

Derek A Tocher

List of Publications by Year in descending order

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233
papers

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#	ARTICLE	IF	CITATIONS
1	Reactivity of unsaturated $[\text{HOs}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}_2\text{PPh}(\text{C}_6\text{H}_4)\}]$ towards activated alkynes RC CR (R=CO ₂ Et, CO ₂ Me). <i>Inorganica Chimica Acta</i> , 2021, 515, 120034.	2.4	0
2	Applying the Crystalline Sponge Method to Agrochemicals: Obtaining X-ray Structures of the Fungicide Metalaxyl-M and Herbicide <i>S</i> -Metolachlor. <i>Crystal Growth and Design</i> , 2021, 21, 3024-3036.	3.0	9
3	Proton reduction by phosphinidene-capped triiron clusters. <i>Journal of Organometallic Chemistry</i> , 2021, 943, 121816.	1.8	0
4	Encapsulation of Aromatic Compounds and a Non-Aromatic Herbicide into a Gadolinium-Based Metal-Organic Framework via the Crystalline Sponge Method. <i>Crystal Growth and Design</i> , 2020, 20, 7238-7245.	3.0	9
5	Two new monofunctional platinum(<i>II</i>) dithiocarbamate complexes: <i>phenanthriplatin</i> -type axial protection, equatorial-axial conformational isomerism, and anticancer and DNA binding studies. <i>Dalton Transactions</i> , 2020, 49, 15385-15396.	3.3	21
6	Reactions of triosmium and triruthenium clusters with 2-ethynylpyridine: new modes for alkyne C-H bond coupling and C-H bond activation. <i>RSC Advances</i> , 2020, 10, 30671-30682.	3.6	6
7	Reactions of $[\text{Os}_3(\text{CO})_{10}(\mu_4\text{-dppm})]$ and $[\text{HOs}_3(\text{CO})_8\{\mu_3\text{-Ph}_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_4\}]$ with Bu_3GeH : Ge-H and Ge-C bond cleavage at triosmium centers. <i>Journal of Organometallic Chemistry</i> , 2019, 898, 120862.	1.8	7
8	The solid state forms of the sex hormone 17- β -estradiol. <i>CrystEngComm</i> , 2019, 21, 2154-2163.	2.6	13
9	Olanzapine Form IV: Discovery of a New Polymorphic Form Enabled by Computed Crystal Energy Landscapes. <i>Crystal Growth and Design</i> , 2019, 19, 2751-2757.	3.0	31
10	Activation of thiosaccharin at a polynuclear osmium cluster. <i>Journal of Organometallic Chemistry</i> , 2019, 880, 223-231.	1.8	4
11	Reaction of electron-deficient 6-methoxyquinolinato-substituted cluster $[\text{Os}_3(\text{CO})_9\{\mu_3\text{-}^i\text{Pr}_1\text{-C}_9\text{H}_5\text{N}(6\text{-OMe})\}(\mu_4\text{-H})]$ with PPh_3 : Thermally induced ligand isomerization, decarbonylation and orthometallation. <i>Inorganica Chimica Acta</i> , 2018, 478, 25-31.	2.4	3
12	Investigation on the reactivity of tetranuclear Group 7/8 mixed-metal clusters toward triphenylphosphine. <i>Polyhedron</i> , 2018, 146, 154-160.	2.2	7
13	Photophysics of a mono-nuclear tetrahedral silver(I) ₄ core and its copper(I) analog. <i>Inorganica Chimica Acta</i> , 2018, 471, 649-657.	2.4	2
14	Experimental and computational preference for phosphine regioselectivity and stereoselective tripod rotation in $\text{HOs}_3(\text{CO})_8(\text{PPh}_3)_2(\mu_4\text{-}i\text{-Pr}_1\text{-}i\text{-Pr}_2\text{-}i\text{-Pr}_3\text{-}i\text{-Pr}_4\text{-}i\text{-Pr}_5\text{-}i\text{-Pr}_6\text{-}i\text{-Pr}_7\text{-}i\text{-Pr}_8\text{-}i\text{-Pr}_9\text{-}i\text{-Pr}_{10})$. <i>RSC Advances</i> , 2018, 8, 32672-32683.	3.6	10
