Derek A Tocher

List of Publications by Year
in descending order

233 papers	6,459 citations	70961 41 h-index	106150 65 g-index
244 all docs	244 docs citations	244 times ranked	5579 citing authors

#	Article	IF	Citations
1	Reactivity of unsaturated [HOs3(CO)8{Âµ3-Ph2PCH2PPh(C6H4)}] towards activated alkynes RC CR (R=CO2Et, CO2Me). Inorganica Chimica Acta, 2021, 515, 120034.	1.2	0
2	Applying the Crystalline Sponge Method to Agrochemicals: Obtaining X-ray Structures of the Fungicide Metalaxyl-M and Herbicide S-Metolachlor. Crystal Growth and Design, 2021, 21, 3024-3036.	1.4	9
3	Proton reduction by phosphinidene-capped triiron clusters. Journal of Organometallic Chemistry, 2021, 943, 121816.	0.8	0
4	Encapsulation of Aromatic Compounds and a Non-Aromatic Herbicide into a Gadolinium-Based Metalâ€“Organic Framework via the Crystalline Sponge Method. Crystal Growth and Design, 2020, 20, 7238-7245.	1.4	9
5	Two new monofunctional platinum(<scp>ii</scp>) dithiocarbamate complexes:phenanthriplatin-type axial protection, equatorial-axial conformational isomerism, and anticancer and DNA binding studies. Dalton Transactions, 2020, 49, 15385-15396.	1.6	21
6	Reactions of triosmium and triruthenium clusters with 2-ethynylpyridine: new modes for alkyne Câ€“C bond coupling and Câ€“H bond activation. RSC Advances, 2020, 10, 30671-30682.	1.7	6
7	Reactions of [Os3(CO)10(Î¼-dppm)] and [HOs3(CO)8{Î¼3-Ph2PCH2P(Ph)C6H4}] with Bu3GeH: Geâ€“H and Geâ€“C bond cleavage at triosmium centers. Journal of Organometallic Chemistry, 2019, 898, 120862.	0.8	7
8	The solid state forms of the sex hormone 17-Î²-estradiol. CrystEngComm, 2019, 21, 2154-2163.	1.3	13
9	Olanzapine Form IV: Discovery of a New Polymorphic Form Enabled by Computed Crystal Energy Landscapes. Crystal Growth and Design, 2019, 19, 2751-2757.	1.4	31
10	Activation of thiosaccharin at a polynuclear osmium cluster. Journal of Organometallic Chemistry, 2019, 880, 223-231.	0.8	4
11	Reaction of electron-deficient 6-methoxyquinolinate-substituted cluster [Os3(CO)9{Î¼3-Î·1,Î²1-C9H5N(6-OMe)}(Î¼-H)] with PPh3: Thermally induced ligand isomerization, decarbonylation and orthometallation. Inorganica Chimica Acta, 2018, 478, 25-31.	1.2	3
12	Investigation on the reactivity of tetranuclear Group 7/8 mixed-metal clusters toward triphenylphosphine. Polyhedron, 2018, 146, 154-160.	1.0	7
13	Photophysics of a mono-nuclear tetrahedral silver(I)N4 core and its copper(I) analog. Inorganica Chimica Acta, 2018, 471, 649-657.	1.2	2
14	Experimental and computational preference for phosphine regioselectivity and stereoselective tripodal rotation in HOs₃(CO)₈(PPh₃)₂(Î¼-1,2-N,C-Î·¹,Î²¹-C₇H< RSC Advances, 2018, 8, 32672-32683.	1.7	10
15	Successful Computationally Directed Templating of Metastable Pharmaceutical Polymorphs. Crystal Growth and Design, 2018, 18, 5322-5331.	1.4	52
16	Dynamic behaviour in nicotinate-bridged binuclear ruthenium(IV) complexes. Polyhedron, 2018, 147, 152-155.	1.0	1
17	Reversible C-H bond activation at a triosmium centre: A comparative study of the reactivity of unsaturated triosmium clusters Os 3 (CO) 8 (Î¼-dppm)(Î¼-H) 2 and Os 3 (CO) 8 (Î¼-dppf)(Î¼-H) 2 with activated alkynes. Journal of Organometallic Chemistry, 2017, 836-837, 68-80.	0.8	7
