Koen Robeyns

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4675953/publications.pdf

Version: 2024-02-01

178 papers	3,769 citations	117571 34 h-index	197736 49 g-index
195 all docs	195 docs citations	195 times ranked	4697 citing authors

#	Article	IF	Citations
1	Unlocking the Electrochemistry and the Activation Mechanism in the Ironâ€Rich Na_{0.6}Fe_{1.2}PO₄ Phase for Highâ€Performance Sodiumâ€Ion Storage. Batteries and Supercaps, 2022, 5, .	2.4	5
2	Combining Racetams with a Sweetener through Complexation. Crystal Growth and Design, 2022, 22, 3016-3023.	1.4	2
3	Supramolecular FeII4L₄ cage for fast ammonia sensing. Journal of Materials Chemistry C, 2022, 10, 9216-9221.	2.7	18
4	New Cathode Materials in the Feâ€PO₄â€F Chemical Space for Highâ€Performance Sodiumâ€Ion Storage. Advanced Science, 2022, 9, .	5.6	3
5	Unifying Step-Growth Polymerization and On-Demand Cascade Ring-Closure Depolymerization via Polymer Skeletal Editing. Macromolecules, 2022, 55, 4637-4646.	2.2	4
6	Synthesis, Structure, and Thermal Stability of a Mesoporous Titanium(III) Amine-Containing MOF. Inorganic Chemistry, 2022, 61, 11084-11094.	1.9	5
7	Iron(<scp>ii</scp>) pillared-layer responsive frameworks via â€œkagomÃ© dualâ€•(kgd) supramolecular tessellations. Inorganic Chemistry Frontiers, 2021, 8, 3532-3546.	3.0	8
8	Quenchable Porous High-Temperature Polymorph of Sodium Imidazolate, NaIm. Crystal Growth and Design, 2021, 21, 770-778.	1.4	2
9	Water binding stabilizes stacked conformations of ferrocene containing sheet-like aromatic oligoamides. Organic and Biomolecular Chemistry, 2021, 19, 5521-5524.	1.5	0
10	Urea as a Cocrystal Formerâ€”Study of 3 Urea Based Pharmaceutical Cocrystals. Pharmaceutics, 2021, 13, 671.	2.0	9
11	Exploring â€œTriazole-Thioureaâ€•Based Ligands for the Self-Assembly of Photoluminescent Hg(II) Coordination Compounds. Crystal Growth and Design, 2021, 21, 3562-3581.	1.4	5
12	A Colorimetric Sensor for the Highly Selective, Ultra-sensitive, and Rapid Detection of Volatile Organic Compounds and Hazardous Gases. Industrial & Engineering Chemistry Research, 2021, 60, 8788-8798.	1.8	26
13	An Electrically Conducting Li-Ion Metalâ€“Organic Framework. Journal of the American Chemical Society, 2021, 143, 11641-11650.	6.6	50
14	Functionalized 1,8â€Diazaiptycenes as Monomers for Aromatic Oligoamide Foldamers. ChemPlusChem, 2021, 86, 1162-1166.	1.3	0
15	Excited-state behavior and photoinduced electron transfer of pH-sensitive Ir(III) complexes with cyclometallation (C/Nâ€“) ratios between 0/6 and 3/3. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 405, 112957.	2.0	8
16	Functionalization of Mono- and Bimetallic MIL-100(Al,Fe) MOFs by Ethylenediamine: Postfunctionalization, BrÃ¸nsted Acido-Basicity, and Unusual CO2 Sorption Behavior. Inorganic Chemistry, 2021, 60, 16666-16677.	1.9	4
17	Synthesis and cytotoxicity against tumor cells of pincer N-heterocyclic ligands and their transition metal complexes. RSC Advances, 2021, 11, 34742-34753.	1.7	7
18	Structureâ€Dependent Guest Recognition with Flexible Ferroceneâ€Based Aromatic Oligoamide Î²â€Sheet Mimics. Chemistry - A European Journal, 2020, 26, 181-185.	1.7	2

#	Article	IF	Citations
19	Merocyanines in a Halogen-Bonded Network Involving Inorganic Building Blocks. Crystal Growth and Design, 2020, 20, 608-616.	1.4	10
20	A Gold(I)-Catalyzed Hydroamination/Cycloisomerization Cascade: Concise Synthesis of (Â±)-seco-Antofine and (Â±)-Septicine. Organic Letters, 2020, 22, 8441-8445.	2.4	16
21	Combining API in a dual-drug ternary cocrystal approach. Chemical Communications, 2020, 56, 13229-13232.	2.2	8
22	Improving Nefiracetam Dissolution and Solubility Behavior Using a Cocrystallization Approach. Pharmaceutics, 2020, 12, 653.	2.0	16