15	Successful Computationally Directed Templating of Metastable Pharmaceutical Polymorphs. <i>Crystal Growth and Design</i> , 2018, 18, 5322-5331.	3.0	52
16	Dynamic behaviour in nicotinate-bridged binuclear ruthenium(IV) complexes. <i>Polyhedron</i> , 2018, 147, 152-155.	2.2	1
17	Reversible C-H bond activation at a triosmium centre: A comparative study of the reactivity of unsaturated triosmium clusters $\text{Os}_3(\text{CO})_8(\mu_4\text{-dppm})(\mu_4\text{-H})_2$ and $\text{Os}_3(\text{CO})_8(\mu_4\text{-dppf})(\mu_4\text{-H})_2$ with activated alkynes. <i>Journal of Organometallic Chemistry</i> , 2017, 836-837, 68-80.	1.8	7
18	Mixed main group transition metal clusters: Reactions of $[\text{Ru}_3(\text{CO})_{10}(\mu_4\text{-dppm})]$ with Ph_3SnH . <i>Journal of Organometallic Chemistry</i> , 2017, 840, 47-55.	1.8	8

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19	Are Oxygen and Sulfur Atoms Structurally Equivalent in Organic Crystals?. <i>Crystal Growth and Design</i> , 2017, 17, 827-833.	3.0	35
20	Reactions of Ru ₃ (CO) ₁₀ (η^4 -dppm) with Ph ₃ GeH: Ge-H and Ge-C bond cleavage in Ph ₃ GeH at triruthenium clusters. <i>Journal of Organometallic Chemistry</i> , 2017, 843, 75-86.	1.8	12
21	Reactions of the face-capped benzothiazolate-substituted clusters Os ₃ (CO) ₉ (η^3 - η^2 -C ₇ H ₃ NSR)(η^4 -H) (R=H, Me) with PPh ₃ : Kinetic formation of Os ₃ (CO) ₉ (PPh ₃)(η^3 - η^2 -C ₇ H ₃ NSR)(η^4 -H) and thermally induced ligand isomerization. <i>Journal of Organometallic Chemistry</i> , 2017, 849-850, 337-349.	1.8	4
22	Intermolecular Interactions between Encapsulated Aromatic Compounds and the Host Framework of a Crystalline Sponge. <i>Crystal Growth and Design</i> , 2017, 17, 858-863.	3.0	16
23	Alkyne activation and polyhedral reorganization in benzothiazolate-capped osmium clusters on reaction with diethyl acetylenedicarboxylate (DEAD) and ethyl propiolate. <i>Dalton Transactions</i> , 2017, 46, 13597-13609.	3.3	2
24	The Crystalline Sponge Method: A Systematic Study of the Reproducibility of Simple Aromatic Molecule Encapsulation and Guest-Host Interactions. <i>Crystal Growth and Design</i> , 2016, 16, 3465-3472.	3.0	43
25	Polymorphism in 2-Chlorobenzamide: Run of the Mill or Not?. <i>Crystal Growth and Design</i> , 2016, 16, 6144-6147.	3.0	3
26	Oxidative-addition of germanium-hydrogen bonds to triosmium centers: Reactions of Os ₃ (CO) ₁₀ (η^4 -dppm) and Os ₃ (CO) ₈ (η^3 -Ph ₂ PCH ₂ P(Ph) ₂ C ₆ H ₄)(η^4 -H) with Ph ₃ GeH. <i>Journal of Organometallic Chemistry</i> , 2016, 812, 240-246.	1.8	13
27	Iron carbonyl complexes bearing phenazine and acridine ligands: X-ray structures of Fe(CO) ₃ (η^4 -C ₁₂ H ₈ N ₂), Fe(CO) ₂ {P(OMe) ₃ }(η^4 -C ₁₂ H ₈ N ₂), Fe(CO) ₂ (PPh ₃)(η^4 -C ₁₃ H ₉ N), and Fe(CO) ₂ (η^4 -dppm)(η^4 -C ₁₂ H ₈ N ₂). <i>Journal of Organometallic Chemistry</i> , 2016, 805, 34-41.	1.8	7
28	Thermal transformations of tris(2-thienyl)phosphine (PTh ₃) at low-valent ruthenium cluster centers: Part I. Carbon-hydrogen, carbon-phosphorus and carbon-sulfur bond activation yielding Ru ₃ (CO) ₈ L(η^4 -Th ₂ P(C ₄ H ₂ S))(η^4 -H) (L=ACO, PTh ₃), Ru ₃ (CO) ₇ (η^4 -PTh ₂) ₂ (η^3 - η^2 -C ₄ H ₂ S), Ru ₄ (CO) ₉ (η^4 -CO) ₂ (η^4 - η^2 -C ₄ H ₂ S)(η^4 -PTh) and Ru ₅ (CO) ₁₁ (η^4 -PTh ₂)(η^4 - η^4 -C ₄ H ₃)(η^4 -S). <i>Journal of Organometallic Chemistry</i> , 2016, 812, 197-206.	1.8	7