18	Mixed main group transition metal clusters: Reactions of [Ru 3 (CO) 10 (Î¼-dppm)] with Ph 3 SnH. Journal of Organometallic Chemistry, 2017, 840, 47-55.	0.8	8

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19	Are Oxygen and Sulfur Atoms Structurally Equivalent in Organic Crystals?. Crystal Growth and Design, 2017, 17, 827-833.	1.4	35
20	Reactions of Ru3(CO)10(Î¼-dppm) with Ph3GeH: Geâ€“H and Geâ€“C bond cleavage in Ph3GeH at triruthenium clusters. Journal of Organometallic Chemistry, 2017, 843, 75-86.	0.8	12
21	Reactions of the face-capped benzothiazolate-substituted clusters Os3(CO)9(Î¼3,Î·2-C7H3NSR)(Î¼-H) (RÂ=ÂH, Me) with PPh3: Kinetic formation of Os3(CO)9(PPh3)(Î¼,Î·2-C7H3NSR)(Î¼-H) and thermally induced ligand isomerization. Journal of Organometallic Chemistry, 2017, 849-850, 337-349.	0.8	4
22	Intermolecular Interactions between Encapsulated Aromatic Compounds and the Host Framework of a Crystalline Sponge. Crystal Growth and Design, 2017, 17, 858-863.	1.4	16
23	Alkyne activation and polyhedral reorganization in benzothiazolate-capped osmium clusters on reaction with diethyl acetylenedicarboxylate (DEAD) and ethyl propiolate. Dalton Transactions, 2017, 46, 13597-13609.	1.6	2
24	The Crystalline Sponge Method: A Systematic Study of the Reproducibility of Simple Aromatic Molecule Encapsulation and Guestâ€“Host Interactions. Crystal Growth and Design, 2016, 16, 3465-3472.	1.4	43
25	Polymorphism in 2-Chlorobenzamide: Run of the Mill or Not?. Crystal Growth and Design, 2016, 16, 6144-6147.	1.4	3
26	Oxidative-addition of germaniumâ€“hydrogen bonds to triosmium centers: Reactions of Os3(CO)10(Î¼-dppm) and Os3(CO)8(Î¼3-Ph2PCH2P(Ph)C6H4)(Î¼-H) with Ph3GeH. Journal of Organometallic Chemistry, 2016, 812, 240-246.	0.8	13
27	Iron carbonyl complexes bearing phenazine and acridine ligands: X-ray structures of Fe(CO)3(Î·4-C12H8N2), Fe(CO)2{P(OMe)3}(Î·4-C12H8N2), Fe(CO)2(PPh3) (Î·4-C13H9N), and Fe(CO)2(Îº1-dppm) (Î·4-C12H8N2). Journal of Organometallic Chemistry, 2016, 805, 34-41.	0.8	7
28	Thermal transformations of tris(2-thienyl)phosphine (PTh3) at low-valent ruthenium cluster centers: Part I. Carbonâ€“hydrogen, carbonâ€“phosphorus and carbonâ€“sulfur bond activation yielding Ru3(CO)8L{Î¼-Th2P(C4H2S)}(Î¼-H) (LÂ=ÂCO, PTh3), Ru3(CO)7(Î¼-PTh2)2(Î¼3-Î·2-C4H2S), Ru4(CO)9(Î¼-CO)2(Î¼4-Î·2-C4H2S)(Î¼4-PTh) and Ru5(CO)11(Î¼-PTh2)(Î¼4-Î·4-C4H3)(Î¼4-S). Journal of Organometallic Chemistry, 2016, 812, 197-206.	0.8	7
29	Erythroivorensin: A novel anti-inflammatory diterpene from the root-bark of Erythrophleum ivorense (A Chev.). FÃ¬toterapÃ¬Ã¢, 2015, 105, 37-42.	1.1	18
30	Oxidative-addition of the Nâ€“H bond of saccharin (sacH) to a triosmium centre: Synthesis, structure and reactivity of Os 3 (CO) 10 (Î¼-H)(Î¼-sac). Journal of Organometallic Chemistry, 2015, 799-800, 281-290.	0.8	6
31	Stereoselective synthesis of 1,2-diamine containing indolines by a conjugate addition nitro-mannich reaction. Organic and Biomolecular Chemistry, 2015, 13, 170-177.	1.5	9