23	[2 + 2] Photodimerization of Sulfonate Derivative of trans-Cinnamic Acid: Kinetics Study Using Solid State ¹³C NMR and Hybrid Material Inclusion. Crystal Growth and Design, 2020, 20, 7850-7861.	1.4	7
24	Through-Space Charge Modulation Overriding Substituent Effect: Rise of the Redox Potential at 3.35 V in a Lithium-Phenolate Stereoelectronic Isomer. Chemistry of Materials, 2020, 32, 9996-10006.	3.2	39
25	Chiral Resolution of Mandelic Acid through Preferential Cocrystallization with Nefiracetam. Crystal Growth and Design, 2020, 20, 7979-7988.	1.4	24
26	Cocrystallizationâ€Induced Spontaneous Deracemization: A General Thermodynamic Approach to Deracemization. Angewandte Chemie, 2020, 132, 11399-11402.	1.6	10
27	Balancing Ligand Flexibility versus Rigidity for the Stepwise Selfâ€Assembly of M₁₂L₂₄ via M₆L₁₂ Metalâ€“Organic Cages. Chemistry - A European Journal, 2020, 26, 11960-11965.	1.7	19
28	Quaternary phase diagrams as a tool for ionic cocrystallization: the case of a solid solution between a racemic and enantiopure ionic cocrystal. CrystEngComm, 2020, 22, 2537-2542.	1.3	2
29	Cocrystallizationâ€Induced Spontaneous Deracemization: A General Thermodynamic Approach to Deracemization. Angewandte Chemie - International Edition, 2020, 59, 11303-11306.	7.2	36
30	Exploring the solid-state phases and thermodynamics of calcium l-lactate. Food Chemistry, 2020, 325, 126884.	4.2	3
31	Syntheses, Crystal Structures, Luminescent Properties, and Electrochemical Synthesis of Group 12 Element Coordination Polymers with 4-Substituted 1,2,4-Triazole Ligands. Crystal Growth and Design, 2019, 19, 5292-5307.	1.4	21
32	Identifying, Characterizing, and Understanding Nefiracetam in Its Solid State Forms: A Potential Antidementia Drug. Journal of Pharmaceutical Sciences, 2019, 108, 3616-3622.	1.6	3
33	Superionic Diffusion through Frustrated Energy Landscape. CheM, 2019, 5, 2450-2460.	5.8	92
34	A coloring tool for spiropyrans: solid state metalâ€“organic complexation versus salification. CrystEngComm, 2019, 21, 4925-4933.	1.3	9
35	Design Strategy for the Controlled Generation of Cationic Frameworks and Ensuing Anion-Exchange Capabilities. ACS Applied Materials & Interfaces, 2019, 11, 3181-3188.	4.0	11
36	New Insights into Photochromic Properties of N-Salicylideneaniline Derivatives Using a Cocrystal Engineering Approach. Crystal Growth and Design, 2019, 19, 5544-5556.	1.4	11

#	Article	IF	Citations
37	A Switchable Domino Process for the Construction of Novel CO₂â€Sourced Sulfurâ€Containing Building Blocks and Polymers. Angewandte Chemie - International Edition, 2019, 58, 11768-11773.	7.2	26
38	Facile construction of diverse polyheterocyclic scaffolds via gold-catalysed dearomative spirocyclization/1,6-addition cascade. Organic and Biomolecular Chemistry, 2019, 17, 6284-6292.	1.5	25
39	Structural Analysis of <scp>d</scp>-Phenylglycinamide Salts Uncovers Potential Pitfalls in Chiral Resolution via Diastereomeric Salt Formation. Crystal Growth and Design, 2019, 19, 3652-3659.	1.4	11
40	Modular Access to Diverse Bridged Indole Alkaloid Mimics via a Gold-Triggered Cascade Dearomative Spirocarbocyclization/[4 + 2] Cycloaddition Sequence. Organic Letters, 2019, 21, 4469-4474.	2.4	43
41	Chameleon-like Nature of Anagostic Interactions and Its Impact on Metalloaromaticity in Square-Planar Nickel Complexes. Organometallics, 2019, 38, 1973-1981.	1.1	23
42	Ionic Cocrystals of Etiracetam and Levetiracetam: The Importance of Chirality for Ionic Cocrystals. Crystal Growth and Design, 2019, 19, 2446-2454.	1.4	17
43	Complexation of Ammonia Boranes with Al³⁺. Inorganic Chemistry, 2019, 58, 4753-4760.	1.9	8
