

# Alexandra M Z Slawin

## List of Publications by Citations

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43,228  
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L-index

#	Paper	IF	Citations
1290	Porous organic cages. <i>Nature Materials</i> , <b>2009</b> , 8, 973-8	27	789
1289	Cyclobis(paraquat-p-phenylene). A Tetracationic Multipurpose Receptor. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 1547-1550		432
1288	Metal-organic frameworks from edible natural products. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 8630-4	16.4	426
1287	Chiral induction in the ionothermal synthesis of a 3-D coordination polymer. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 4880-1	16.4	386
1286	Ethylene tetramerization: a new route to produce 1-octene in exceptionally high selectivities. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 14712-3	16.4	376
1285	A [2] Catenane Made to Order. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 1396-1399		317
1284	Continuous flow hydroformylation of alkenes in supercritical fluid-ionic liquid biphasic systems. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 15577-88	16.4	249
1283	A N-heterocyclic carbene gold hydroxide complex: a golden synthon. <i>Chemical Communications</i> , <b>2010</b> , 46, 2742-4	5.8	248
1282	Organocatalytic functionalization of carboxylic acids: isothiurea-catalyzed asymmetric intra- and intermolecular Michael addition--lactonizations. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 2714-20	16.4	222
1281	N-Heterocyclic carbene catalysed beta-lactam synthesis. <i>Organic and Biomolecular Chemistry</i> , <b>2008</b> , 6, 1108-13	3.9	221
1280	Catalytic "active-metal" template synthesis of [2]rotaxanes, [3]rotaxanes, and molecular shuttles, and some observations on the mechanism of the Cu(I)-catalyzed azide-alkyne 1,3-cycloaddition. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 11950-63	16.4	220
1279	Nanoporous carbohydrate metal-organic frameworks. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 406-17	16.4	208
1278	Electrochemically switchable hydrogen-bonded molecular shuttles. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 8644-54	16.4	208
1277	What can NMR spectroscopy of selenoureas and phosphinidenes teach us about the $\pi$ -accepting abilities of $\pi$ -heterocyclic carbenes?. <i>Chemical Science</i> , <b>2015</b> , 6, 1895-1904	9.4	201
1276	Ionothermal materials synthesis using unstable deep-eutectic solvents as template-delivery agents. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4962-6	16.4	201
1275	Patterning through controlled submolecular motion: rotaxane-based switches and logic gates that function in solution and polymer films. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 3062-7	16.4	199
1274	Solid-state transformations of zinc 1,4-benzenedicarboxylates mediated by hydrogen-bond-forming molecules. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 5168-75	4.8	189

1273	Glycylglycine Rotaxanes. The Hydrogen Bond Directed Assembly of Synthetic Peptide Rotaxanes. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 728-732		182
1272	[(NHC)CuX] complexes: synthesis, characterization and catalytic activities in reduction reactions and Click chemistry. On the advantage of using well-defined catalytic systems. <i>Dalton Transactions</i> , <b>2010</b> , 39, 7595-606	4.3	181
1271	Stiff, and sticky in the right places: the dramatic influence of preorganizing guest binding sites on the hydrogen bond-directed assembly of rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2001</b> , 123, 5983-9	16.4	175
1270	Straightforward synthesis of [Au(NHC)X] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <i>Chemical Communications</i> , <b>2013</b> , 49, 5541-3	5.8	172
1269	A Highly Active Manganese Catalyst for Enantioselective Ketone and Ester Hydrogenation. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 5825-5828	16.4	165
1268	A chemically-driven molecular information ratchet. <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 1836-8	16.4	161
1267	Advanced Model Compounds for Understanding Acid-Catalyzed Lignin Depolymerization: Identification of Renewable Aromatics and a Lignin-Derived Solvent. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8900-11	16.4	160
1266	Luminescent, enantiopure, phenylatopyridine iridium-based coordination capsules. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 19334-7	16.4	159
1265	Highly stable tetrathiafulvalene radical dimers in [3]catenanes. <i>Nature Chemistry</i> , <b>2010</b> , 2, 870-9	17.6	159
1264	Development of versatile and silver-free protocols for gold(I) catalysis. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 13729-40	4.8	158
1263	Synthesis, Structure and Properties of Related Microporous N,N'-Piperazinebismethylenephosphonates of Aluminum and Titanium. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 1451-1457	9.6	154
1262	Synthesis, characterisation and adsorption properties of microporous scandium carboxylates with rigid and flexible frameworks. <i>Microporous and Mesoporous Materials</i> , <b>2011</b> , 142, 322-333	5.3	148
1261	Alkali metal crystalline polymer electrolytes. <i>Nature Materials</i> , <b>2009</b> , 8, 580-4	27	144
1260	[Pd(IPr*)(cinnamyl)Cl]: an efficient pre-catalyst for the preparation of tetra-ortho-substituted biaryls by Suzuki-Miyaura cross-coupling. <i>Chemistry - A European Journal</i> , <b>2012</b> , 18, 4517-21	4.8	142
1259	A radically configurable six-state compound. <i>Science</i> , <b>2013</b> , 339, 429-33	33.3	140
1258	Molecular Belts and Collars in the Making: A Hexaepoxyoctacosahydro[12]cyclacene Derivative. <i>Angewandte Chemie International Edition in English</i> , <b>1987</b> , 26, 892-894		140
1257	Homogeneous catalytic hydrogenation of amides to amines. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11039-50	4.8	137
1256	Dihydropyridones: catalytic asymmetric synthesis, N- to C-sulfonyl transfer, and derivatizations. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 3653-7	16.4	136