29	Erythroivorenin: A novel anti-inflammatory diterpene from the root-bark of <i>Erythrophleum ivorense</i> (A Chev.). <i>FÄ-toterapÄ-Äç</i> , 2015, 105, 37-42.	2.2	18
30	Oxidative-addition of the N-H bond of saccharin (sachH) to a triosmium centre: Synthesis, structure and reactivity of Os ₃ (CO) ₁₀ (η^4 -H)(η^4 -sac). <i>Journal of Organometallic Chemistry</i> , 2015, 799-800, 281-290.	1.8	6
31	Stereoselective synthesis of 1,2-diamine containing indolines by a conjugate addition nitro-mannich reaction. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 170-177.	2.8	9
32	Phosphine addition to the η^5 -thienyl complex [Fe ₂ (CO) ₆ (η^4 -Th)(η^4 -PTh ₂)] (Th = C ₄ H ₃ S): Carbonyl substitution and migratory carbonyl insertion to give the thienyl-acyl complexes [Fe ₂ (CO) ₄ (diphosphine)(η^4 -O C-Th)(η^4 -PTh ₂)]. <i>Inorganica Chimica Acta</i> , 2015, 430, 208-215.	2.4	2
33	Crystal structure of [butane-2,3-dione bis(4-methylthiosemicarbazonato)- η^4 S,N ₁ ,N ₁ -(π^2)(pyridine- η^5 N)zinc(II)] _{0.5} . <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 1349-1351.	0.5	1
34	Reactions of the η^5 -furyl complex [Fe ₂ (CO) ₆ (η^4 -Fu)(η^4 -PFu ₂)] (Fu=C ₄ H ₃ O) with phosphines: Carbonyl substitution, migratory carbonyl insertion and cyclometallation-induced furan elimination. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 326-335.	1.8	11
35	A comparative study of the reactivity of the lightly stabilized cluster [Os ₃ (CO) ₈ (η^3 -Ph ₂ PCH ₂ P(Ph) ₂ C ₆ H ₄)(η^4 -H)] towards tri(2-thienyl)-, tri(2-furyl)- and triphenyl-phosphine. <i>Journal of Organometallic Chemistry</i> , 2014, 751, 399-411.	1.8	9
36	Cyclisation reactions of N-cinnamoyl-9-aminoanthracenes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3211-3221.	2.8	3

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37	Bimetallic osmium-tin complexes: Stannylene and hydrostannylene clusters upon addition of Ph ₃ SnH to unsaturated triosmium clusters [(1/4-H) ₂ Os ₃ (CO) ₈ (1/4-diphosphine)] (diphosphine = dppm, dppf). <i>Inorganica Chimica Acta</i> , 2014, 409, 320-329.	2.4	21
38	Absorbing a Little Water: The Structural, Thermodynamic, and Kinetic Relationship between Pyrogallol and Its Tetarto-Hydrate. <i>Crystal Growth and Design</i> , 2013, 13, 4071-4083.	3.0	39
39	The Triflic Acid-Mediated Cyclization Reactions of N-Cinnamoyl-1-Naphthylamines. <i>Journal of Organic Chemistry</i> , 2013, 78, 10938-10946.	3.2	14
40	Complex Polymorphic System of Gallic Acid—Five Monohydrates, Three Anhydrides, and over 20 Solvates. <i>Crystal Growth and Design</i> , 2013, 13, 19-23.	3.0	97
41	Screening for cocrystals of succinic acid and 4-aminobenzoic acid. <i>CrystEngComm</i> , 2012, 14, 2454.	2.6	41
42	The Complexity of Hydration of Phloroglucinol: A Comprehensive Structural and Thermodynamic Characterization. <i>Journal of Physical Chemistry B</i> , 2012, 116, 3961-3972.	2.6	60
43	Reductive Nitro-Mannich Route for the Synthesis of 1,2-Diamine Containing Indolines and Tetrahydroquinolines. <i>Journal of Organic Chemistry</i> , 2012, 77, 6703-6727.	3.2	32