32	Phosphine addition to the Ïƒ,Ï€â€“thienyl complex [Fe2(CO)6(Î¼-Th)(Î¼-PTh2)] (Th = C4H3S): Carbonyl substitution and migratory carbonyl insertion to give the thienylâ€“acyl complexes [Fe2(CO)4(diphosphine)(Î¼-O C-Th)(Î¼-PTh2)]. Inorganica Chimica Acta, 2015, 430, 208-215.	1.2	2
33	Crystal structure of [butane-2,3-dione bis(4-methylthiosemicarbazonato)-Îº4S,N1,N1â€²,Sâ€²](pyridine-ÎºN)zinc(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1349-1351.	0.2	1
34	Reactions of the Ïƒ,Ï€-furyl complex [Fe2(CO)6(Î¼-Fu)(Î¼-PFu2)] (FuÂ=ÂC4H3O) with phosphines: Carbonyl substitution, migratory carbonyl insertion and cyclometallation-induced furan elimination. Journal of Organometallic Chemistry, 2014, 751, 326-335.	0.8	11
35	A comparative study of the reactivity of the lightly stabilized cluster [Os3(CO)8{Î¼3-Ph2PCH2P(Ph)C6H4}(Î¼-H)] towards tri(2-thienyl)-, tri(2-furyl)- and triphenyl-phosphine. Journal of Organometallic Chemistry, 2014, 751, 399-411.	0.8	9
36	Cyclisation reactions of N-cinnamoyl-9-aminoanthracenes. Organic and Biomolecular Chemistry, 2014, 12, 3211-3221.	1.5	3

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37	Bimetallic osmium-tin complexes: Stannylene and hydrostannylene clusters upon addition of Ph3SnH to unsaturated triosmium clusters [(Î¼-H)2Os3(CO)8(Î¼-diphosphine)] (diphosphine = dppm, dppf). Inorganica Chimica Acta, 2014, 409, 320-329.	1.2	21
38	Absorbing a Little Water: The Structural, Thermodynamic, and Kinetic Relationship between Pyrogallol and Its Tetarto-Hydrate. Crystal Growth and Design, 2013, 13, 4071-4083.	1.4	39
39	The Triflic Acid-Mediated Cyclization Reactions of N-Cinnamoyl-1-Naphthylamines. Journal of Organic Chemistry, 2013, 78, 10938-10946.	1.7	14
40	Complex Polymorphic System of Gallic Acidâ€"Five Monohydrates, Three Anhydrates, and over 20 Solvates. Crystal Growth and Design, 2013, 13, 19-23.	1.4	97
41	Screening for cocrystals of succinic acid and 4-aminobenzoic acid. CrystEngComm, 2012, 14, 2454.	1.3	41
42	The Complexity of Hydration of Phloroglucinol: A Comprehensive Structural and Thermodynamic Characterization. Journal of Physical Chemistry B, 2012, 116, 3961-3972.	1.2	60
43	Reductive Nitro-Mannich Route for the Synthesis of 1,2-Diamine Containing Indolines and Tetrahydroquinolines. Journal of Organic Chemistry, 2012, 77, 6703-6727.	1.7	32
44	Solid-State Forms of Î²-Resorcylic Acid: How Exhaustive Should a Polymorph Screen Be?. Crystal Growth and Design, 2011, 11, 210-220.	1.4	55
45	Computational prediction of salt and cocrystal structuresâ€"Does a proton position matter?. International Journal of Pharmaceutics, 2011, 418, 187-198.	2.6	60
46	Chalcogenide-capped triruthenium clusters: X-ray structures of [Ru3(CO)6(Î¼3-CO){P(C4H3S)3}(Î¼-dppm)(Î¼3-O)] and [(Î¼-H)2Ru3(CO)6{P(C4H3S)3}(Î¼-dppm)(Î¼3-S)]. Inorganica Chimica Acta, 2011, 376, 170-174.	1.2	11
47	Reaction of tri(2-furyl)phosphine with triosmium clusters: Câ€"H and Pâ€"C activation to afford furyne and phosphinidene ligands. Journal of Organometallic Chemistry, 2011, 696, 607-612.	0.8	13
48	Unsymmetrical alkyne binding to a triruthenium centre: Oxidative-addition of diphenyl ditelluride to the furyne cluster [Ru3(CO)7(Î¼-H)(Î¼3-Î·2-C4H2O){Î¼-P(C4H3O)2}(Î¼-dppm)]. Journal of Organometallic Chemistry, 2011, 696, 1982-1989.	0.8	12