44	Intramolecular cascade annulation triggered by C H activation via rhodium hydride intermediate. Molecular Catalysis, 2019, 463, 30-36.	1.0	18
45	Crystallizing Ionic Cocrystals: Structural Characteristics, Thermal Behavior, and Crystallization Development of a Piracetam-CaCl2 Cocrystallization Process. Crystal Growth and Design, 2018, 18, 3215-3221.	1.4	12
46	Acidochromic spiropyranâ€“merocyanine stabilisation in the solid state. CrystEngComm, 2018, 20, 3318-3327.	1.3	17
47	Trifluoromethyl-Substituted Iridium(III) Complexes: From Photophysics to Photooxidation of a Biological Target. Inorganic Chemistry, 2018, 57, 1356-1367.	1.9	29
48	Probing Magneticâ€Exchange Coupling in Supramolecular Squares Based on Reducible Tetrazineâ€Derived Ligands. Chemistry - A European Journal, 2018, 24, 4259-4263.	1.7	19
49	Solvation Structure of Sodium Bis(fluorosulfonyl)imide-Glyme Solvate Ionic Liquids and Its Influence on Cycling of Na-MNC Cathodes. Journal of Physical Chemistry B, 2018, 122, 275-289.	1.2	42
50	Opening Pandoraâ€™s Box: Chirality, Polymorphism, and Stoichiometric Diversity in Flurbiprofen/Proline Cocrystals. Crystal Growth and Design, 2018, 18, 954-961.	1.4	44
51	A Goldâ€Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. Angewandte Chemie - International Edition, 2018, 57, 272-276.	7.2	95
52	A Goldâ€Catalyzed Domino Cyclization Enabling Rapid Construction of Diverse Polyheterocyclic Frameworks. Angewandte Chemie, 2018, 130, 278-282.	1.6	9
53	Exploring polymorphism and stoichiometric diversity in naproxen/proline cocrystals. CrystEngComm, 2018, 20, 7308-7321.	1.3	23
54	Crystal packing and theoretical analysis of halogen- and hydrogen-bonded hydrazones from pharmaceuticals. Evidence of type I and II halogen bonds in extended chains of dichloromethane. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2018, 74, 618-627.	0.5	7

#	Article	IF	Citations
55	Total synthesis of (âˆ')-cleistenolide and formal synthesis of herbarumin I via a diastereoselective modulable allylation. Tetrahedron, 2018, 74, 7242-7251.	1.0	4
56	Solid-state chiral resolution mediated by stoichiometry: crystallizing etiracetam with ZnCl₂. Chemical Communications, 2018, 54, 10890-10892.	2.2	20
57	Synthesis and post-functionalization of alternate-linked-meta-para-[2 n .1 n]thiacyclophanes. Beilstein Journal of Organic Chemistry, 2018, 14, 2190-2197.	1.3	3
58	Cooperative Interactions in the Second Coordination Sphere of Pyridazine/Pyridine Containing Polyazaheterocyclic Iron(II) Complexes Favor Protonation. European Journal of Inorganic Chemistry, 2018, 2018, 3253-3263.	1.0	1
59	Direct Access by Mechanochemistry or Sonochemistry to Protonated Merocyanines: Components of a Fourâ€Šstate Molecular Switch. ChemistryOpen, 2018, 7, 520-526.	0.9	7
60	Stereoselective Syntheses and Application of Chiral Bi- and Tridentate Ligands Derived from (+)-Sabinol. Molecules, 2018, 23, 771.	1.7	8
61	London Dispersion Forces in Crystal Packing of Thiourea Derivatives. Crystal Growth and Design, 2018, 18, 5385-5397.	1.4	15
62	Synthesis, crystal and solution structures of platinacyclic complexes containing eugenol, the main bioactive constituent of Ocimum sanctum L. oil. Polyhedron, 2018, 151, 330-337.	1.0	8
63	A Study of Fasoracetamâ€™s Solid State Forms: A Potential Anti-Alzheimer Pharmaceutical. Journal of Pharmaceutical Sciences, 2017, 106, 1317-1321.	1.6	4
64	Azide-rich complexes of cobalt(III) with the rare 5-phenyl-2,2â€²-bipyridine ligand. Inorganica Chimica Acta, 2017, 459, 63-72.	1.2	2
65	Alternative Route Toward Nitrones: Experimental and Theoretical Findings. Journal of Organic Chemistry, 2017, 82, 1666-1675.	1.7	5
66	Cocrystallization as a tool to solve deliquescence issues: The case of l-lactic acid. Journal of Crystal Growth, 2017, 472, 3-10.	0.7	10
