

# Richard J Staples

## List of Publications by Year in descending order

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251  
papers

7,522  
citations

50276

46  
h-index

74163

75  
g-index

273  
all docs

273  
docs citations

273  
times ranked

6716  
citing authors

#	ARTICLE	IF	CITATIONS
1	An ultra-dynamic anion-cluster-based organic framework. <i>CheM</i> , 2022, 8, 253-267.	11.7	17
2	Functionalized planar aromatic rings as precursors to energetic <i>N,N'</i> -(4,6-dinitro-1,3-phenylene)dinitramide and its salts. <i>Materials Chemistry Frontiers</i> , 2022, 6, 933-938.	5.9	4
3	Synthesis of diphenyl-(2-thienyl)phosphine, its chalcogenide derivatives and a series of novel complexes of lanthanide nitrates and triflates. <i>Dalton Transactions</i> , 2022, 51, 9103-9115.	3.3	5
4	Engineering bistetrazoles: (E)-5,5'-(ethene-1,2-diyl)bis(1H-tetrazol-1-ol) as a new planar high-energy-density material. <i>Materials Advances</i> , 2022, 3, 6062-6068.	5.4	7
5	Synthesis of a high-energy-density material through rapid replacement of crystal water of hydrates. <i>CheM</i> , 2022, 8, 2678-2687.	11.7	9
6	Silver(I) bis(phosphanyl amino)naphthalene complexes: Synthesis, structures and density functional theory (DFT) calculations. <i>Inorganica Chimica Acta</i> , 2021, 515, 120041.	2.4	4
7	Very thermostable energetic materials based on a fused-triazole: 3,6-diamino-1H-[1,2,4]triazolo[4,3-b][1,2,4]triazole. <i>New Journal of Chemistry</i> , 2021, 45, 85-91.	2.8	21
8	Long-Range Stereodirecting Participation across a Glycosidic Linkage in Glycosylation Reactions. <i>Organic Letters</i> , 2021, 23, 1153-1156.	4.6	10
9	Hydrogen bond system generated by nitroamino rearrangement: new character for designing next generation energetic materials. <i>Chemical Communications</i> , 2021, 57, 603-606.	4.1	18
10	HFOX "1-Amino-1-hydrazino-2,2-Dinitroethylene as a Precursor to Trifluoromethyl, Dinitro, or Trinitro-Based Energetic 1,2,4-Triazoles. <i>Organic Letters</i> , 2021, 23, 76-80.	4.6	18
11	Ritter-enabled catalytic asymmetric chloroamidation of olefins. <i>Chemical Science</i> , 2021, 12, 1834-1842.	7.4	9
12	Mono-N-oxidation of heterocycle-fused pyrimidines. <i>Dalton Transactions</i> , 2021, 50, 2143-2148.	3.3	15
13	Taming nitroformate through encapsulation with nitrogen-rich hydrogen-bonded organic frameworks. <i>Nature Communications</i> , 2021, 12, 2146.	12.8	42
14	Crystal structure of tris(2-dicyclohexylphosphino-2,6-dimethoxy-1,1'-biphenyl- <i>P</i> )- $\mu_4$ -oxoethenylidene-trigold(I) <sub>0.5</sub> bis(trifluoromethanesulfonyl)imide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2021, 77, 537-541.	0.5	
15	Synthesis and energetic properties of trifluoromethyl-substituted 2-nitro-[1,2,4]triazolo[1,5-a]pyrimidine derivatives. <i>Journal of Fluorine Chemistry</i> , 2021, 245, 109743.	1.7	13
16			

