Oleg V Shishkin

List of Publications by Year in descending order

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159585 223800 2,718 115 30 46 citations g-index h-index papers 125 125 125 2361 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Halogen…π interactions in the complexes of fluorenonophane with haloforms. Structural Chemistry, 2022, 33, 257-266.	2.0	3
2	An alternative approach to the synthesis of 5H-chromeno[4,3-b]pyridin-5-one system using the cleavage of 5H,9H-pyrano[2',3':5,6]chromeno[4,3-b]pyridine-5,9-diones with binucleophiles. Chemistry of Heterocyclic Compounds, 2018, 54, 96-99.	1.2	8
3	Synthesis and characterization of sulfolane-based amino alcohols: A combined experimental and computational study. Journal of Molecular Structure, 2018, 1157, 149-158.	3.6	7
4	Isotypic Transformation Principle in Molecular Crystals. Analysis of Supramolecular Architecture of Fluorinated Benzenes and Pyridines. Crystal Growth and Design, 2018, 18, 4445-4448.	3.0	9
5	3,3′-Dinitrophenolsulphonephthalein: an acid-base indicator dye with unusual properties. Coloration Technology, 2017, 133, 135-144.	1.5	8
6	Acceptor properties of amino groups in aminobenzene crystals: study from the energetic viewpoint. CrystEngComm, 2017, 19, 6274-6288.	2.6	11
7	Supramolecular Architecture of Substituted Tetraphenylâ€carboâ€benzenes from the Energetic Viewpoint. ChemPhysChem, 2017, 18, 2499-2508.	2.1	3
8	Influence of substituents on the acceptor properties of the amino groups in the diaminobenzene analogues. CrystEngComm, 2017, 19, 7162-7176.	2.6	8
9	New tricks of well-known aminoazoles in isocyanide-based multicomponent reactions and antibacterial activity of the compounds synthesized. Beilstein Journal of Organic Chemistry, 2017, 13, 1050-1063.	2.2	17
10	Functionalised Cookson's Diketones in Chlorosulfonic Acid: Towards Polysubstituted <i>D</i> ₃ -Trishomocubanes. Journal of Chemical Research, 2017, 41, 718-721.	1.3	3
11	Synthesis and structural investigation of new isothiochromen-4-one 2,2-dioxide derivatives. Structural Chemistry, 2016, 27, 273-280.	2.0	2
12	Weak but strong: role of weak C–H···X (X=O, N) hydrogen bonds in organization of crystals of (1S,2S,3S,4R,5R,8S)-diethyl 2,4-dicyano-3-(furan-2-yl)-8-morpholino-6-oxobicyclo[3.2.1]octane-2,4-dicarboxylate. Structural Chemistry, 2016, 27, 315-321.	2.0	2
13	Functionalized organic frameworks explored as second order NLO agents. Journal of Chemical Sciences, 2016, 128, 297-309.	1.5	2
14	Study of the Chemoselectivity of Multicomponent Heterocyclizations Involving 3â€Aminoâ€1,2,4â€triazole and Pyruvic Acids as Key Reagents, and Biological Activity of the Reaction Products. European Journal of Organic Chemistry, 2015, 2015, 4481-4492.	2.4	33
15	Unexpected synthesis of pyrazolone derivatives. Tetrahedron, 2015, 71, 1283-1286.	1.9	1
16	Synthesis of spiro 2-(5-amino-2,3-dihydro-3-oxopyrrol-4-yl)-1,3-dialkylbenzimidazolium chlorides. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 2015, 146, 931-939.	1.8	0
17	Revisiting tetranitrophenolsulfonephthalein. Coloration Technology, 2015, 131, 236-244.	1.5	5
18	The unexpected influence of aryl substituents in <i>N</i> -aryl-3-oxobutanamides on the behavior of their multicomponent reactions with 5-amino-3-methylisoxazole and salicylaldehyde. Beilstein Journal of Organic Chemistry, 2014, 10, 3019-3030.	2.2	13