67	Stepwise crystallographic visualization of dynamic guest binding in a nanoporous framework. Chemical Science, 2017, 8, 3171-3177.	3.7	66
68	Polar protic solvent-trapping polymorphism of the Hg^{II}-hydrazone coordination polymer: experimental and theoretical findings. CrystEngComm, 2017, 19, 3017-3025.	1.3	27
69	Confinement effects of a crystalline sponge on ferrocene and ferrocene carboxaldehyde. Chemical Communications, 2017, 53, 5645-5648.	2.2	24
70	Complexes and salts of the nitrogen-rich triazoleâ€“tetrazole hybrid ligand with alkali and alkaline earth metal cations: experimental and theoretical findings. New Journal of Chemistry, 2017, 41, 6210-6218.	1.4	6
71	Influence of a Single Catenane on the Solid-State Properties of Mechanically Linked Polymers. ACS Macro Letters, 2017, 6, 468-472.	2.3	15
72	A novel environment-friendly hybrid material based on a modified silica gel with a bispyrazole derivative for the removal of Zn^{II}, Pb^{II}, Cd^{II}and Cu^{II}traces from aqueous solutions. Inorganic Chemistry Frontiers, 2017, 4, 1821-1831.	3.0	35

#	Article	IF	Citations
73	Organic matrix-induced formation of a discrete cyclic [Cl₂(H₂O)₂]^{2â^'} cluster. New Journal of Chemistry, 2017, 41, 8263-8269.	1.4	6
74	Cocrystallization out of the blue: dl-mandelic acid/ethyl-dl-mandelate cocrystal. Journal of Molecular Structure, 2017, 1127, 397-402.	1.8	5
75	A Structural Analysis of Spiropyran and Spirooxazine Compounds and Their Polymorphs. Crystals, 2017, 7, 84.	1.0	18
76	Hydrogen Photoevolution from a Greenâ€Absorbing Iridium(III)â€“CobaltÂ(III) Dyad. European Journal of Inorganic Chemistry, 2016, 2016, 1779-1783.	1.0	27
77	Ligand-Driven Anionâ^'Ï€ Interaction-Induced Silver(I) Coordination Chemistry. Crystal Growth and Design, 2016, 16, 3763-3770.	1.4	22
78	Mononuclear heteroleptic complexes of copper(<scp>i</scp>) with 5-phenyl-2,2â€²-bipyridine and triphenylphosphine: crystal structures, Hirshfeld surface analysis and luminescence properties. New Journal of Chemistry, 2016, 40, 6156-6163.	1.4	24
79	Altering the Photochromic Properties of N-Salicylideneanilines Using a Co-Crystal Engineering Approach. Crystal Growth and Design, 2016, 16, 3198-3205.	1.4	23
80	An intermolecular pyrene excimer in the pyrene-labeled N-thiophosphorylated thiourea and its nickel(<scp>ii</scp>) complex. Inorganic Chemistry Frontiers, 2016, 3, 1419-1431.	3.0	14
81	Supramolecular homochiral helicity and zigzag hydrogen bonded chains in 1,2,4-triazole derived aminoester and aminoacid. New Journal of Chemistry, 2016, 40, 9025-9029.	1.4	3
82	Peculiar Case of Levetiracetam and Etiracetam Î±-Ketoglutaric Acid Cocrystals: Obtaining a Stable Conglomerate of Etiracetam. Crystal Growth and Design, 2016, 16, 5273-5282.	1.4	19
83	Câ€“Hâ‹¯Brâ€“C vs. Câ€“Brâ‹¯Brâ€“C vs. Câ€“Brâ‹¯N bonding in molecular self-assembly of pyridine-containing dyes. RSC Advances, 2016, 6, 53669-53678.	1.7	19
84	1,2,4-Triazole-based molecular switches: crystal structures, Hirshfeld surface analysis and optical properties. CrystEngComm, 2016, 18, 7284-7296.	1.3	60
85	Synthesis and Structural Studies of Gallium(III) and Iron(III) Hemicryptophane Complexes. Inorganic Chemistry, 2016, 55, 1011-1013.	1.9	10
86	In situ thermodiffraction to monitor synthesis and thermolysis of hydrazine borane-based materials. Journal of Alloys and Compounds, 2016, 659, 210-216.	2.8	9
87	Polymorphism driven optical properties of an anil dye. CrystEngComm, 2016, 18, 7249-7259.	1.3	29
88	Catenane-based mechanically-linked block copolymers. Chemical Communications, 2016, 52, 2149-2152.	2.2	13
89	Detailed studies of the interaction of 3-chloroaniline with O,Oâ€²-diphenylphosphorylisothiocyanate. New Journal of Chemistry, 2016, 40, 1230-1236.	1.4	18