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19	Synthesis, identification, density functional and Hirshfeld surface studies of 2,2'-disulfanediybis() Tj ETQq1 1 0.784314 rgBT /Overl 2021, 42, 1873-1884.	3.3	1
20	One Step Closer to an Ideal Insensitive Energetic Molecule: 3,5-Diamino-6-hydroxy-2-oxide-4-nitropyrimidone and its Derivatives. Journal of the American Chemical Society, 2021, 143, 12665-12674.	13.7	41
21	Extraordinary phase coherence length in epitaxial halide perovskites. IScience, 2021, 24, 102912.	4.1	5
22	Energetic compounds based on a new fused triazolo[4,5-d]pyridazine ring: Nitroimino lights up energetic performance. Chemical Engineering Journal, 2021, 420, 129839.	12.7	36
23	A Heteromeric Carboxylic Acid Based Single-Crystalline Crosslinked Organic Framework. Angewandte Chemie, 2021, 133, 23360.	2.0	8
24	A Heteromeric Carboxylic Acid Based Single-Crystalline Crosslinked Organic Framework. Angewandte Chemie - International Edition, 2021, 60, 23176-23181.	13.8	29
25	Bridged and fused triazolic energetic frameworks with an azo building block towards thermally stable and applicable propellant ingredients. Journal of Materials Chemistry A, 2021, 9, 24903-24908.	10.3	22
26	1,2-Bis(5-(trinitromethyl)-1,2,4-oxadiazol-3-yl)diazene: a water stable, high-performing green oxidizer. Dalton Transactions, 2021, 50, 16929-16932.	3.3	10
27	Nucleophilic Catalyzed Structural Binary Cleavage of a Fused [5,5]-Bicyclic Compound. Organic Letters, 2021, , .	4.6	3
28	Pushing the Limit of Nitro Groups on a Pyrazole Ring with Energy-Stability Balance. ACS Applied Materials & Interfaces, 2021, 13, 61357-61364.	8.0	25
29	Probing Catalyst Function – Electronic Modulation of Chiral Polyborate Anionic Catalysts. Journal of Organic Chemistry, 2021, 86, 17762-17773.	3.2	1
30	Measurement of the Dissociation of Eu <sup>III</sup> -Containing Cryptates Using Murexide. Inorganic Chemistry, 2020, 59, 86-93.	4.0	8
31	Structure and Chemical Analysis of Major Specialized Metabolites Produced by the Lichen <i>Evernia prunastri</i> . Chemistry and Biodiversity, 2020, 17, e1900465.	2.1	9
32	A Duo and a Trio of Triazoles as Very Thermostable and Insensitive Energetic Materials. Inorganic Chemistry, 2020, 59, 17766-17774.	4.0	33
33	An Azo-Bridged Triazole Derived from Tetrazine. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2020, 646, 1799-1804.	1.2	7
34	Catalytic Asymmetric Aziridination of Benzhydryl Imines and Diazoacetate-Esters with BOROX Catalysts from 3,3'-Disubstituted VANOL Ligands. Synthesis, 2020, 52, 2073-2091.	2.3	6
35	Asymmetric Catalytic Meerwein-Ponndorf-Verley Reduction of Ketones with Aluminum(III)-VANOL Catalysts. ACS Catalysis, 2020, 10, 7188-7194.	11.2	13
36	Synthesis and Crystallographic Characterization of X-Substituted 2,4-Dinitrophenyl-4-phenylbenzenesulfonates. Chemistry, 2020, 2, 591-599.	2.2	5