1255	Bis(bidentate) complexes of iminobis(diphenylphosphine chalcogenides)[M{N(XPPh <sub>2</sub> ) <sub>2</sub> -X,X?} <sub>2</sub> ](X = S or Se; M = Ni, Pd or Pt). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1995</b> , 1607-1613		136
1254	Protecting group and switchable pore-discriminating adsorption properties of a hydrophilic-hydrophobic metal-organic framework. <i>Nature Chemistry</i> , <b>2011</b> , 3, 304-10	17.6	131
1253	[Pd(IPr*OMe)(acac)Cl]: Tuning the N-Heterocyclic Carbene in Catalytic C-N Bond Formation. <i>Organometallics</i> , <b>2013</b> , 32, 330-339	3.8	130
1252	Toward Controllable Molecular Shuttles. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 1113-1135	4.8	129
1251	Ionothermal synthesis of unusual choline-templated cobalt aluminophosphates. <i>Angewandte Chemie - International Edition</i> , <b>2007</b> , 46, 7839-43	16.4	125
1250	Dispirofluorene-indenofluorene derivatives as new building blocks for blue organic electroluminescent devices and electroactive polymers. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 10055-10069	4.8	124
1249	An ionothermally prepared S <sub>2</sub> C <sub>11</sub> /2 vanadium oxyfluoride kagome lattice. <i>Nature Chemistry</i> , <b>2011</b> , 3, 801-807	6.6	122
1248	Towards the Making of [12]Collarene. <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 966-969		122
1247	Synthetic and Structural Studies of [AuCl <sub>3</sub> (NHC)] Complexes. <i>Organometallics</i> , <b>2010</b> , 29, 394-402	3.8	121
1246	Isostructural, Alternately-Charged Receptor Stacks. The Inclusion Complexes of Hydroquinone and Catechol Dimethyl Ethers with Cyclobis(paraquat-p-phenylene). <i>Angewandte Chemie International Edition in English</i> , <b>1988</b> , 27, 1550-1553		121
1245	Anhydrides as $\beta,\gamma$ -unsaturated acyl ammonium precursors: isothiurea-promoted catalytic asymmetric annulation processes. <i>Chemical Science</i> , <b>2013</b> , 4, 2193	9.4	119
1244	[Pd(IPr*)(3-Cl-pyridinyl)Cl <sub>2</sub> ]: A Novel and Efficient PEPPSI Precatalyst. <i>Organometallics</i> , <b>2012</b> , 31, 6947-6951	3.8	115
1243	Ein [2]-Catenan auf Bestellung. <i>Angewandte Chemie</i> , <b>1989</b> , 101, 1404-1408	3.6	115
1242	Hydrogenation of Aldehydes, Esters, Imines, and Ketones Catalyzed by a Ruthenium Complex of a Chiral Tridentate Ligand. <i>Organometallics</i> , <b>2007</b> , 26, 16-19	3.8	114
1241	An unusual nickel-copper-mediated alkyne homocoupling reaction for the active-template synthesis of [2]rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 6243-8	16.4	113
1240	Selecting topology and connectivity through metal-directed macrocyclization reactions: a square planar palladium [2]catenate and two noninterlocked isomers. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 12612-9	16.4	113
1239	Ethylene Tetramerization with Cationic Chromium(II) Complexes. <i>Organometallics</i> , <b>2007</b> , 26, 2782-2787	3.8	112
1238	A new synthesis of (PhPSe <sub>2</sub> ) <sub>2</sub> (Woollins reagent) and its use in the synthesis of novel P-Se heterocycles. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 6221-7	4.8	111