49	A computationally inspired investigation of the solid forms of (R)â€1â€phenylethylammoniumâ€(S)â€2â€phenylbutyrate. Chirality, 2010, 22, 447-455.	1.3	6
50	Carbonâ€"hydrogen bond activation of phenyldi(2-thienyl)phosphine at a triosmium cluster centre. Inorganica Chimica Acta, 2010, 363, 1611-1614.	1.2	12
51	Synthesis, AACVD and X-ray crystallographic structures of group 13 monoalkoxometallanes. Main Group Chemistry, 2010, 9, 31-40.	0.4	18
52	A facile synthesis of dibenzopyrroloazepinones as tetracyclic allocolchicinoidsâ€"an unusual 1,2-phenyl shift. Chemical Communications, 2010, 46, 318-320.	2.2	12
53	Metalla-macro-tricyclic cryptands: anion encapsulation and selective separation of sulfate via in situ crystallization. New Journal of Chemistry, 2010, 34, 2458.	1.4	29
54	Diastereoselective Thia-Claisen Rearrangement of Pyrrolidinone-Derived [nl]Ketene N,S-Acetals. Synlett, 2009, 2009, 3052-3052.	1.0	1

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55	Cleavage of Geâ€“S and Câ€“H bonds in the reaction of electron-deficient [Os3(CO)8(Î¼-H)(Î¼3-Ph2PCH2P(Ph)C6H4)] with Ph3GeSPh: Generation of thiophenol derivatives [Os3(CO)8(Î¼-H)(Î¼-SPh)(Î¼-dppm)] and [Os3(CO)7(Î¼-H)(Î¼-SPh)(Î¼3-SC6H4)(Î¼-dppm)]. Journal of Organometallic Chemistry, 2009, 694, 752-756.	0.8	14
56	Reactivity of the triruthenium ortho-metalated cluster [Ru3(CO)9{Î¼3-Î·1,Î²1,Î²2-PhP(C6H4)CH2PPh}] with tri(2-thienyl)phosphine and tri(2-furyl)phosphine: Formation of 1,3-diphenyl-2,3-dihydro-1H-1,3-benzodiphosphine complexes via phosphorusâ€“carbon bond formation. Journal of Organometallic Chemistry, 2009, 694, 3312-3319.	0.8	14
57	Salt or Cocrystal? A New Series of Crystal Structures Formed from Simple Pyridines and Carboxylic Acids. Crystal Growth and Design, 2009, 9, 2881-2889.	1.4	183
58	Probing weak non-covalent interactions in solution and solid states with designed molecules. Physical Chemistry Chemical Physics, 2009, 11, 97-100.	1.3	25
59	A facile synthesis of pyrrolo-(di)-benzazocinones via an intramolecular N-acyliminium ion cyclisation. Organic and Biomolecular Chemistry, 2009, 7, 167-177.	1.5	18
60	Reaction of [Ru3(CO)12] with tri(2-furyl)phosphine: Di- and tri-substituted triruthenium and phosphido-bridged diruthenium complexes. Journal of Organometallic Chemistry, 2008, 693, 1645-1655.	0.8	20
61	Syntheses, X-ray structures and CVD studies of diorganoalkoxogallanes. Journal of Organometallic Chemistry, 2008, 693, 1787-1796.	0.8	36
62	Reactions of rhenium and manganese carbonyl complexes with 1,8-bis(diphenylphosphino)naphthalene: Ligand chelation, Câ€“H and Câ€“P bond-cleavage reactions. Journal of Organometallic Chemistry, 2008, 693, 2657-2665.	0.8	33
63	A comparative study of the reactivity of unsaturated triosmium clusters [Os3(CO)8{Î¼3-Ph2PCH2P(Ph)C6H4}(Î¼-H)] and [Os3(CO)9{Î¼3-Î·2-C7H3(2-Me)NS}(Î¼-H)] with BuNC. Journal of Organometallic Chemistry, 2008, 693, 3613-3621.	0.8	18
64	Synthesis of the Tagetitoxin Core via Photo-Stevens Rearrangement. Organic Letters, 2008, 10, 5477-5480.	2.4	30