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37	Low-spin cobalt( <i>II</i> ) redox shuttle by isocyanide coordination. Sustainable Energy and Fuels, 2020, 4, 2497-2507.	4.9	2
38	Two Beta-Phosphorylamide Compounds as Ligands for Sm <sup>3+</sup> , Eu <sup>3+</sup> , and Tb <sup>3+</sup> : X-ray Crystallography and Luminescence Properties. Molecules, 2020, 25, 2971.	3.8	1
39	Synthesis of Chromium(II) Complexes with Chelating Bis(alkoxide) Ligand and Their Reactions with Organoazides and Diazoalkanes. Molecules, 2020, 25, 273.	3.8	6
40	The Synthesis of Functionalized 3-Aryl- and 3-Heteroaryloxazolidin-2-ones and Tetrahydro-3-aryl-1,3-oxazin-2-ones via the Iodocyclocarbamation Reaction: Access to Privileged Chemical Structures and Scope and Limitations of the Method. Journal of Organic Chemistry, 2020, 85, 6323-6337.	3.2	3
41	Crystal structure of 4-methyl- <i>N</i> -(4-methylbenzyl)benzenesulfonamide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 235-238.	0.5	1
42	Crystal structure of 1-[(4-methylbenzene)sulfonyl]pyrrolidine. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 452-455.	0.5	1
43	Crystal structure of 4-methyl- <i>N</i> -propylbenzenesulfonamide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1070-1074.	0.5	3
44	Crystal structure of <i>N</i> , <i>N</i> -diisopropyl-4-methylbenzenesulfonamide. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1018-1021.	0.5	0
45	Syntheses and crystal structures of the anhydride 4-oxatetracyclo[5.3.2.0 <sup>2,6</sup> .0 <sup>8,10</sup> ]dodec-11-ene-3,5-dione and the related imide 4-(4-bromophenyl)-4-azatetracyclo[5.3.2.0 <sup>2,6</sup> .0 <sup>8,10</sup> ]dodec-11-ene-3,5-dione. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 1311-1315.	0.5	0
46	Electronic and Structural Comparisons between Iron(II/III) and Ruthenium(II/III) Imide Analogs. Inorganic Chemistry, 2019, 58, 11699-11715.	4.0	8
47	R <sup>1</sup> / <sub>4</sub> cktitelbild: Total Synthesis of (âˆ)â€šalinosporamideâ€š...A via a Late Stage CâˆH Insertion (Angew. Chem.) Tj ETOq1 1 0,784314	2.0	0
48	Au(I)-Catalyzed Synthesis of Trisubstituted Indolizines from 2-Propargyloxypyridines and Methyl Ketones. Organic Letters, 2019, 21, 5591-5595.	4.6	20
49	Heterodimetallic Ferrocenyl Dithiophosphonate Complexes of Nickel(II), Zinc(II) and Cadmium(II) as Sensitizers for TiO <sub>2</sub> -Based Dyeâ€šensitized Solar Cells. ChemistrySelect, 2019, 4, 7416-7424.	1.5	16
50	Î²-Hydroxy-Stabilized Boronâ€šNitrogen Heterocycles Enable Rapid and Efficient C-Terminal Protein Modification. Bioconjugate Chemistry, 2019, 30, 2604-2613.	3.6	17
51	Three monomeric compounds containing the dipyrimidine-2-thiolategold(I) anion. Polyhedron, 2019, 157, 474-478.	2.2	1
52	Phosphine interactions with high oxidation state metals. Polyhedron, 2019, 159, 284-297.	2.2	4
53	Total Synthesis of (âˆ)â€šalinosporamideâ€š...A via a Late Stage CâˆH Insertion. Angewandte Chemie, 2019, 131, 10216-10219.	2.0	8
54	Epitaxial Stabilization of Tetragonal Cesium Tin Iodide. ACS Applied Materials & Interfaces, 2019, 11, 32076-32083.	8.0	28