1237	The preparation and coordination chemistry of $iPr_2P(E)NHP(E')iPr_2$ ( $E, E'=Se; E=Se, E'=S; E=S, E'=O; E, E'=O$ ). <i>Inorganica Chimica Acta</i> , <b>1999</b> , 290, 1-7	2.7	111
1236	Simple and versatile synthesis of copper and silver N-heterocyclic carbene complexes in water or organic solvents. <i>Dalton Transactions</i> , <b>2010</b> , 39, 4489-91	4.3	110
1235	Novel cambinol analogs as sirtuin inhibitors: synthesis, biological evaluation, and rationalization of activity. <i>Journal of Medicinal Chemistry</i> , <b>2009</b> , 52, 2673-82	8.3	109
1234	New pyridine carboxamide ligands and their complexation to copper(II). X-Ray crystal structures of mono-, di, tri- and tetranuclear copper complexes. <i>Dalton Transactions</i> , <b>2004</b> , 862-71	4.3	109
1233	Crystallisation of H3BTC, H3TPO or H2SDA with MII ( $M = Co, Mn$ or $Zn$ ) and 2,2'-bipyridyl: design and control of co-ordination architecture, and magnetic properties (H3BTC = benzene-1,3,5-tricarboxylic acid, H3TPO = tris(4-carboxylphenyl)phosphine oxide, H2SDA = cis-stilbene-4,4'-dicarboxylic acid) <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1999</b> , 4209-4216		108
1232	An isothiourea-catalyzed asymmetric [2,3]-rearrangement of allylic ammonium ylides. <i>Journal of the American Chemical Society</i> , <b>2014</b> , 136, 4476-9	16.4	107
1231	Gold(I)-mediated C-H activation of arenes. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 5580-1	16.4	107
1230	Cocatalyst Influence in Selective Oligomerization: Effect on Activity, Catalyst Stability, and 1-Hexene/1-Octene Selectivity in the Ethylene Trimerization and Tetramerization Reaction. <i>Organometallics</i> , <b>2007</b> , 26, 2561-2569	3.8	106
1229	The observation of a large gauche preference when 2-fluoroethylamine and 2-fluoroethanol become protonated. <i>Organic and Biomolecular Chemistry</i> , <b>2004</b> , 2, 732-40	3.9	106
1228	$[Au(IPr)_2(OH)]X$ complexes: synthetic, structural and catalytic studies. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1238-46	4.8	103
1227	Cyclobis(paraquat-p-phenylene), ein tetrakationischer Mehrzweckrezeptor. <i>Angewandte Chemie</i> , <b>1988</b> , 100, 1605-1608	3.6	103
1226	UV promoted phenanthridine syntheses from oxime carbonate derived iminyl radicals. <i>Chemical Communications</i> , <b>2011</b> , 47, 7974-6	5.8	101
1225	An ion-pair template for rotaxane formation and its exploitation in an orthogonal interaction anion-switchable molecular shuttle. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8036-9	16.4	101
1224	High-Efficiency Deep-Blue-Emitting Organic Light-Emitting Diodes Based on Iridium(III) Carbene Complexes. <i>Advanced Materials</i> , <b>2018</b> , 30, e1804231	24	101
1223	. <i>Tetrahedron</i> , <b>1987</b> , 43, 2805-2815	2.4	100
1222	A Versatile Cuprous Synthon: $[Cu(IPr)(OH)]$ ( $IPr = 1,3$ bis(diisopropylphenyl)imidazol-2-ylidene). <i>Organometallics</i> , <b>2010</b> , 29, 3966-3972	3.8	99
1221	Switching "on" and "off" the expression of chirality in peptide rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2002</b> , 124, 2939-50	16.4	99
1220	Catenane Chameleons: Environment-Sensitive Translational Isomerism in Amphiphilic Benzylic Amide [2]Catenanes. <i>Angewandte Chemie International Edition in English</i> , <b>1996</b> , 35, 306-310		99