44	Solid-State Forms of 1 ² -Resorcylic Acid: How Exhaustive Should a Polymorph Screen Be?. <i>Crystal Growth and Design</i> , 2011, 11, 210-220.	3.0	55
45	Computational prediction of salt and cocrystal structures—Does a proton position matter?. <i>International Journal of Pharmaceutics</i> , 2011, 418, 187-198.	5.2	60
46	Chalcogenide-capped triruthenium clusters: X-ray structures of [Ru ₃ (CO) ₆ (1/4-CO){P(C ₄ H ₃ S) ₃ }(1/4-dppm)(1/4-O)] and [(1/4-H) ₂ Ru ₃ (CO) ₆ {P(C ₄ H ₃ S) ₃ }(1/4-dppm)(1/4-S)]. <i>Inorganica Chimica Acta</i> , 2011, 376, 170-174.	1.8	11
47	Reaction of tri(2-furyl)phosphine with triosmium clusters: C—H and P—C activation to afford furyne and phosphinidene ligands. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 607-612.	1.8	13
48	Unsymmetrical alkyne binding to a triruthenium centre: Oxidative-addition of diphenyl ditelluride to the furyne cluster [Ru ₃ (CO) ₇ (1/4-H)(1/43-1 ² -C ₄ H ₂ O){1/4-P(C ₄ H ₃ O) ₂ }(1/4-dppm)]. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1982-1989.	1.8	12
49	A computationally inspired investigation of the solid forms of (R)-1-phenylethylammonium(S)-2-phenylbutyrate. <i>Chirality</i> , 2010, 22, 447-455.	2.6	6
50	Carbon—hydrogen bond activation of phenyldi(2-thienyl)phosphine at a triosmium cluster centre. <i>Inorganica Chimica Acta</i> , 2010, 363, 1611-1614.	2.4	12
51	Synthesis, AACVD and X-ray crystallographic structures of group 13 monoalkoxometallanes. <i>Main Group Chemistry</i> , 2010, 9, 31-40.	0.8	18
52	A facile synthesis of dibenzopyrroloazepinones as tetracyclic allocolchicinoids—an unusual 1,2-phenyl shift. <i>Chemical Communications</i> , 2010, 46, 318-320.	4.1	12
53	Metalla-macro-tricyclic cryptands: anion encapsulation and selective separation of sulfate via in situ crystallization. <i>New Journal of Chemistry</i> , 2010, 34, 2458.	2.8	29
54	Diastereoselective Thia-Claisen Rearrangement of Pyrrolidinone-Derived [n]Ketene N,S-Acetals. <i>Synlett</i> , 2009, 2009, 3052-3052.	1.8	1

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55	Cleavage of C-S and C-H bonds in the reaction of electron-deficient [Os ₃ (CO) ₈ (1/4-H)(1/43-Ph ₂ PCH ₂ P(Ph)C ₆ H ₄)] with Ph ₃ GeSPh: Generation of thiophenol derivatives [Os ₃ (CO) ₈ (1/4-H)(1/4-SPh)(1/4-dppm)] and [Os ₃ (CO) ₇ (1/4-H)(1/4-SPh)(1/43-SC ₆ H ₄)(1/4-dppm)]. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 752-756.	1.8	14
56	Reactivity of the triruthenium ortho-metalated cluster [Ru ₃ (CO) ₉ {1/43-1,1,1,2-PhP(C ₆ H ₄)CH ₂ PPh}] with tri(2-thienyl)phosphine and tri(2-furyl)phosphine: Formation of 1,3-diphenyl-2,3-dihydro-1H-1,3-benzodiphosphine complexes via phosphorus-carbon bond formation. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 3312-3319.	1.8	14
57	Salt or Cocrystal? A New Series of Crystal Structures Formed from Simple Pyridines and Carboxylic Acids. <i>Crystal Growth and Design</i> , 2009, 9, 2881-2889.	3.0	183
58	Probing weak non-covalent interactions in solution and solid states with designed molecules. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 97-100.	2.8	25
59	A facile synthesis of pyrrolo-(di)-benzazocinones via an intramolecular N-acyliminium ion cyclisation. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 167-177.	2.8	18