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55	Topochemical Synthesis of Single-Crystalline Hydrogen-Bonded Cross-Linked Organic Frameworks and Their Guest-Induced Elastic Expansion. <i>Journal of the American Chemical Society</i> , 2019, 141, 10915-10923.	13.7	92
56	Total Synthesis of (â)â€Salinosporamideâ€...A via a Late Stage Câ~H Insertion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10110-10113.	13.8	18
57	Crystal structures of two bis-carbamoylmethylphosphine oxide (CMPO) compounds. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 991-996.	0.5	1
58	Syntheses and crystal structures of 2-methyl-1,1,2,3,3-pentaphenyl-2-silapropane and 2-methyl-1,1,3,3-tetraphenyl-2-silapropan-2-ol. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2019, 75, 1339-1343.	0.5	0
59	Synthesis, spectral characterization and antibacterial activity of <i>O, Oâ€™™</i>-dialkyl and alkylene dithiophosphatogold (III)dichloride; crystal structure of [S<sub>2</sub>POCMe<sub>2</sub>CMe<sub>2</sub>O]AuCl<sub>2</sub>. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2018, 193, 871-876.	1.6	1
60	Spin-Doctoring Cobalt Redox Shuttles for Dye-Sensitized Solar Cells. <i>Inorganic Chemistry</i> , 2018, 57, 11633-11645.	4.0	6
61	Cobalt-Catalyzed Câ€H Borylation of Alkyl Arenes and Heteroarenes Including the First Selective Borylations of Secondary Benzylic Câ€H Bonds. <i>Organometallics</i> , 2018, 37, 1567-1574.	2.3	34
62	Crystal structure of <i>cis</i>-[1,2-bis(diphenylphosphanyl)ethene-Î²<sup>2</sup></i> <i>P</i>, <i>P</i>â€²]dichloridoplatinum(II) chloroform disolvate: a new polymorph. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 998-1001.	0.5	3
63	Divergent topologies in luminescent and nitrobenzene-detecting zinc diphenate coordination polymers with flexible dipyridylamide ligands. <i>Polyhedron</i> , 2018, 151, 369-380.	2.2	10
64	Crystal structure of <i>N</i>-allyl-4-methylbenzenesulfonamide. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1126-1129.	0.5	4
65	Crystal structures of 2-bromo-1,1,1,3,3,3-hexamethyl-2-(trimethylsilyl)trisilane and 2-bromo-1,1,1,3,3,3-hexaisopropyl-2-(triisopropylsilyl)trisilane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2018, 74, 1142-1146.	0.5	0
66	Highly Regio- and Enantioselective Vicinal Dihalogenation of Allyl Amides. <i>Journal of the American Chemical Society</i> , 2017, 139, 2132-2135.	13.7	47
67	Assembly of a mononuclear ferrous site using a bulky aldehyde-imidazole ligand. <i>Inorganica Chimica Acta</i> , 2017, 464, 152-156.	2.4	2
68	Highâ€Field NMR Spectroscopy Reveals Aromaticityâ€Modulated Hydrogen Bonding in Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 9842-9846.	13.8	11
69	Catalystâ€Controlled Multicomponent Aziridination of Chiral Aldehydes. <i>Chemistry - A European Journal</i> , 2017, 23, 2552-2556.	3.3	10
70	Highâ€Field NMR Spectroscopy Reveals Aromaticityâ€Modulated Hydrogen Bonding in Heterocycles. <i>Angewandte Chemie</i> , 2017, 129, 9974-9978.	2.0	1
71	Formation of hydrazones and stabilized boronâ€nitrogen heterocycles in aqueous solution from carbohydrazides and ortho-formylphenylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7543-7548.	2.8	40