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19	Molecular Structures, Relative Stability, and Proton Affinities of Nucleotides: Broad View and Novel Findings. Challenges and Advances in Computational Chemistry and Physics, 2014, , 137-180.	0.6	0
20	Upper-rim calixarene phosphines consisting of multiple lower-rim OH functional groups: synthesis and characterisation. Supramolecular Chemistry, 2014, 26, 825-835.	1.2	7
21	Molecular clips based on diphenylglycoluril and benzocrown ethers: promising complexing agents for the alkali metal cations. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2014, 79, 343-348.	1.6	4
22	Conformational behavior of peptides containing residues of 3-azetidinesulfonic (3AzeS) and 4-piperidinemethanesulfonic (4PiMS) acids. Tetrahedron: Asymmetry, 2014, 25, 229-237.	1.8	5
23	A Convenient Approach toN-(Di-tert-butylphosphanyl)- andN-(Di-tert-butylphosphoroselenoyl)formamidinium Salts: Carbene Precursors. European Journal of Inorganic Chemistry, 2014, 2014, 1192-1203.	2.0	4
24	Role of CHF2- and CF3-Substituents on Molecular Arrangement in the Solid State: Experimental and Theoretical Crystal Structure Analysis of CH3/CHF2/CF3-Substituted Benzene. Crystal Growth and Design, 2014, 14, 3124-3130.	3.0	20
25	Partially hydrogenated 2-amino[1,2,4]triazolo[1,5-a]pyrimidines asÂsynthons for the preparation of polycondensed heterocycles: reaction with chlorocarboxylic acid chlorides. Tetrahedron, 2014, 70, 684-701.	1.9	19
26	Quantum delocalization of benzene in the ring puckering coordinates. International Journal of Quantum Chemistry, 2014, 114, 534-542.	2.0	1
27	Heterobinuclear Zn–Ln and Ni–Ln Complexes with Schiffâ€Base and Carbacylamidophosphate Ligands: Synthesis, Crystal Structures, and Catalytic Activity. European Journal of Inorganic Chemistry, 2014, 2014, 3720-3730.	2.0	46
28	Insights into the crystal packing of phosphorylporphyrins based on the topology of their intermolecular interaction energies. CrystEngComm, 2014, 16, 10428-10438.	2.6	28
29	Dibutylphosphinoylmethyloxythiacalix[4]arenes. Synthesis, structure, americium, europium and technetium extraction. Supramolecular Chemistry, 2014, 26, 864-872.	1.2	19
30	Role of supramolecular synthons in the formation of the supramolecular architecture of molecular crystals revisited from an energetic viewpoint. Physical Chemistry Chemical Physics, 2014, 16, 6773.	2.8	67
31	Investigation of topology of intermolecular interactions in the benzene–acetylene co-crystal by different theoretical methods. Structural Chemistry, 2014, 25, 1547-1552.	2.0	28
32	Features of switchable multicomponent heterocyclizations of salicylic aldehydes and 5-aminopyrazoles with pyruvic acids and antimicrobial activity of the reaction products. Tetrahedron, 2013, 69, 9261-9269.	1.9	30
33	Conformational behaviour of peptides containing a 2-pyrrolidinemethanesulfonic acid (2PyMS) residue. Organic and Biomolecular Chemistry, 2013, 11, 975-983.	2.8	5
34	1-Amino-4,4-difluorocyclohexanecarboxylic acid as a promising building block for drug discovery: design, synthesis and characterization. Tetrahedron, 2013, 69, 4066-4075.	1.9	10
35	Influence of Deuteration and Fluorination on the Supramolecular Architecture of Pyridine Nâ€Oxide Crystals. ChemPhysChem, 2013, 14, 847-856.	2.1	21
36	Nucleic Acid Bases in Anionic 2′-Deoxyribonucleotides: A DFT/B3LYP Study of Structures, Relative Stability, and Proton Affinities. Journal of Physical Chemistry B, 2013, 117, 2841-2849.	2.6	11