60	Reaction of [Ru ₃ (CO) ₁₂] with tri(2-furyl)phosphine: Di- and tri-substituted triruthenium and phosphido-bridged diruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1645-1655.	1.8	20
61	Syntheses, X-ray structures and CVD studies of diorganoalkoxogallanes. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 1787-1796.	1.8	36
62	Reactions of rhenium and manganese carbonyl complexes with 1,8-bis(diphenylphosphino)naphthalene: Ligand chelation, C-H and C-P bond-cleavage reactions. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2657-2665.	1.8	33
63	A comparative study of the reactivity of unsaturated triosmium clusters [Os ₃ (CO) ₈ {1/43-Ph ₂ PCH ₂ P(Ph)C ₆ H ₄ }(1/4-H)] and [Os ₃ (CO) ₉ {1/43-1,2-C ₇ H ₃ (2-Me)NS}(1/4-H)] with BuNC. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3613-3621.	1.8	18
64	Synthesis of the Tagetitoxin Core via Photo-Stevens Rearrangement. <i>Organic Letters</i> , 2008, 10, 5477-5480.	4.6	30
65	Reactivity of triruthenium thiophyne and furyne clusters: competitive C and P-C bond cleavage reactions and the generation of highly unsymmetrical alkyne ligands. <i>Dalton Transactions</i> , 2008, , 6219.	3.3	30
66	Concise synthesis of bicyclic amins and their evaluation as precursors to the sarain core. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 2941.	2.8	18
67	A Systematic Experimental and Theoretical Study of the Crystalline State of Six Chloronitrobenzenes. <i>Crystal Growth and Design</i> , 2008, 8, 24-36.	3.0	24
68	Discovery of three polymorphs of 7-fluoroisatin reveals challenges in using computational crystal structure prediction as a complement to experimental screening. <i>CrystEngComm</i> , 2008, , .	2.6	3
69	The observed and energetically feasible crystal structures of 5-substituted uracils. <i>New Journal of Chemistry</i> , 2008, 32, 1761.	2.8	39
70	Synthesis and structures of gallium alkoxides. <i>New Journal of Chemistry</i> , 2008, 32, 1513.	2.8	22
71	Magnetic molecular charge-transfer salts containing layers of water and tris(oxalato)ferrate(III) anions. <i>CrystEngComm</i> , 2008, 10, 192-196.	2.6	17
72	Diastereoselective Thia-Claisen Rearrangement of Pyrrolidinone-Derived Ketene-N-S-Acetals. <i>Synlett</i> , 2008, 2008, 2199-2209.	1.8	0

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73	Search for a Predicted Hydrogen Bonding Motif $\hat{\pi}$: A Multidisciplinary Investigation into the Polymorphism of 3-Azabicyclo[3.3.1]nonane-2,4-dione. <i>Journal of the American Chemical Society</i> , 2007, 129, 3649-3657.	13.7	61
74	Synthesis of Group 13 Sesquialkoxides and Their Application as Precursors to Crystalline Oxide Films. <i>Organometallics</i> , 2007, 26, 403-407.	2.3	35
75	Toward the Computational Design of Diastereomeric Resolving Agents: An Experimental and Computational Study of 1-Phenylethylammonium-2-phenylacetate Derivatives. <i>Journal of Physical Chemistry B</i> , 2007, 111, 5326-5336.	2.6	47
76	Bimetallic Osmium-Tin Clusters: Addition of Triphenyltinhydride to Unsaturated $[\text{Os}_3(\text{CO})_8(\text{P}(\text{Ph})_2\text{PCH}_2\text{P}(\text{Ph})\text{C}_6\text{H}_5)_4(\text{I}^1/4\text{-H})]$ and Saturated $[\text{Os}_3(\text{CO})_{10}(\text{I}^1/4\text{-dppm})]$. <i>Organometallics</i> , 2007, 26, 6473-6480.		