72	Thermally Induced Oxidation of [Fe II (tacn) 2 ](OTf) 2 (tacn = 1,4,7â€triazacyclononane). <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5529-5535.	2.0	2

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73	Synthesis and reactivity of a 4His enzyme model complex. RSC Advances, 2017, 7, 50713-50719.	3.6	1
74	Electronic Modulation of the SOMOâ€“HOMO Energy Gap in Iron(III) Complexes towards Unimolecular Current Rectification. Chemistry - A European Journal, 2016, 22, 10786-10790.	3.3	13
75	Light-Emitting Diodes: Phosphorescent Nanocluster Light-Emitting Diodes (Adv. Mater. 2/2016). Advanced Materials, 2016, 28, 319-319.	21.0	2
76	Reprint of: Divalent metal diphenate dipyridylamine coordination polymers: Supramolecular polytypism and a rare 5-connected topology based on arc-like hexanuclear clusters. Polyhedron, 2016, 114, 459-471.	2.2	1
77	f-Element coordination and extraction selectivity of a carbamoylmethylphosphine oxide ligand based on a tripodal phosphine oxide scaffold. Inorganica Chimica Acta, 2016, 449, 96-106.	2.4	9
78	Unsubstituted and substituted copper malonate coordination polymers with isomeric dipyridylamide ligands: Chain, layer, diamondoid, and self-penetrated topologies. Inorganica Chimica Acta, 2016, 446, 176-188.	2.4	3
79	Phosphorescent Nanocluster Lightâ€“Emitting Diodes. Advanced Materials, 2016, 28, 320-326.	21.0	67
80	Evaluation of the coordination preferences and catalytic pathways of heteroaxial cobalt oximes towards hydrogen generation. Chemical Science, 2016, 7, 3264-3278.	7.4	35
81	Th(IV) complexes with cis-ethylenebis(diphenylphosphine oxide): X-ray structures and NMR solution studies. Polyhedron, 2016, 114, 2-12.	2.2	8
82	Crystal structure of phenyl 2,4,5-trichlorobenzenesulfonate. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 789-792.	0.5	3
83	Crystal structure of 2,4-dinitrophenyl 4-methylbenzenesulfonate: a new polymorph. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1085-1088.	0.5	2
84	Crystal structure of N-[(1S,2S)-2-aminocyclohexyl]-2,4,6-trimethylbenzenesulfonamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1521-1524.	0.5	1
85	Distinct Proton and Water Reduction Behavior with a Cobalt(III) Electrocatalyst Based on Pentadentate Oximes. Angewandte Chemie, 2015, 127, 7245-7249.	2.0	8
86	Conformational Isomerism in Solid State of AMG 853â€”Structure Studies Using Solid-State Nuclear Magnetic Resonance and X-ray Diffraction. Journal of Pharmaceutical Sciences, 2015, 104, 2161-2168.	3.3	2
87	Distinct Proton and Water Reduction Behavior with a Cobalt(III) Electrocatalyst Based on Pentadentate Oximes. Angewandte Chemie - International Edition, 2015, 54, 7139-7143.	13.8	21
88	Highly Stereoselective Intermolecular Haloetherification and Haloesterification of Allyl Amides. Angewandte Chemie - International Edition, 2015, 54, 9517-9522.	13.8	54
89	Selection of a Suitable Physical Form and Development of a Crystallization Process for a PDE10A Inhibitor Exhibiting Enantiotropic Polymorphism. Organic Process Research and Development, 2015, 19, 1849-1858.	2.7	5
90	Crystal structure of 3,5-dimethylphenyl 2-nitrobenzenesulfonate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1045-1047.	0.5	2