90	Magnesium imidazolate â€“ a first porous zeolitic imidazolate framework with alkali and alkaline earth metals. Acta Crystallographica Section A: Foundations and Advances, 2016, 72, s402-s402.	0.0	3

#	Article	IF	Citations
91	Crystal structure of a Pd4carbonyl triphenylphosphane cluster [Pd4(CO)5(PPh3)4]Â·2C4H8O, comparing solvates. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 120-123.	0.2	1
92	Influence of the Homopolar Dihydrogen Bonding Cï£¿Hâ‹…â‹…â‹…Hï£¿C on Coordination Geometry: Experimental and Theoretical Studies. Chemistry - A European Journal, 2015, 21, 16679-16687.	1.7	35
93	Formal Asymmetric (4+1) Annulation Reaction between Sulfur Ylides and 1,3â€Dienes. Chemistry - A European Journal, 2015, 21, 12899-12902.	1.7	15
94	A Neutral 1D Coordination Polymer Constructed from the Ni^{II} Complex of the Nâ€Phosphorylated Thiourea PhNHC(S)NHP(O)(OPh)₂ and Pyrazine: A Singleâ€Source Precursor for Nickel Nanoparticles. European Journal of Inorganic Chemistry, 2015, 2015, 1160-1166.	1.0	15
95	Quinoxaline-Based Cyclo(oligophenylenes). Journal of Organic Chemistry, 2015, 80, 2425-2430.	1.7	15
96	Singleâ€Walled Metalâ€“Organic Nanotube Built from a Simple Synthon. Chemistry - A European Journal, 2015, 21, 4300-4307.	1.7	37
97	Mild Dehydrogenation of Ammonia Borane Complexed with Aluminum Borohydride. Chemistry of Materials, 2015, 27, 768-777.	3.2	40
98	An anion induced multisignaling probe for Hg²⁺ and its application for fish kidney and liver tissue imaging studies. Dalton Transactions, 2015, 44, 13186-13195.	1.6	20
99	Synthesis of water-soluble ruthenium clusters by reaction with PTA (1,3,5-triaza-7-phosphaadamantane). Journal of Organometallic Chemistry, 2015, 794, 48-58.	0.8	12
100	Photochromism Emergence in Nâ€Salicylidene pâ€Aminobenzenesulfonate Diallylammonium Salts. Chemistry - A European Journal, 2015, 21, 6832-6845.	1.7	34
101	Ratiometric sensing of lysine through the formation of the pyrene excimer: experimental and computational studies. Chemical Communications, 2015, 51, 8536-8539.	2.2	46
102	Halomethyl-cobalt(bis-acetylacetonate) for the controlled synthesis of functional polymers. Chemical Communications, 2015, 51, 14334-14337.	2.2	17
103	Luminescent mononuclear mixed ligand complexes of copper(<scp>i</scp>) with 5-phenyl-2,2â€²-bipyridine and triphenylphosphine. Dalton Transactions, 2015, 44, 16824-16832.	1.6	43
104	A smart rhodamineâ€“pyridine conjugate for bioimaging of thiocyanate in living cells. RSC Advances, 2015, 5, 103350-103357.	1.7	10
105	Hybrid Material Constructed from Hg(NCS)₂ and 2,4,6â€Tris(2â€pyrimidyl)â€1,3,5â€triazine (TPymT): Coordination of TPymT in a 2,2â€²â€Bipyridineâ€Like Mode. European Journal of Inorganic Chemistry, 2015, 2015, 441-446.	1.0	25
106	Synthesis and crystal structures of mononuclear CuII/CoII coordination complexes from pyrazole-dicarboxylate acid derivatives. Polyhedron, 2015, 85, 383-388.	1.0	19
107	Reversible photochromism of an N-salicylidene aniline anion. Chemical Communications, 2014, 50, 649-651.	2.2	43
108	Selective and Reusable Iron(II)-Based Molecular Sensor for the Vapor-Phase Detection of Alcohols. Inorganic Chemistry, 2014, 53, 1263-1265.	1.9	61

#	Article	IF	Citations
109	Water channels and zipper structures in Schiff base-like Cu(<scp>ii</scp>) and Ni(<scp>ii</scp>) mononuclear complexes. CrystEngComm, 2014, 16, 6213-6218.	1.3	19
110	N-Salicylidene aniline derivatives based on the Nâ€²-thiophosphorylated thiourea scaffold. CrystEngComm, 2014, 16, 7053-7061.	1.3	18
111	Structural insight into cocrystallization with zwitterionic co-formers: cocrystals of S-naproxen. CrystEngComm, 2014, 16, 8185.	1.3	31