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37	Synthesis of 2- and 3-trifluoromethylmorpholines: useful building blocks for drug discovery. Tetrahedron, 2013, 69, 3796-3804.	1.9	20
38	A Convenient Route to 1â€Alkylâ€5â€trifluoromethylâ€1,2,3â€triazoleâ€4â€carboxylic Acids Employing a Diazo Transfer Reaction. European Journal of Organic Chemistry, 2013, 2013, 2891-2897.	2.4	14
39	Entropy versus aromaticity in the conformational dynamics of aromatic rings. Journal of Molecular Modeling, 2013, 19, 4073-4077.	1.8	5
40	Supramolecular architecture of molecular crystals possessing shearing mechanical properties: columns versus layers. CrystEngComm, 2013, 15, 160-167.	2.6	29
41	Remarkably strong polarization of amidine fragment in the crystals of 1-imino-1H-isoindol-3-amine. Structural Chemistry, 2013, 24, 1089-1097.	2.0	20
42	Complexation of thiacalix[4]arene methylphosphonic and sulphonic acids with amino acids. Supramolecular Chemistry, 2013, 25, 263-268.	1.2	2
43	Novel transformations of 1H-isothiochromen-4(3H)-one 2,2-dioxide. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 2013, 144, 263-271.	1.8	9
44	Reaction of 2-Hetaryl-2-(tetrahydro-2-furanyliden)acetonitriles with 1,3-N,N-Binucleophiles. Synlett, 2012, 23, 2063-2068.	1.8	4
45	Formylation of 4,7â€Dihydroâ€1,2,4â€triazolo[1,5â€∢i>a]pyrimidines Using Vilsmeier–Haack Conditions. Journal of Heterocyclic Chemistry, 2012, 49, 1019-1025.	2.6	8
46	Low-melting molecular complexes. Halogen bonds in molecular complexes of bromoform. CrystEngComm, 2012, 14, 8222.	2.6	26
47	Controlled Switching of Multicomponent Heterocyclizations of 5â€Aminoâ€ <i>N</i> àêarylpyrazoleâ€4â€carboxamides, 1,3â€Cyclohexanediones, and Aldehydes. European Journ Organic Chemistry, 2012, 2012, 5515-5524.	n al. ⊕f	17
48	Reaction of 1-Ethoxyisoindole with Maleimide and Its Derivatives. Heterocycles, 2012, 85, 1671.	0.7	6
49	Role of different molecular fragments in formation of the supramolecular architecture of the crystal of $1,1$ -dioxo-tetrahydro- $1\hat{l}$ »6-thiopyran-3-one. CrystEngComm, 2012, 14, 8698.	2.6	14
50	Catalysis by Lithium Perchlorate Enables Double-Conjugate Addition of Electron-Deficient Maleimides to 2-Aminopyridines and 2-Aminothiazoles. Synthetic Communications, 2012, 42, 3304-3310.	2.1	5
51	Binding properties and self-assembly of C2v-symmetrical resorcin[4]arene tetrabenzoates. Tetrahedron, 2012, 68, 9429-9434.	1.9	4
52	Supramolecular architecture of crystals of fused hydrocarbons based on topology of intermolecular interactions. CrystEngComm, 2012, 14, 1795.	2.6	80
53	Estimating stacking interaction energy using atom in molecules properties: Homodimers of benzene and pyridine. International Journal of Quantum Chemistry, 2012, 112, 3008-3017.	2.0	10
54	Dotting the i's in three-component Biginelli-like condensations using 3-amino-1,2,4-triazole as a 1,3-binucleophile. RSC Advances, 2012, 2, 6719.	3.6	48

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55	Stable <i>N</i> â€Heterocyclic Carbenes: <i>N</i> â€Alkylâ€ <i>N′</i> â€phosphanylbenzimidazolâ€2â€ylidenes. European Journal of Organic Chemistry, 2012, 2012, 4018-4033.	2.4	22
56	Cyclic $\hat{l}\pm$ -amino acids as precursors for synthesis of 2-amino-3-hetarylpyrrolin-4-ones and their spiro derivatives. Monatshefte FÃ $\frac{1}{4}$ r Chemie, 2012, 143, 779-789.	1.8	3