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91	Divalent metal diphenate dipyridylamine coordination polymers: Supramolecular polytypism and a rare 5-connected topology based on arc-like hexanuclear clusters. <i>Polyhedron</i> , 2015, 89, 168-181.	2.2	3
92	Temperature-dependent polymorphism and magnetic properties of three-dimensional copper pyromellitate coordination polymers containing 4,4'-dipyridylamine. <i>Journal of Solid State Chemistry</i> , 2015, 225, 222-230.	2.9	4
93	C/O/P/S cycles derived from oxidative intramolecular disulfide (S-S) coupling of ferrocenyl dithiophosphonates. <i>Journal of Organometallic Chemistry</i> , 2015, 794, 33-39.	1.8	11
94	Structural Chemistry and Properties of Metal Oxalates Containing a Long-Spanning Dipyridyl Ligand: Chain, Interpenetrated Diamondoid, Threaded-Loop Layer, and Self-Penetrated Topologies. <i>Crystal Growth and Design</i> , 2015, 15, 2260-2271.	3.0	22
95	Reversible Borylene Formation from Ring Opening of Pinacolborane and Other Intermediates Generated from Five-Coordinate Tris-Boryl Complexes: Implications for Catalytic C-H Borylation. <i>Organometallics</i> , 2015, 34, 4732-4740.	2.3	22
96	Crystal structure of bis(3,3-dimethyl-2-oxobutyl)diphenylphosphonium bromide chloroform monosolvate. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o339-o340.	0.5	0
97	Synthesis and Structure of Chromium(VI) Nitrido Cyclopentadienyl Complexes. <i>Organometallics</i> , 2015, 34, 4567-4573.	2.3	11
98	Crystal structures of 1-(4-chlorophenyl)-2-(diphenylphosphoryl)ethan-1-one and 1-(diphenylphosphoryl)-3,3-dimethylbutan-2-one. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, 523-527.	0.5	1
99	The iso-VAPOL ligand: synthesis, solid-state structure and its evaluation as a BOROXY catalyst. <i>Catalysis Science and Technology</i> , 2014, 4, 4406-4415.	4.1	7
100	Crystal structure of a samarium(III) nitrate chain cross-linked by a bis-carbamoylmethylphosphine oxide ligand. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 188-191.	0.2	2
101	2,2'-Bi[benzo[b]thiophene]: an unexpected isolation of the benzo[b]thiophene dimer. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2014, 70, 547-549.	0.5	3
102	Luminescent zinc terephthalate coordination polymers with pyridylnicotinamide ligands: Effect of added base and nitrogen donor disposition on topology. <i>Journal of Molecular Structure</i> , 2014, 1062, 116-124.	3.6	9
103	Catalytic Asymmetric $\pm$ -Iminol Rearrangement: New Chiral Platforms. <i>Journal of the American Chemical Society</i> , 2014, 136, 13971-13974.	13.7	65
104	Silyl Phosphorus and Nitrogen Donor Chelates for Homogeneous Ortho Borylation Catalysis. <i>Journal of the American Chemical Society</i> , 2014, 136, 14345-14348.	13.7	149
105	Titanium-Catalyzed, One-Pot Synthesis of 2-Amino-3-cyano-pyridines. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1811-1822.	4.3	31
106	Crystal structure of pentakis(ethylenediamine- $\eta^2$ N,N $\eta^2$ )lanthanum(III) trichloride $\cdot$ ethylenediamine $\cdot$ dichloromethane (1/1/1). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2014, 70, 424-426.	0.2	1
107	Kinetic Resolution of Unsaturated Amides in a Chlorocyclization Reaction: Concomitant Enantiomer Differentiation and Face Selective Alkene Chlorination by a Single Catalyst. <i>Journal of the American Chemical Society</i> , 2013, 135, 14806-14813.	13.7	68
108	A 4-coordinate Ru(II) imido: unusual geometry, synthesis, and reactivity. <i>Chemical Communications</i> , 2013, 49, 10799.	4.1	19