112	Cocrystal Formation between Chiral Compounds: How Cocrystals Differ from Salts. Crystal Growth and Design, 2014, 14, 3996-4004.	1.4	57
113	Supramolecular Coordination Complexes of the Nâ€Thiophosphorylated 2,5â€Dithiobiurea [NHC(S)NHP(S)(OiPr)₂]₂ with Zn^{II} and Cd^{II} Ions â€“ Cationâ€Induced Dinuclear Mesocate Structure versus Tetranuclear Nanoscaled Aggregate. European Journal of Inorganic Chemistry, 2014, 2014, 5522-5529.	1.0	11
114	Does Chirality Influence the Tendency toward Cocrystal Formation?. Crystal Growth and Design, 2014, 14, 2880-2892.	1.4	14
115	Experimental and theoretical investigations of the NiII complex with N-phosphorylated thiourea iPrNHC(S)NHP(O)(OPh)2. CrystEngComm, 2013, 15, 7845.	1.3	16
116	From a mononuclear NiII precursor to antiferromagnetically coupled trinuclear double-stranded helicates. Dalton Transactions, 2013, 42, 16470.	1.6	11
117	Trivalent organophosphorus reagent induced pinacol rearrangement of 4H-cyclopenta[2,1-b:3,4-bâ€²]dithiophen-4-one. Tetrahedron Letters, 2013, 54, 526-529.	0.7	8
118	Copperâ€Catalyzed Addition of Nucleophilic Silicon to Aldehydes. Angewandte Chemie - International Edition, 2013, 52, 1785-1788.	7.2	77
119	Polycyclic phosphonic acid derivatives obtained by a [4+2] cycloaddition strategy using phosphonodienes. Tetrahedron, 2013, 69, 1138-1147.	1.0	17
120	Complexation properties of N-thiophosphorylated thiourea 2-PyNHC(S)NHP(S)(OiPr)2 towards NiII. Dalton Transactions, 2013, 42, 5252.	1.6	9
121	First structurally characterized self-assembly of bipodal N-thiophosphorylated bis-thiourea with CoII: magnetic properties and thermal decomposition. Dalton Transactions, 2013, 42, 5532.	1.6	6
122	Synthesis and structure of new imidazo- and pyrazolo[5,1-d][1,2,3,5]thiatriazines based on the reaction of diazoazoles with acyl isothiocyanates controlled by Sâ‹¯O interaction. Tetrahedron, 2013, 69, 6987-6992.	1.0	7
123	Reaction of 4H-cyclopenta[2,1-b:3,4-bâ€²]dithiophenes with NBSâ€”a route toward 2H-cyclopenta[2,1-b:3,4-bâ€²]dithiophene-2,6(4H)-diones. Tetrahedron, 2013, 69, 2260-2267.	1.0	5
124	New Mononuclear Cu(II) Complexes and 1D Chains with 4-Amino-4H-1,2,4-triazole. International Journal of Molecular Sciences, 2013, 14, 23597-23613.	1.8	13
125	(Thio)ureido Anion Receptors Based on a 1,3-Alternate Oxacalix[2]arene[2]pyrimidine Scaffold. Journal of Organic Chemistry, 2012, 77, 2791-2797.	1.7	43
126	Solid-state thermo- and photochromism in N,Nâ€²-bis(5-X-salicylidene)diamines (X = H, Br). RSC Advances, 2012, 2, 11379.	1.7	45

#	Article	IF	Citations
127	Halogen anion-induced formation of [(PdLX)2] (X = Clâ^', Brâ^', Iâ^') vs. [PdL2] (L =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 747 Td Dalton Transactions, 2012, 41, 4324.	1.6	5
128	Thiophosphorylated bis-thioureas for competitive bulk liquid membrane transport of some metal ions. CrystEngComm, 2012, 14, 1324-1329.	1.3	16
129	New androst-4-en-17-spiro-1,3,2-oxathiaphospholanes. Synthesis, assignment of absolute configuration and in vitro cytotoxic and antimicrobial activities. Steroids, 2012, 77, 558-565.	0.8	28
130	Oxidative 10-membered ring expansion and contraction of stereoisomeric 1(10)-unsaturated and 1,10-epoxy-5-oxo-5,10-secosteroids induced by peracids. Tetrahedron, 2012, 68, 7479-7488.	1.0	1
131	Visible Absorption and Fluorescence Spectroscopy of Conformationally Constrained, Annulated BODIPY Dyes. Journal of Physical Chemistry A, 2012, 116, 9621-9631.	1.1	51
132	Configurationally Stable Tris(tetrathioaryl)methyl Molecular Propellers. European Journal of Organic Chemistry, 2012, 2012, 6517-6525.	1.2	6
133	Advances in Pharmaceutical Co-crystal Screening: Effective Co-crystal Screening through Structural Resemblance. Crystal Growth and Design, 2012, 12, 475-484.	1.4	77