57	Synthesis and crystal structure determination of 2,6-di-tert-butyl-4-(2,4,6-triphenylpyridinium-1-yl)phenolate and its corresponding perchlorate salt. Dyes and Pigments, 2012, 92, 1394-1399.	3.7	7
58	Direct synthesis and properties of monomeric and dimeric MnIII–salen complexes tuned by tetrahalocadmate anions. Inorganic Chemistry Communication, 2012, 20, 282-285.	3.9	5
59	Synthesis of condensed tetrahydroimidazo[1,2-a]quinazoline-1,5-dione derivatives. Tetrahedron, 2012, 68, 3098-3102.	1.9	2
60	A novel synthesis and transformations of isothiochroman 2,2-dioxide. Tetrahedron Letters, 2012, 53, 4296-4299.	1.4	9
61	Environment-induced stabilization of hydrogen-bonded dimers in crystal of lysine (5-methyl-1H-[1,2,4]triazol-3ylsulfanyl)-acetate. Structural Chemistry, 2012, 23, 581-586.	2.0	3
62	Dynamical Nonplanarity of Benzene. Evidences from the Car–Parrinello Molecular Dynamics Study. Journal of Physical Chemistry Letters, 2011, 2, 2881-2884.	4.6	12
63	The C–Clâ<ï€ interactions inside supramolecular nanotubes of hexaethynylhexamethoxy[6]pericyclyne. Physical Chemistry Chemical Physics, 2011, 13, 6837.	2.8	24
64	Columnar supramolecular architecture of crystals of 2-(4-lodophenyl)-1,10-phenanthroline derived from values of intermolecular interaction energy. CrystEngComm, 2011, 13, 800-805.	2.6	36
65	Intra- and Intermolecular Interactions in the Crystals of 3,4-Diamino-1,2,4-triazole and Its 5-Methyl Derivative. Experimental and Theoretical Investigations of Charge Density Distribution. Journal of Physical Chemistry A, 2011, 115, 8550-8562.	2.5	21
66	Switchable selectivity in multicomponent heterocyclizations of acetoacetamides, aldehydes, and 3-amino-1,2,4-triazoles/5-aminopyrazoles. Tetrahedron, 2011, 67, 9389-9400.	1.9	39
67	2-Substituted-Isoindoles: A Novel Synthetic Route and a Study of the Diels–Alder and Michael Reactions. Journal of Chemical Research, 2011, 35, 615-618.	1.3	8
68	An Entry into Hexahydro-2 <i>H</i> thieno[2,3- <i>c</i>]pyrrole 1,1-Dioxide Derivatives. Journal of Organic Chemistry, 2011, 76, 7010-7016.	3.2	26
69	Reactions of <i>N</i> â€arylmaleimides with 3â€aminoâ€1,2,4â€triazole and 2â€aminobenzimidazole. Journal of Heterocyclic Chemistry, 2011, 48, 888-895.	2.6	17
70	Exploiting morph-DAST mediated ring-expansion of substituted cyclic \hat{l}^2 -amino alcohols for the preparation of cyclic fluorinated amino acids. Synthesis of 5-fluoromethylproline and 5-fluoropipecolic acid. Tetrahedron, 2011, 67, 3091-3097.	1.9	24
71	Hexakis(dimethylformamide-κO)manganese(II) ξ-oxido-bis[trichloridoferrate(III)]. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1563-m1564.	0.2	6
72	Bis{μ2-2-[(2-hydroxyethyl)(methyl)amino]ethanolato}bis(μ3-N-methyl-2,2′-azanediyldiethanolato)tetrakis(th dimethylformamide tetrasolvate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1864-m1865.	niocyanata 0.2	ato-κN)dichro 2

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73	3-Benzyl-3-azabicyclo[3.1.1]heptan-6-one: A Promising Building Block for Medicinal Chemistry. Organic Letters, 2010, 12, 4372-4375.	4.6	19
74	Analysis of the crystal structure of two polymorphic modifications of 3,4-diamino-1,2,4-triazole based on the energy of the intermolecular interactions. CrystEngComm, 2010, 12, 909-916.	2.6	37
7 5	Diversity oriented heterocyclizations of pyruvic acids, aldehydes and 5-amino-N-aryl-1H-pyrazole-4-carboxamides: catalytic and temperature control of chemoselectivity. Molecular Diversity, 2010, 14, 523-531.	3.9	31