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109	A hexanuclear gold(i) metallatriangle derived from a chiral dithiophosphate: synthesis, structure, luminescence and oxidative bromination reactivity. <i>CrystEngComm</i> , 2013, 15, 4417.	2.6	14
110	Single-site N≡N bond cleavage by Mo( $\mu_4$ ): possible mechanisms of hydrazido(1 $\pi$ ) to nitrido conversion. <i>Dalton Transactions</i> , 2013, 42, 2530-2539.	3.3	12
111	Multifaceted interception of 2-chloro-2-oxoacetic anhydrides: a catalytic asymmetric synthesis of $\beta$ -lactams. <i>Chemical Science</i> , 2013, 4, 622-628.	7.4	23
112	Rational Synthesis for All $\beta$ -Homocalixarenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 911-915.	13.8	7
113	Control of Self-Penetration and Dimensionality in Luminescent Cadmium Succinate Coordination Polymers via Isomeric Dipyridylamide Ligands. <i>Crystal Growth and Design</i> , 2013, 13, 2220-2232.	3.0	55
114	Crystal structure study and investigation of solid-state cyclization for AMG 222, a channel hydrate. <i>International Journal of Pharmaceutics</i> , 2013, 441, 299-306.	5.2	8
115	Tetrabutylammonium tetrakis(trimethylsilanolato- $\eta^5$ -O)ferrate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1186-m1186.	0.2	3
116	Optimization of tricyclic Nec-3 necroptosis inhibitors for in vitro liver microsomal stability. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5685-5688.	2.2	14
117	Evaluation of Donor and Steric Properties of Anionic Ligands on High Valent Transition Metals. <i>Inorganic Chemistry</i> , 2012, 51, 1187-1200.	4.0	59
118	3,4-Dihydroxypyrrolidines via Modified Tandem Aza-Payne/Hydroamination Pathway. <i>Organic Letters</i> , 2012, 14, 3592-3595.	4.6	18
119	Absolute Configuration for 1, <i>n</i> -Glycols: A Nonempirical Approach to Long-Range Stereochemical Determination. <i>Journal of the American Chemical Society</i> , 2012, 134, 9026-9029.	13.7	83
120	Oxygen atom transfer mediated by an iron(IV)/iron(II) macrocyclic complex containing pyridine and tertiary amine donors. <i>Journal of Inorganic Biochemistry</i> , 2012, 115, 1-12.	3.5	19
121	Double Stereodifferentiation in the Catalytic Asymmetric Aziridination of Imines Prepared from $\beta$ -Chiral Amines. <i>Chemistry - A European Journal</i> , 2012, 18, 5302-5313.	3.3	35
122	Gold(I) complexes of neutral, anionic, and oxidized bis(diphenylphosphino)acetonitrile. <i>Inorganic Chemistry Communication</i> , 2012, 15, 216-220.	3.9	8
123	On the Chlorenium Source in the Asymmetric Chlorolactonization Reaction. <i>Organic Letters</i> , 2011, 13, 608-611.	4.6	103
124	Preparation, solid state characterization, and single crystal structure analysis of N-(4-(6-(4-(trifluoromethyl)phenyl)pyrimidin-4-yloxy)benzo[d]thiazol-2-yl)acetamide crystal forms. <i>CrystEngComm</i> , 2011, 13, 1170-1180.	2.6	3
125	Synthesis and hydroamination catalysis with 3-aryl substituted pyrrolyl and dipyrrolylmethane titanium(IV) complexes. <i>Dalton Transactions</i> , 2011, 40, 7762.	3.3	26
126	Development of a Formal Catalytic Asymmetric [4 + 2] Addition of Ethyl-2,3-butadienoate with Acyclic Enones. <i>Organic Letters</i> , 2011, 13, 5732-5735.	4.6	82