134	Crown ether-containing N-salicylidene aniline derivatives: synthesis, characterization and optical properties. CrystEngComm, 2012, 14, 5523.	1.3	29
135	Metal-Controlled Diastereoselective Self-Assembly and Circularly Polarized Luminescence of a Chiral Heptanuclear Europium Wheel. Journal of the American Chemical Society, 2012, 134, 8372-8375.	6.6	111
136	Reaction of aminobenzoate esters with N,Nâ€²-dimethylformamide azine dihydrochloride: crucial influence of intramolecular hydrogen bonding for the formation of 1,2,4-triazoles. CrystEngComm, 2012, 14, 4812.	1.3	5
137	Complexation properties of the crown ether-containing N-thiophosphorylated thiourea towards Ni^{II}. Dalton Transactions, 2012, 41, 1451-1453.	1.6	13
138	Homoselenacalix[4]arenes: synthetic exploration and metallosupramolecular chemistry. Organic and Biomolecular Chemistry, 2012, 10, 6526.	1.5	21
139	Chromateâ€Mediated Oneâ€Step Quantitative Transformation of PW₁₂ into P₂W₂₀ Polyoxometalates. European Journal of Inorganic Chemistry, 2012, 2012, 3852-3858.	1.0	5
140	Influence of polymorphism on N-thiophosphorylated thiourea 4-Me2NC6H4NHC(S)NHP(S)(OiPr)2 crystal design. Inorganic Chemistry Communication, 2012, 18, 34-37.	1.8	2
141	Synthesis and Fucosidase Inhibitory Study of Unnatural Pyrrolidine Alkaloid 4-epi-(+)-Codonopsinine. Journal of Organic Chemistry, 2011, 76, 4094-4098.	1.7	41
142	Spin Transition Charted in a Fluorophore-Tagged Thermochromic Dinuclear Iron(II) Complex. Journal of the American Chemical Society, 2011, 133, 15850-15853.	6.6	155
143	Odd-Numbered Oxacalix[n]arenes (n = 5, 7): Synthesis and Solid-State Structures. Organic Letters, 2011, 13, 126-129.	2.4	36
144	Novel phosphonated bicyclic frameworks from Dielsâ€“Alder reaction as chelating agents of di- and trivalent metal cations. Tetrahedron Letters, 2011, 52, 5140-5144.	0.7	16

#	Article	IF	Citations
145	Homothiacalix[4]arenes: Synthetic Exploration and Solidâ€State Structures. Chemistry - A European Journal, 2011, 17, 10339-10349.	1.7	20
146	Zinc complexes with 1,2,4-triazole functionalized amino acid derivatives: Synthesis, structure and Î²-lactamase assay. Inorganica Chimica Acta, 2011, 368, 21-28.	1.2	29
147	Synthesis, Spectroscopy, Crystal Structure Determination, and Quantum Chemical Calculations of BODIPY Dyes with Increasing Conformational Restriction and Concomitant Redâ€Shifted Visible Absorption and Fluorescence Spectra. Chemistry - an Asian Journal, 2010, 5, 2016-2026.	1.7	44
148	Synthetic Exploration of Oxacalix[2]arene[2]quinazolines. European Journal of Organic Chemistry, 2010, 2010, 4122-4129.	1.2	27
149	Synthetic, Structural, and Photophysical Exploration of mesoâ€Pyrimidinylâ€Substituted AB₂â€Corroles. Chemistry - A European Journal, 2010, 16, 5691-5705.	1.7	51
150	Synthesis and characterization of the new cyclosilicate hydrate (hexamethyleneimine)4Â·[Si8O16(OH)4]Â·12H2O. Microporous and Mesoporous Materials, 2010, 130, 14-20.	2.2	6
151	Hexakis(adamantyltrimethylammonium) cyclooctasilicate tetratetracontahydrate. Acta Crystallographica Section C: Crystal Structure Communications, 2010, 66, o619-o622.	0.4	0
152	Comparison between the orthorhombic and tetragonal forms of the heptamer sequence d[GCG(xT)GCG]/d(CGCACGC). Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 1028-1031.	0.7	2
153	Direct observation of two cyclohexenyl (CeNA) ring conformations in duplex DNA. Artificial DNA, PNA & XNA, 2010, 1, 2-8.	1.4	13
154	An Asymmetric Approach towards (â€“)â€Aphanorphine and Its Analogues. European Journal of Organic Chemistry, 2009, 2009, 793-796.	1.2	38
155	Efficient one-step synthesis of chiral bidentate oxazoline-alcohol ligands via a cyclic imidate ester rearrangement. Tetrahedron: Asymmetry, 2009, 20, 1962-1968.	1.8	15