76	Unexpected alternative direction of a Biginelli-like multicomponent reaction with 3-amino-1,2,4-triazole as the urea component. Tetrahedron Letters, 2010, 51, 2095-2098.	1.4	50
77	Rotation around the glycosidic bond as driving force of proton transfer in protonated 2′-deoxyriboadenosine monophosphate (dAMP). Chemical Physics Letters, 2010, 490, 221-225.	2.6	6
78	Layered crystal structure of bicyclic aziridines as revealed by analysis of intermolecular interactions energy. CrystEngComm, 2010, 12, 1816.	2.6	39
79	Cyclobutane-Derived Diamines: Synthesis and Molecular Structure. Journal of Organic Chemistry, 2010, 75, 5941-5952.	3.2	48
80	Hydration of nucleic acid bases: a Car–Parrinello molecular dynamics approach. Physical Chemistry Chemical Physics, 2010, 12, 3363.	2.8	28
81	Novel type of mixed O–H···N/O–H···π hydrogen bonds: monohydrate of pyridine. Structural Chemistry 2009, 20, 37-41.	^{/,} 2.0	30
82	Synthesis of structurally constrained 4-quinazolinone derivatives with a tetrahedral C-2 atom present in three rings. Tetrahedron, 2009, 65, 8582-8586.	1.9	13
83	Dependence of Deformability of Geometries and Characteristics of Intramolecular Hydrogen Bonds in Canonical 2′-Deoxyribonucleotides on DNA Conformations. Journal of Biomolecular Structure and Dynamics, 2009, 26, 653-661.	3.5	23
84	Structure and hydrogen bonding in polyhydrated complexes of guanine. Structural Chemistry, 2008, 19, 171-180.	2.0	30
85	Crystal, molecular structure and tautomerism of (5-methyl-1H-[1,2,4]triazol-3-ylsulfanyl)-acetic acid. Structural Chemistry, 2008, 19, 407-412.	2.0	6
86	Intramolecular Cyclization of <i>N</i> â€Arylphosphinimidic Isocyanates – Novel Approach to a 4a,8aâ€Dihydroâ€1,3,2î» ⁵ â€benzodiazaphosphininâ€4(3 <i>H</i>)â€one System. European Journal of Inorganic Chemistry, 2008, 2008, 3348-3352.	o ʻ2. 0	8
87	Opposite charges assisted extra strong C–Hâ√O hydrogen bond in protonated 2′-deoxyadenosine monophosphate. Chemical Physics Letters, 2008, 452, 198-205.	2.6	14
88	Multicomponent cyclocondensation reactions of aminoazoles, arylpyruvic acids and aldehydes with controlled chemoselectivity. Tetrahedron, 2008, 64, 11041-11049.	1.9	59
89	OH–π and halogen–π interactions as driving forces in the crystal organisations of tri-bromo and tri-iodo trityl alcohols. CrystEngComm, 2008, 10, 715.	2.6	87
90	Conjugation and Hyperconjugation in Conformational Analysis of Cyclohexene Derivatives Containing an Exocyclic Double Bond. Journal of Physical Chemistry A, 2008, 112, 7080-7089.	2.5	14

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91	One-Pot, Multicomponent Route to Pyrazoloquinolizinones. Organic Letters, 2007, 9, 1691-1694.	4.6	80
92	Multicomponent Cyclocondensations of b-Ketosulfones with Aldehydes and Aminoazole Building Blocks. Heterocycles, 2007, 73, 469.	0.7	20
93	Cyclocondensation reactions of 5-aminopyrazoles, pyruvic acids and aldehydes. Multicomponent approaches to pyrazolopyridines and related products. Tetrahedron, 2007, 63, 1229-1242.	1.9	72
94	Molecular and crystal structure of crown ethers containing biphenyl fragment. Journal of Molecular Structure, 2007, 832, 199-208.	3.6	8
95	Intramolecular Hydrogen Bonds in Canonical 2â€~-Deoxyribonucleotides: An Atoms in Molecules Study. Journal of Physical Chemistry B, 2006, 110, 4413-4422.	2.6	62