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127	Synthesis of a New Class of $\beta$ -Iodo $\alpha$ -Alkenyl 2-Pyridones. <i>Organic Letters</i> , 2011, 13, 6224-6227.	4.6	17
128	A Catalytic Asymmetric Chlorocyclization of Unsaturated Amides. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2593-2596.	13.8	174
129	Selectivity in the Addition Reactions of Organometallic Reagents to Aziridine $\alpha$ -Carboxaldehydes: The Effects of Protecting Groups and Substitution Patterns. <i>Chemistry - A European Journal</i> , 2011, 17, 12326-12339.	3.3	16
130	$[\frac{1}{4}$ -Bis(diphenylphosphanyl)acetonitrile] $^2$ [chloridogold(I)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, m64-m64.	0.2	2
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236	Excited States of Gold(I) Compounds, Luminescence and Gold-Gold Bonding. <i>Metal-Based Drugs</i> , 1994, 1, 459-466.	3.8	8
237	Syntheses of dinuclear gold(I) ring complexes containing 1,1-dicyanoethene-2,2-dithiolate-S, S and bis(diphosphines) as bridging ligands. X-ray crystal structure of $[\text{Au}_2^{1/4}(\text{i-MNT})^{1/4}(\text{dppee})]$ . <i>Inorganica Chimica Acta</i> , 1994, 217, 45-49.	2.4	24
238	Synthesis and structural characterisation of $[(\text{pta})_3\text{Au}]_2\text{Au}_2(\text{i-mnt})_2\text{A}\cdot 0.5\text{Me}_2\text{Co}\hat{\text{A}}\cdot 0.5\text{MeCN}$ ; an example of unsupported $\text{Au}^{\delta-}\text{Au}^{\delta+}$ interactions with $[\text{Au}(\text{pta})_3]^+$ , giving a non-linear tetranuclear chain $\{\text{pta} = \text{phosphatrimazaadamantane, i-mnt} = [\text{S}_2\text{C}_2(\text{CN})_2]_2\hat{\text{A}}\}$ . <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 431-432.	2.0	36
239	Syntheses and Characterizations of $\text{Au}_2\text{MNT}(\text{PR}_3)_2$ (R = Me, Et, OPh, Cy). Study of Structural Features of Open Ring Complexes as a Function of Tertiary Phosphine and Phosphite Cone Angle. <i>Inorganic Chemistry</i> , 1994, 33, 5940-5945.	4.0	32
240	Copper complexes with di-pyridylmethane. The synthesis and X-ray structures of bis(di-pyridylmethane)copper(I) perchlorate, bis(di-pyridylmethane)copper(II) perchlorate and dichloro- $\hat{1}/4$ -dichloro-bis(di-pyridylmethane)dicopper(II). <i>Inorganica Chimica Acta</i> , 1993, 203, 73-80.	2.4	26
241	Synthesis and characterization of dinuclear gold(I) ring and open-ring complexes containing saturated and unsaturated dithiol bridging ligands and phosphine or bis(diphosphine) donor ligands. Crystal structures of $[\text{Au}_2(\mu\text{-S}(\text{CH}_2)_3\text{S})(\mu\text{-dppm})]$ , $[\text{Au}_2(\mu\text{-MNT})(\text{PPh}_3)_2]$ , $[\text{Au}_2(\mu\text{-S}_2\text{C}_6\text{H}_4)(\text{PPh}_3)_2]$ , and $[\text{Au}_4(\mu\text{-S}_2\text{C}_6\text{H}_3\text{CH}_3)_2(\text{PF}_6)_2]$ . <i>Inorganic Chemistry</i> , 1993, 32, 1749-1755.	4.0	99
242	Structural isomers of $[\text{Au}(\text{CH}_2)_2\text{PPh}_2]_2\text{Br}_4$ . 2. Crystal structures of cis/cis- $[\text{Au}(\text{CH}_2)_2\text{PPh}_2]_2\text{Br}_4$ and the cationic A-frame $[(\mu\text{-Br})(\text{Au}(\text{CH}_2)_2\text{PPh}_2)_2\text{Br}_2][\text{Br}_2]$ . <i>Inorganic Chemistry</i> , 1993, 32, 5576-5581.	4.0	15
243	Syntheses and x-ray structural characterizations of three-coordinate gold(I) and silver(I) complexes with the potentially tetradentate ligand tris(2-(diphenylphosphino)ethyl)amine (NP3): $[\text{Au}_2(\text{NP}_3)_2](\text{BPh}_4)_2$ , $\text{Au}(\text{NP}_3)\text{PF}_6$ , $\text{Au}(\text{NP}_3)\text{NO}_3$ , $\text{Ag}(\text{NP}_3)\text{NO}_3$ , and $\text{Ag}(\text{NP}_3)\text{PF}_6$ . The Au(I) compounds are luminescent. <i>Inorganic Chemistry</i> , 1993, 32, 5800-5807.	4.0	43
244	Self assembly of isostructural copper(I)-silver(I) butterfly clusters with 2-mercaptothiazoline; syntheses and structures of $(\text{PPh}_3)_2\text{Cu}_4(\text{C}_3\text{H}_4\text{NS}_2)_4$ , $[(\text{C}_5\text{H}_5\text{N})\text{Cu}_4(\text{C}_3\text{H}_4\text{NS}_2)_4]_n$ , $(\text{PPh}_3)_2\text{Ag}_4(\text{C}_3\text{H}_4\text{NS}_2)_4$ and $(\text{PPh}_3)_2\text{Ag}_2\text{Cu}_2(\text{C}_3\text{H}_4\text{NS}_2)_4$ . <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 146-148.	2.0	49
245	Luminescent mononuclear gold(I) phosphines. <i>Inorganic Chemistry</i> , 1992, 31, 3236-3238.	4.0	120
246	The structure and characterization of isomeric cobalt(II) diphenylphosphinate polymers. <i>Polyhedron</i> , 1992, 11, 2427-2430.	2.2	19
247	Electrochemical reduction of platinum(II) complexes containing bidentate tertiary phosphine ligands: evidence for the generation of non-linear two-coordinate complexes. <i>Polyhedron</i> , 1991, 10, 899-908.	2.2	3
248	$\text{C}\hat{\text{I}}-\text{X}$ and $\text{C}\hat{\text{I}}-\text{H}$ cleavage by electrochemically generated non-linear $[\text{PtL}_2]$ complexes. <i>Polyhedron</i> , 1991, 10, 909-917.	2.2	16
249	Electrochemical interconversion of Pt(II) and Pt(IV) tertiary phosphine complexes. <i>Inorganica Chimica Acta</i> , 1989, 163, 11-18.	2.4	8
250	pH-Controlled forms of 1-amino-1-hydrazino-2,2-dinitroethylene (HFOX): selective reactivity of amine and hydrazinyl groups with aldehydes or ketones. <i>Materials Advances</i> , 0, , .	5.4	1
251	Synthesis of Ester-Substituted Indolizines from 2-Propargyloxypyridines and 1,3-Dicarbonyls. <i>Journal of Organic Chemistry</i> , 0, , .	3.2	0