156	3-Alkylsulfanyl-2-arylazo-3-(pyrrolidin-1-yl)-acrylonitriles as masked 1,3-dipoles. Tetrahedron, 2009, 65, 7662-7672.	1.0	17
157	Chiral imidates as a new class of nitrogen-based chiral ligands: synthesis and catalytic activity in asymmetric aziridinations and diethylzinc additions. Tetrahedron, 2009, 65, 8879-8884.	1.0	23
158	Homoselenacalix[n]arenes. Organic Letters, 2009, 11, 3040-3043.	2.4	38
159	A facile and general method for the synthesis of 6,12-diaryl-5,11-dihydroindolo[3,2-b]carbazoles. Organic and Biomolecular Chemistry, 2009, 7, 380-385.	1.5	46
160	Synthesis, Spectroscopy, Crystal Structure, Electrochemistry, and Quantum Chemical and Molecular Dynamics Calculations of a 3-Anilino Difluoroboron Dipyrromethene Dye. Journal of Physical Chemistry A, 2009, 113, 439-447.	1.1	98
161	Revisiting the planarity of nucleic acid bases: Pyramidilization at glycosidic nitrogen in purine bases is modulated by orientation of glycosidic torsion. Nucleic Acids Research, 2009, 37, 7321-7331.	6.5	27
162	Synthesis and Biological Evaluation of Bridged Analogues of the Platelet Aggregation Inhibitor Trifenagrel. Letters in Drug Design and Discovery, 2009, 6, 478-486.	0.4	0

#	Article	IF	Citations
163	Synthesis of pyrazino[1,2-a]benzimidazol-1(2H)ones via a microwave assisted Buchwaldâ€“Hartwig type reaction. Tetrahedron, 2008, 64, 8128-8133.	1.0	33
164	Facile synthesis of novel indolo[3,2-b]carbazole derivatives and a chromogenic-sensing 5,12-dihydroindolo[3,2-b]carbazole. Organic and Biomolecular Chemistry, 2008, 6, 2484.	1.5	35
165	Structure of the Fully Modified Left-Handed Cyclohexene Nucleic Acid Sequence GTGTACAC. Journal of the American Chemical Society, 2008, 130, 1979-1984.	6.6	18
166	Influence of the incorporation of a cyclohexenyl nucleic acid (CeNA) residue onto the sequence d(CGCGAATTCGCG). Nucleic Acids Research, 2008, 36, 1407-1414.	6.5	14
167	trans-Chlorido[6-chloro-4-(4-methoxybenzyl)-3-oxo-3,4-dihydropyrazin-2-yl]bis(triphenylphosphine)palladium(II). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, m93-m93.	0.2	0
168	Design, Synthesis and Evaluation of Serine Protease Inhibitor Analogues. European Journal of Organic Chemistry, 2007, 2007, 2977-2986.	1.2	4
169	A new synthetic method for the 2H-[1,2,3]thiadiazolo[5,4-b]indoles. Tetrahedron, 2007, 63, 3042-3048.	1.0	19
170	Ethyl 2-(2,3-dioxoindolin-1-yl)acetate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o1747-o1748.	0.2	4
171	Rhodium-Catalyzed Asymmetric Conjugate Additions of Boronic Acids to Enones Using DIPHONANE:â€‰ A Novel Chiral Bisphosphine Ligand. Organic Letters, 2006, 8, 363-366.	2.4	57
172	Synthesis of 1,5-disubstituted 4-haloimidazoles from Î±-aminonitriles. Tetrahedron Letters, 2006, 47, 5451-5453.	0.7	17
173	Oligonucleotides with cyclohexene-nucleoside building blocks: crystallization and preliminary X-ray studies of a left-handed sequence GTGTACAC. Acta Crystallographica Section F: Structural Biology Communications, 2005, 61, 585-586.	0.7	0
174	Synthesis of Novel Azolo[1,2,3,5]thiatriazines. Synlett, 2004, 2004, 2037-2039.	1.0	0
175	Title is missing!. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2003, 629, 975-980.	0.6	7
176	Quasi-aromatic MÃ¶bius chelates of Cadmium(II) nitrite and/or nitrate.. CrystEngComm, 0, , .	1.3	0
177	<scp>l</scp>-Proline, a resolution agent able to target both enantiomers of mandelic acid: an exciting case of stoichiometry controlled chiral resolution. Chemical Communications, 0, , .	2.2	5
178	Architecture of a dinuclear Co(II) complex based on 3-amino-1,2,4-triazole-5-carboxylic acid: molecular structure, thermal behavior, optical properties, and DFT calculations. Journal of Coordination Chemistry, 0, , 1-17.	0.8	2