1219	Isothiurea-mediated asymmetric Michael-lactonisation of trifluoromethylenones: a synthetic and mechanistic study. <i>Chemical Science</i> , <b>2013</b> , 4, 4146	9.4	97
1218	Preparation and Single-Crystal Characterization of (i)()Pr(2)P(S)NHP(S)(i)()Pr(2) and Homoleptic [(i)()Pr(2)P(S)NP(S)(i)()Pr(2)](-) Complexes of Zinc, Cadmium, and Nickel. <i>Inorganic Chemistry</i> , <b>1996</b> , 35, 2695-2697	5.1	97
1217	Ethylene Trimerization with CrPNP and CrBNS Complexes: Effect of Ligand Structure, Metal Oxidation State, and Role of Activator on Catalysis. <i>Organometallics</i> , <b>2006</b> , 25, 3605-3610	3.8	96
1216	Complexation-induced translational isomerism: shuttling through stepwise competitive binding. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 45, 77-83	16.4	95
1215	All-cis 1,2,3,4,5,6-hexafluorocyclohexane is a facially polarized cyclohexane. <i>Nature Chemistry</i> , <b>2015</b> , 7, 483-8	17.6	94
1214	Large yet flexible N-heterocyclic carbene ligands for palladium catalysis. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 17358-68	4.8	94
1213	Isothiurea-mediated one-pot synthesis of functionalized pyridines. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 11642-6	16.4	93
1212	Metal-organic frameworks incorporating copper-complexed rotaxanes. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 2160-3	16.4	92
1211	A general synthetic route to [Cu(X)(NHC)] (NHC = N-heterocyclic carbene, X = Cl, Br, I) complexes. <i>Chemical Communications</i> , <b>2013</b> , 49, 10483-5	5.8	92
1210	Total synthesis of the anthelmintic macrolide avermectin B1a. <i>Journal of the Chemical Society Perkin Transactions 1</i> , <b>1991</b> , 667-692		92
1209	A Polymolecular Donor-Acceptor Stack Made of Paraquat and a 1, 5-Dihydroxynaphthalene-Derived Crown Ether. <i>Angewandte Chemie International Edition in English</i> , <b>1989</b> , 28, 1394-1395		91
1208	A switchable palladium-complexed molecular shuttle and its metastable positional isomers. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 15085-90	16.4	90
1207	The synthesis and X-ray structure of the first cobalt carbonyl-NHC dimer. implications for the use of NHCs in hydroformylation catalysis. <i>Inorganic Chemistry</i> , <b>2004</b> , 43, 2468-70	5.1	90
1206	The activation mechanism of Ru-indenylidene complexes in olefin metathesis. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 7073-9	16.4	88
1205	Stimuli-responsive reversible assembly of 2D and 3D metallosupramolecular architectures. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 16398-400	16.4	88
1204	A novel structural form of MIL-53 observed for the scandium analogue and its response to temperature variation and CO2 adsorption. <i>Dalton Transactions</i> , <b>2012</b> , 41, 3937-41	4.3	87
1203	AAA-DDD triple hydrogen bond complexes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 14116-22	16.4	87
1202	Bridge cleavage reactions of late transition-metal dimers with [Ph <sub>2</sub> P(E)NP(E')Ph <sub>2</sub> ][E = E' = S or Se; E = O or S, E' = S or Se). <i>Journal of the Chemical Society Dalton Transactions</i> , <b>1998</b> , 2467-2476		86