65	Reactivity of triruthenium thiophyne and furyne clusters: competitive Sâ€“C and Pâ€“C bond cleavage reactions and the generation of highly unsymmetrical alkyne ligands. Dalton Transactions, 2008, , 6219.	1.6	30
66	Concise synthesis of bicyclic aminals and their evaluation as precursors to the sarain core. Organic and Biomolecular Chemistry, 2008, 6, 2941.	1.5	18
67	A Systematic Experimental and Theoretical Study of the Crystalline State of Six Chloronitrobenzenes. Crystal Growth and Design, 2008, 8, 24-36.	1.4	24
68	Discovery of three polymorphs of 7-fluoroisatin reveals challenges in using computational crystal structure prediction as a complement to experimental screening. CrystEngComm, 2008, , .	1.3	3
69	The observed and energetically feasible crystal structures of 5-substituted uracils. New Journal of Chemistry, 2008, 32, 1761.	1.4	39
70	Synthesis and structures of gallium alkoxides. New Journal of Chemistry, 2008, 32, 1513.	1.4	22
71	Magnetic molecular charge-transfer salts containing layers of water and tris(oxalato)ferrate(<scp>iii</scp>) anions. CrystEngComm, 2008, 10, 192-196.	1.3	17
72	Diastereoselective Thia-Claisen Rearrangement of Pyrrolidinone-Derived KeteneN,S-Acetals. Synlett, 2008, 2008, 2199-2209.	1.0	0

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73	Search for a Predicted Hydrogen Bonding Motif â^' A Multidisciplinary Investigation into the Polymorphism of 3-Azabicyclo[3.3.1]nonane-2,4-dione. Journal of the American Chemical Society, 2007, 129, 3649-3657.	6.6	61
74	Synthesis of Group 13 Sesquialkoxides and Their Application as Precursors to Crystalline Oxide Films. Organometallics, 2007, 26, 403-407.	1.1	35
75	Toward the Computational Design of Diastereomeric Resolving Agents:Â An Experimental and Computational Study of 1-Phenylethylammonium-2-phenylacetate Derivatives. Journal of Physical Chemistry B, 2007, 111, 5326-5336.	1.2	47
76	Bimetallic Osmiumâ^'Tin Clusters:â€‰ Addition of Triphenyltinhydride to Unsaturated [Os₃(CO)₈{Î¼₃-Ph₂PCH₂P(Ph)C₆H₄} and Saturated [Os₃(CO)₁₀(Î¼-dppm)]. Organometallics, 2007, 26, 6473-6480.	1.1	26
77	Chelate and Bridge Diphosphine Isomerization:â€‰ Triosmium and Triruthenium Clusters Containing 1,1â€˜-Bis(diphenylphosphino)ferrocene (dppf). Organometallics, 2007, 26, 6462-6472.	1.1	27
78	Synthesis and Solid-State Structures of Pyrazolylmethane Complexes of the Rare Earths. Inorganic Chemistry, 2007, 46, 1856-1864.	1.9	20
79	Aerosol Assisted Chemical Vapor Deposition of In₂O₃ Films from Me₃In and Donor Functionalized Alcohols. Inorganic Chemistry, 2007, 46, 9473-9480.	1.9	59
80	Metallo-Organic Domino Reactions: Cï£¿H versus Cï£¿C Bond Breaking. Chemistry - A European Journal, 2007, 13, 2230-2237.	1.7	6
81	The polymorphism of progesterone: Stabilization of a â€˜disappearingâ€™ polymorph by coâ€crystallization. Journal of Pharmaceutical Sciences, 2007, 96, 3419-3431.	1.6	72
82	Synthesis and characterisation of titanium pyridine- and pyrimidine-thiolates and their application as precursors to titanium disulfide. Polyhedron, 2007, 26, 43-48.	1.0	15
83	Electrochemical reduction of Ru(Î·6-arene)(Îº3-tris(pyrazolyl)methane) dicationic complexes. Journal of Organometallic Chemistry, 2007, 692, 3300-3305.	0.8	8