96	Microwave-Assisted Three-Component Synthesis of 7-Aryl-2-alkylthio-4,7-dihydro-1,2,4-triazolo[1,5-a]-pyrimidine-6-carboxamides and Their Selective Reduction. ACS Combinatorial Science, 2006, 8, 427-434.	3.3	114
97	Heterocyclization of 6-hydroxyimino-6,7-dihydro-1,2,4-triazolo[1,5-a]pyrimidines into 1,2,4-triazolo[1,5-a]pyrimido[5,4-b]- and -[5,6-b]indoles. Mendeleev Communications, 2006, 16, 280-282.	1.6	8
98	Three-Component Procedure for the Synthesis of 5-Aryl-5,8-dihydroazolo[1,5-a]pyrimidine-7-carboxylic Acids. Synthesis, 2005, 2005, 2597-2601.	2.3	46
99	Electron density distribution in stacked benzene dimers: A new approach towards the estimation of stacking interaction energies. Journal of Chemical Physics, 2005, 122, 144104.	3.0	85
100	The structure of cyanine dyes of tetrazoloisoindole row. 1. Bis-(1-Methyltetrazolo[5,1-a]isoindole-5)monomethyncyanine perchlorate. Journal of Molecular Structure, 2004, 707, 193-198.	3.6	7
101	Conformational Analysis of Canonical 2-Deoxyribonucleotides. 1. Pyrimidine Nucleotides. Journal of Biomolecular Structure and Dynamics, 2004, 21, 537-553.	3.5	42
102	Conformational Analysis of Canonical 2-Deoxyribonucleotides. 2. Purine Nucleotides. Journal of Biomolecular Structure and Dynamics, 2004, 22, 227-243.	3.5	48
103	Reactions of 4,7â€dihydroâ€1,2,4â€triazolo[1,5â€ <i>a</i>]pyrimidines with α,βâ€unsaturated carbonyl compou Journal of Heterocyclic Chemistry, 2003, 40, 1081-1086.	nds. 2.6	18
104	Interactions of Water with Mono- and Diamino Derivatives ofN,Nâ€~-Dimethyluracil. Journal of Physical Chemistry A, 2002, 106, 7828-7833.	2.5	9
105	Structural non-rigidity of six-membered aromatic rings. Journal of Molecular Structure, 2002, 616, 159-166.	3.6	42
106	Structural nonrigidity of nucleic acid bases. Post-Hartree-Fock ab initio study. International Journal of Quantum Chemistry, 2000, 80, 1116-1124.	2.0	62
107	Conformational flexibility of pyrimidine ring in adenine and related compounds. Chemical Physics Letters, 2000, 330, 603-611.	2.6	43
108	A density functional theory study of vibrational coupling between ribose and base rings of nucleic acids with ribosyl guanosine as a model system. Journal of Chemical Physics, 2000, 113, 5986-5990.	3.0	42

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109	Cyclecondensation of $3\hat{a}\in \mathbb{R}$ in $2,4\hat{a}\in \mathbb{R}$ is a constituted methyl cinnamates. Journal of Heterocyclic Chemistry, 1999, 36, 205-208.	2.6	17
110	Azatriquinanes:  Synthesis, Structure, and Reactivity. Journal of Organic Chemistry, 1998, 63, 6016-6020.	3.2	34
111	Synthesis and imido-group exchange reactions of tert-butylimidotitanium complexes. Journal of the Chemical Society Dalton Transactions, 1997, , 1549-1558.	1.1	109
112	Imidotitanium Tris(pyrazolyl)hydroborates:Â Synthesis, Solution Dynamics, and Solid-State Structure. Inorganic Chemistry, 1996, 35, 1006-1012.	4.0	38
113	Azatriquinane, azatriquinacene, and a remarkable dimerization product. Tetrahedron Letters, 1996, 37, 131-134.	1.4	18
114	Diastereoselective enolate chemistry using atropisomeric amide. Tetrahedron Letters, 1996, 37, 7607-7610.	1.4	82
115	Dalton communications. Exchange of organoimido groups at a mononuclear titanium centre and a crystallographic evaluation of the relative structural influences of the NBut, NC6H4Me-4 and NC6H4NO2-4 ligands. Journal of the Chemical Society Dalton Transactions, 1995, , 3743.	1.1	23