1201	Controlled submolecular translational motion in synthesis: a mechanically interlocking auxiliary. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 3260-4	16.4	86
1200	Syntheses, X-ray crystal structures, DNA binding, oxidative cleavage activities and antimicrobial studies of two Cu(II) hydrazone complexes. <i>Polyhedron</i> , <b>2009</b> , 28, 2785-2793	2.7	85
1199	Getting harder: cobalt(III)-template synthesis of catenanes and rotaxanes. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 3762-71	16.4	85
1198	Self-Assembling [2]Pseudorotaxanes. <i>Angewandte Chemie International Edition in English</i> , <b>1991</b> , 30, 1036-1039		85
1197	Self-Assembling [3]Catenanes. <i>Angewandte Chemie International Edition in English</i> , <b>1991</b> , 30, 1039-1042		85
1196	Improving Processability and Efficiency of Resonant TADF Emitters: A Design Strategy. <i>Advanced Optical Materials</i> , <b>2020</b> , 8, 1901627	8.1	85
1195	Smart Rotaxanes: Shape Memory and Control in Tertiary Amide Peptido[2]rotaxanes. <i>Journal of the American Chemical Society</i> , <b>1999</b> , 121, 4124-4129	16.4	84
1194	Methoxy-Functionalized N-Heterocyclic Carbenes. <i>Organometallics</i> , <b>2014</b> , 33, 2048-2058	3.8	83
1193	Ionothermal synthesis of zirconium phosphates and their catalytic behavior in the selective oxidation of cyclohexane. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 2206-9	16.4	82
1192	Highly enantioselective hydroxycarbonylation and alkoxycarbonylation of alkenes using dipalladium complexes as precatalysts. <i>Angewandte Chemie - International Edition</i> , <b>2010</b> , 49, 9197-200	16.4	82
1191	Influence of a Very Bulky N-Heterocyclic Carbene in Gold-Mediated Catalysis. <i>Organometallics</i> , <b>2011</b> , 30, 5463-5470	3.8	81
1190	Influence of the structure of polyfluorinated alcohols on Brønsted acidity/hydrogen-bond donor ability and consequences on the promoter effect. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 1126-33	4.2	81
1189	The co-ordination chemistry of 2-(diphenylphosphinoamino)pyridine. <i>Dalton Transactions RSC</i> , <b>2000</b> , 2559-2575		81
1188	The isolation of [Pd{OC(O)H}(H)(NHC)(PR <sub>3</sub> )] (NHC = N-heterocyclic carbene) and its role in alkene and alkyne reductions using formic acid. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 4588-91	16.4	80
1187	Straightforward synthetic access to gem-diaurated and digold diaacetylide species. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 938-42	16.4	80
1186	Decarboxylation of aromatic carboxylic acids by gold(I)-N-heterocyclic carbene (NHC) complexes. <i>Chemical Communications</i> , <b>2011</b> , 47, 5455-7	5.8	80
1185	Mixed Phosphite/N-Heterocyclic Carbene Complexes: Synthesis, Characterization and Catalytic Studies. <i>Organometallics</i> , <b>2010</b> , 29, 1443-1450	3.8	80
1184	Cyclodextrins as Second Sphere Ligands for Transition Metal Complexes: The X-Ray Crystal Structure of [Rh(cod)(NH <sub>3</sub> ) <sub>2</sub> ⊂-cyclodextrin][PF <sub>6</sub> ] <sub>2</sub> ·H <sub>2</sub> O. <i>Angewandte Chemie International Edition in English</i> , <b>1985</b> , 24, 786-787		80

- 1183 Enhanced Activity of [Ni(NHC)CpCl] Complexes in Arylamination Catalysis. *Organometallics*, **2013**, 32, 6265-6270 3.8 79
- 1182 Catalytic asymmetric  $\beta$ -amination of carboxylic acids using isothioureas. *Chemical Science*, **2012**, 3, 2088 9.4 79
- 1181 Influence of the difluoromethylene group (CF<sub>2</sub>) on the conformation and properties of selected organic compounds. *Pure and Applied Chemistry*, **2012**, 84, 1587-1595 2.1 79
- 1180 Metathesis of renewable unsaturated fatty acid esters catalysed by a phoban-indenylidene ruthenium catalyst. *Journal of Organometallic Chemistry*, **2006**, 691, 5513-5516 2.3 79
- 1179 Chitosan Immobilization on Bio-MOF Nanostructures: A Biocompatible pH-Responsive Nanocarrier for Doxorubicin Release on MCF-7 Cell Lines of Human Breast Cancer. *Inorganic Chemistry*, **2018**, 57, 13364-13379 5.1 79
- 1178 Isothiourea-mediated one-pot synthesis of trifluoromethyl substituted 2-pyrones. *Organic Letters*, **2014**, 16, 964-7 6.2 78
- 1177 Automated chemical crystallography. *Journal of the American Chemical Society*, **2010**, 132, 5799-802 16.4 78
- 1176 An electrostatic gauche effect in beta-fluoro- and beta-hydroxy-N-ethylpyridinium cations. *Angewandte Chemie - International Edition*, **2007**, 46, 5904-8 16.4 78
- 1175 Gf̈tel- und Kragenmolek̈le: Ein Hexaepoxyoctacosahydro[12]cyclacen. *Angewandte Chemie*, **1987**, 99, 941-943 3.6 78
- 1174 A C=O???Isothiouronium Interaction Dictates Enantiodiscrimination in Acylative Kinetic Resolutions of Tertiary Heterocyclic Alcohols. *Angewandte Chemie - International Edition*, **2018**, 57, 3200-3206 16.4 77
- 1173 Tandem Palladium and Isothiourea Relay Catalysis: Enantioselective Synthesis of  $\beta$ -Amino Acid Derivatives via Allylic Amination and [2,3]-Sigmatropic Rearrangement. *Journal of the American Chemical Society*, **2017**, 139, 11895-11902 16.4 77
- 1172 Two axles threaded using a single template site: active metal template macrobicyclic [3]rotaxanes. *Journal of the American Chemical Society*, **2010**, 132, 315-20 16.4 77
- 1171 Mixed N-heterocyclic carbene/phosphite ruthenium complexes: towards a new generation of olefin metathesis catalysts. *Chemical Communications*, **2010**, 46, 7115-7 5.8 77
- 1170 Ionothermal Materials Synthesis Using Unstable Deep-Eutectic Solvents as Template-Delivery Agents. *Angewandte Chemie*, **2006**, 118, 5084-5088 3.6 77
- 1169 Ethylene Tri- and Tetramerization with Borate Cocatalysts: Effects on Activity, Selectivity, and Catalyst Degradation Pathways. *Organometallics*, **2007**, 26, 1108-1111 3.8 76
- 1168 Naphthalene-1,8-diyl bis(halogenophosphanes): novel syntheses and structures of useful synthetic building blocks. *Chemistry - A European Journal*, **2003**, 9, 215-22 4.8 76
- 1167 P=N bond formation as a route to highly electron rich phosphine ligands. *Chemical Communications*, **2000**, 2065-2066 5.8 76
- 1166 A highly convergent total synthesis of the spiroacetal macrolide (+)-milbemycin $\beta$ . *Tetrahedron*, **1989**, 45, 7161-7194 2.4 76