84	Two modes of Câ€“H bond activation of tris(2-thienyl)phosphine in trinuclear osmium carbonyl clusters. Journal of Organometallic Chemistry, 2007, 692, 5007-5016.	0.8	20
85	7-Fluoroisatinâ€“1,4-dioxane (1/1). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3574-o3574.	0.2	9
86	7-Fluoroisatinâ€“dimethyl sulfoxide (1/1). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3575-o3575.	0.2	7
87	5-Fluoroisatinâ€“dimethyl sufoxide (1/1). Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3576-o3576.	0.2	2
88	5-Fluoro-3-hydroxy-3-(nitromethyl)-1H-indol-2(3H)-one. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3577-o3577.	0.2	0
89	The solvates of o-acetamidobenzamide. CrystEngComm, 2006, 8, 313.	1.3	20
90	Racemic progesterone: predicted in silico and produced in the solid state. Chemical Communications, 2006, , 4921-3.	2.2	10

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91	Modulation of the Lowest Metal-to-Ligand Charge-Transfer State in [Ru(bpy)2(Nâ^'N)]2+ Systems by Changing the Nâ^'N from Hydrazone to Azine:â€‰ Photophysical Consequences. Inorganic Chemistry, 2006, 45, 9580-9586.	1.9	20
92	The Discovery of New Crystal Forms of 5-Fluorocytosine Consistent with the Results of Computational Crystal Structure Prediction. Crystal Growth and Design, 2006, 6, 481-487.	1.4	51
93	5-Fluorouracil and thymine form a crystalline solid solution. Acta Crystallographica Section C: Crystal Structure Communications, 2006, 62, o412-o415.	0.4	10
94	Single-crystal X-ray and neutron powder diffraction investigation of the phase transition in tetrachlorobenzene. Acta Crystallographica Section B: Structural Science, 2006, 62, 287-295.	1.8	21
95	3-Azabicyclo[3.3.1]nonane-2,4-dioneâ€“acetic acid (1/1). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o545-o547.	0.2	0
96	1-Chloro-3,4-dinitrobenzeneâ€“1,4-dioxane (1/1). Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o1662-o1663.	0.2	2
97	Triosmium clusters containing bridging dppm and EPh (E=S, Te) ligands: X-ray structures of [(Î¼-H)Os3(CO)7(Î¼-SPh){Î¼3-Î·4-Ph2PCHP(Ph)C6H4}], [Os3(CO)8(Î¼-SPh)2(Î¼-dppm)] and [Os3(CO)8(Î¼-TePh)2(Î¼-dppm)]. Journal of Organometallic Chemistry, 2006, 691, 97-104.	1.9	15
98	Molecular and supramolecular structures of benzil dihydrazone, an organic helical molecule. Comparison with diacetyl dihydrazone. CrystEngComm, 2006, 8, 670.	1.3	18
99	Spectroscopic, Structural and Theoretical Investigation of Alkenyl Ruthenium Complexes Supported by Sulfurâ€“Nitrogen Mixed-Donor Ligands. European Journal of Inorganic Chemistry, 2006, 2006, 3068-3078.	1.0	31
100	New Synthesis of Î²-Sultams from Pentafluorophenyl Sulfonates. Organic Letters, 2006, 8, 5513-5515.	2.4	24
101	Molecular Design of Precursors for the Chemical Vapor Deposition of Group 13 Chalcogenides. ACS Symposium Series, 2005, , 376-389.	0.5	0
102	Ruthenium hydride and vinyl complexes supported by nitrogenâ€“oxygen mixed-donor ligands. Inorganica Chimica Acta, 2005, 358, 3218-3226.	1.2	26
103	Aerosol-Assisted Chemical Vapor Deposition of NbS2 and TaS2 Thin Films from Pentakis(dimethylamido)metal Complexes and 2-Methylpropanethiol. European Journal of Inorganic Chemistry, 2005, 2005, 4179-4185.	1.0	32