77	Chelate and Bridge Diphosphine Isomerization: Triosmium and Triruthenium Clusters Containing 1,1-Bis(diphenylphosphino)ferrocene (dppf). <i>Organometallics</i> , 2007, 26, 6462-6472.	2.3	27
78	Synthesis and Solid-State Structures of Pyrazolylmethane Complexes of the Rare Earths. <i>Inorganic Chemistry</i> , 2007, 46, 1856-1864.	4.0	20
79	Aerosol Assisted Chemical Vapor Deposition of In_2O_3 Films from Me_3In and Donor Functionalized Alcohols. <i>Inorganic Chemistry</i> , 2007, 46, 9473-9480.	4.0	59
80	Metallo-Organic Domino Reactions: $\text{C}\ddot{\text{I}}\text{H}$ versus $\text{C}\ddot{\text{I}}\text{C}$ Bond Breaking. <i>Chemistry - A European Journal</i> , 2007, 13, 2230-2237.	3.3	6
81	The polymorphism of progesterone: Stabilization of a "disappearing" polymorph by co-crystallization. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 3419-3431.	3.3	72
82	Synthesis and characterisation of titanium pyridine- and pyrimidine-thiolates and their application as precursors to titanium disulfide. <i>Polyhedron</i> , 2007, 26, 43-48.	2.2	15
83	Electrochemical reduction of $\text{Ru}(\text{I}^6\text{-arene})(\text{I}^3\text{-tris(pyrazolyl)methane})$ dicationic complexes. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 3300-3305.	1.8	8
84	Two modes of $\text{C}\ddot{\text{H}}$ bond activation of tris(2-thienyl)phosphine in trinuclear osmium carbonyl clusters. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 5007-5016.	1.8	20
85	7-Fluoroisatin "1,4-dioxane (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3574-o3574.	0.2	9
86	7-Fluoroisatin "dimethyl sulfoxide (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3575-o3575.	0.2	7
87	5-Fluoroisatin "dimethyl sufoxide (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3576-o3576.	0.2	2
88	5-Fluoro-3-hydroxy-3-(nitromethyl)-1H-indol-2(3H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, o3577-o3577.	0.2	0
89	The solvates of o-acetamidobenzamide. <i>CrystEngComm</i> , 2006, 8, 313.	2.6	20
90	Racemic progesterone: predicted in silico and produced in the solid state. <i>Chemical Communications</i> , 2006, , 4921-3.	4.1	10

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91	Modulation of the Lowest Metal-to-Ligand Charge-Transfer State in [Ru(bpy) ₂ (N ⁺ N)] ²⁺ Systems by Changing the N ⁺ N from Hydrazone to Azine: Photophysical Consequences. <i>Inorganic Chemistry</i> , 2006, 45, 9580-9586.	4.0	20
92	The Discovery of New Crystal Forms of 5-Fluorocytosine Consistent with the Results of Computational Crystal Structure Prediction. <i>Crystal Growth and Design</i> , 2006, 6, 481-487.	3.0	51
93	5-Fluorouracil and thymine form a crystalline solid solution. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, o412-o415.	0.4	10
94	Single-crystal X-ray and neutron powder diffraction investigation of the phase transition in tetrachlorobenzene. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 287-295.	1.8	21
95	3-Azabicyclo[3.3.1]nonane-2,4-dione-acetic acid (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o545-o547.	0.2	0
96	1-Chloro-3,4-dinitrobenzene-1,4-dioxane (1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o1662-o1663.	0.2	2
97	Triosmium clusters containing bridging dppm and EPh (E=S, Te) ligands: X-ray structures of [(1/4-H)Os ₃ (CO) ₇ (1/4-SPh){1/43-1-4-Ph ₂ PCHP(Ph) ₂ C ₆ H ₄ }], [Os ₃ (CO) ₈ (1/4-SPh) ₂ (1/4-dppm)] and [Os ₃ (CO) ₈ (1/4-TePh) ₂ (1/4-dppm)]. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 97-104.		
98	Molecular and supramolecular structures of benzil dihydrazone, an organic helical molecule. Comparison with diacetyl dihydrazone. <i>CrystEngComm</i> , 2006, 8, 670.	2.6	18
99	Spectroscopic, Structural and Theoretical Investigation of Alkenyl Ruthenium Complexes Supported by Sulfur-Nitrogen Mixed-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 3068-3078.	2.0	31
100	New Synthesis of β -Sultams from Pentafluorophenyl Sulfonates. <i>Organic Letters</i> , 2006, 8, 5513-5515.	4.6	24
101	Molecular Design of Precursors for the Chemical Vapor Deposition of Group 13 Chalcogenides. <i>ACS Symposium Series</i> , 2005, , 376-389.	0.5	0
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232	Synthesis and reactions of osmium(III) chloro carboxylates. X-ray crystal structure of tetra($\bar{\mu}$ -n-butyrate)-dichlorodiosmium(III)(Os $\bar{\mu}$ -OS). <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 2109-2116.	1.1	28
233	Areneruthenium(II) carboxylates: reactions with ligands and the X-ray structure of the p-cymene pyrazine complex [Ru(\bar{I} -p-MeC6H4CHMe2)Cl(pyz)2]PF6. <i>Journal of the Chemical Society Dalton Transactions</i> , 1983, , 1571-1581.	1.1	75