003 , 125, 15286-7	16.4	94
47	Organic light emitting devices based upon divalent osmium complexes: Part 1: design, synthesis, and characterization of osmium complexes 2003 ,		1
46	How does cyanide inhibit superoxide reductase? Insight from synthetic FeIIIN4S model complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 3671-6	11.5	33

45	Structure of N-Methylisatin N(4)-Dimethylthiosemicarbazone and its Electrochemically Synthesized 6-Coordinate Cadmium(II) Complex. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2002 , 57, 908-913	1	3
44	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
43	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
42	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
41	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
40	Structural, spectral and thermal studies of substituted N-(2-pyridyl)-N'-phenylthioureas. <i>Journal of Molecular Structure</i> , 2002 , 608, 77-87	3.4	16
39	Structural, spectral and thermal studies of N-2-(picolyl)-N'-4-chlorophenylthioureas. <i>Journal of Molecular Structure</i> , 2002 , 608, 245-251	3.4	9
38	Structural, spectral and thermal studies of N-2-(4-picolyl)- and N-2-(6-picolyl)-N'-(2-chlorophenyl)thioureas and N-2-(6-picolyl)-N'-(2-bromophenyl)thiourea. <i>Journal of Molecular Structure</i> , 2002 , 610, 143-150	3.4	8
37	Structural, thermal and spectral studies of N-2-pyridyl-, N-2-picolyl- and N-2-(4,6-lutidyl)-N'-(3-methoxyphenyl)thioureas. <i>Journal of Molecular Structure</i> , 2002 , 613, 223-233	3.4	11
36	Structural and spectral studies of N-2-(pyridyl)-, N-2-(3-, 4-, 5-, and 6-picolyl)- and N-2-(4,6-lutidyl)-N'-2-thiomethoxyphenylthioureas. <i>Journal of Molecular Structure</i> , 2002 , 616, 79-89	3.4	10
35	Structural, spectral and thermal studies of N-2-(pyridyl)- and N-2-(picolyl)-N'-(3-chlorophenyl)thioureas. <i>Journal of Molecular Structure</i> , 2002 , 642, 119-127	3.4	7
34	Correlation of KH ₂ PO ₄ hillock chirality with absolute structure. <i>Journal of Crystal Growth</i> , 2002 , 234, 523-528	1.6	21
33	Structural studies of N-2-(6-picolyl)-N'-tolylthioureas. <i>Journal of Chemical Crystallography</i> , 2002 , 32, 17-25	5	7
32	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
31	Structural studies of N-2-(3-picolyl)- and N-2-(4-picolyl)-N'-tolylthioureas. <i>Journal of Chemical Crystallography</i> , 2002 , 32, 431-438	0.5	5
30	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
29	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
28	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

27	Dyeing Crystals to Dyeing Tissues: Congo Red in Anisotropic Media. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 389, 1-9	0.5	10
26	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
25	Optical rotation in RbTiOAsO ₄ (point group mm ²). <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 2002 , 217, 1-7	1	21
24	A low-temperature tilter system and its application to the measurement of the anisotropy of optical rotation in K ₂ ZnCl ₄ in the vicinity of the phase transition at 145 K. <i>Phase Transitions</i> , 2001 , 73, 533-563	1.3	5
23	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
22	Osmium(IV) complexes TpOs(X)Cl ₂ and their Os(III) counterparts: oxidizing compounds with an unusual resistance to ligand substitution. <i>Dalton Transactions RSC</i> , 2001 , 3489-3497		11
21	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
20	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
19	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
18	A stable five-coordinate platinum(IV) alkyl complex. <i>Journal of the American Chemical Society</i> , 2001 , 123, 6423-4	16.4	125
17	Intrasectoral Zoning of Proteins and Nucleotides in Simple Crystalline Hosts. <i>Materials Research Society Symposia Proceedings</i> , 2000 , 620, 1		5
16	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
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
14	Comparison of experimental optical properties of TGS with calculations using the DES* model. <i>Phase Transitions</i> , 1998 , 66, 1-21	1.3	10
13	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
12	Measurement and calculation of second-harmonic generation in single-crystal spheres: application to coefficients of D-mannitol. <i>Journal Physics D: Applied Physics</i> , 1998 , 31, 767-775	3	5
11	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
10	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	1.8	16

9	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
8	Topographies of chiral and associated optical properties in FeBO ₃ using a novel polarimeter, the Filter- \square <i>Ferroelectrics</i> , 1997 , 204, 233-246	0.6	11
7	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
6	Measurement of optical rotation in crystals. <i>Ferroelectrics</i> , 1996 , 183, 133-141	0.6	42
5	Reinvestigation of optical activity in the course of the ferroelastic phase transition in cadmium-langbeinite, K ₂ Cd ₂ (SO ₄) ₃ . <i>Phase Transitions</i> , 1996 , 59, 121-133	1.3	14
4	Reinvestigation of electrogyration in triglycine sulfate. <i>Phase Transitions</i> , 1994 , 52, 235-259	1.3	11
3	Anisotropy of optical activity and Faraday effect in TeO ₂ . <i>European Physical Journal B</i> , 1993 , 90, 47-50	1.2	13
2	Faraday effect and birefringence in orthorhombic Li ₂ Ge ₇ O ₁₅ near the ferroelectric phase transition. <i>Ferroelectrics, Letters Section</i> , 1990 , 11, 63-67	0.5	8
1	Arene ruthenium, rhodium and iridium complexes containing N \square O chelating ligands: synthesis, antibacterial and antioxidant studies. <i>Journal of Coordination Chemistry</i> , 1-15	1.6	0