104	Carbon?Carbon Bond Formation by Radical Addition?Fragmentation Reactions of O-Alkylated Enols.. ChemInform, 2005, 36, no.	0.1	0
105	Triphenylphosphine-substituted selenido and sulfido clusters of osmium derived from Ph3PSe or Ph3PS. Journal of Organometallic Chemistry, 2005, 690, 4628-4639.	0.8	12
106	A low-temperature redetermination of metaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o857-o859.	0.2	1
107	Redetermination of guaninium chloride dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1023-o1025.	0.2	6
108	A low-temperature determination of butyramide. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o1985-o1986.	0.2	2

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109	4-Amino-5-fluoropyrimidin-2(1H)-oneâ€“2-amino-5-fluoropyrimidin-4(3H)-oneâ€“water (1/1/1). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2112-o2113.	0.2	6
110	A low-temperature determination of triethylenediaminium dichloride dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2202-o2204.	0.2	5
111	5-Fluorouracilâ€“2,2,2-trifluoroethanol (1/1). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3661-o3663.	0.2	7
112	Synthesis of Enantiopure Aminocyclopropanes by Diastereoselective Addition of a Chiral Amino Substituted Organozinc Carbenoid to Alkenes. Synthesis, 2005, 2005, 3186-3188.	1.2	0
113	Mixed-Donor Ligands:â€‰ Pyrrolecarbaldehyde and Pyrrolecarbothioaldehyde Ïƒ-Organyl Complexes of Ruthenium(II) and Osmium(II). Organometallics, 2005, 24, 2862-2874.	1.1	31
114	Anion binding by Ag(i) complexes of urea-substituted pyridyl ligands. New Journal of Chemistry, 2005, 29, 90.	1.4	76
115	Reactivity of tetrakisdimethylamido-titanium(iv) and -zirconium(iv) with thiols. New Journal of Chemistry, 2005, 29, 620.	1.4	8
116	Ïƒ-Organyl complexes of ruthenium and osmium supported by a mixed-donor ligand. Dalton Transactions, 2005, , 1930.	1.6	30
117	Mechanistic Studies on theO-Directed Free-Radical Hydrostannation of Disubstituted Acetylenes with Ph3SnH and Et3B and on the Iodination of Allylically Oxygenated Î±-Triphenylstannylalkenes. Organic Letters, 2005, 7, 5377-5380.	2.4	38
118	Thiocarbamoyl Complexes of Ruthenium(II), Rhodium(III), and Iridium(III). Organometallics, 2005, 24, 5342-5355.	1.1	20
119	Investigating Unused Hydrogen Bond Acceptors Using Known and Hypothetical Crystal Polymorphism. Crystal Growth and Design, 2005, 5, 983-993.	1.4	49
120	A New Polymorph of 5-Fluorouracil Found Following Computational Crystal Structure Predictions. Journal of the American Chemical Society, 2005, 127, 1116-1117.	6.6	164
121	Occurrence of ribbons of cyclic water pentamers in a metallo-organic framework formed by spontaneous fixation of CO2. CrystEngComm, 2005, 7, 67.	1.3	79
122	Pyrrole Thioaldehyde Complexes of Nickel, Palladium and Platinum. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 1372-1378.	0.3	2
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124	Redetermination of 5,5-dihydroxybarbituric acid trihydrate (alloxan tetrahydrate). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1748-o1750.	0.2	3
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