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1136	Synthesis and structure of stereoisomeric multivincinal hexafluoroalkanes. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 5457-60	16.4	63
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96	The X-Ray Structure of 5-Chlorosalicylaldehyde. <i>Journal of Chemical Crystallography</i> , <b>2013</b> , 43, 65-69	0.5	1
95	Di- $\kappa$ -chlorido-bis-[chlorido(dimethoxy-phenyl-phosphine)palladium(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2010</b> , 66, m499		1
94	The preparation and X-ray structure of heptasulfurimidostearate. <i>Inorganic Chemistry Communication</i> , <b>2009</b> , 12, 804-805	3.1	1
93	Phen-yl(2,4,5-triphenyl-cyclo-penta-1,4-dien-1-yl)methanone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1718		1
92	2-Phenyl-5-(p-tol-yl)-1,3,4-oxadiazole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1757		1
91	Bis(furan-2-ylcarbon-yl) diselenide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1586		1
90	2-(4-Fluoro-phen-yl)-3-methyl-1H-indole. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1606		1
89	(E)-1-(2,5-Dichloro-thio-phen-3-yl)ethan-one [8-(trifluoro-meth-yl)quinolin-4-yl]hydrazone. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o790		1
88	cis-Dichloridobis(methoxydiphenylphosphino)platinum(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2007</b> , 63, m2018-m2018		1
87	(1 $\beta$ -Cyclopentadienyl)( $\mu$ -disulfur dinitrido)(triphenylphosphino-2 $\beta$ )cobalt(II)gold(I) perchlorate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, m1658-m1659		1
86	SYNTHESIS OF TITANOCENE COMPLEXES USING POLYAROMATIC LIGANDS CONTAINING A DISULFIDE BRIDGE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , <b>2004</b> , 179, 987-988	1	1



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81	Synthesis of Indoloquinolines: An Intramolecular Cyclization Leading to Advanced Perophoramidine-Relevant Intermediates. <i>Molecules</i> , <b>2021</b> , 26,	4.8	1
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79	Syntheses and structures of piperazin-1-ium Br (= Cs or Rb): hybrid solids containing 'curtain wall' layers of face- and edge-sharing Br trigonal prisms. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 1249-1252	0.7	1
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76	2,4,6-Trimethylbenzyl Chloride (2-Chloroisodurene). <i>MolBank</i> , <b>2020</b> , 2020, M1156	0.5	1
75	Preventing Undesirable Structure Flexibility in Pyromellitate Metal Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , <b>2020</b> , 2020, 2537-2544	2.3	1
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71	Tin(IV) Complexes with Salen Type Schiff base: Synthesis, Spectroscopic Characterization, Crystal Structure, Antibacterial Screening and Cytotoxicity. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , <b>2019</b> , 45, 889-898	1.6	1
70	Unexpected $\pi$ , $\pi'$ -difluoroethers from Ag(I)F and N-bromosuccinimide reactions of dibenzo[a,e]cyclooctatetraene. <i>Chemical Communications</i> , <b>2019</b> , 55, 14295-14298	5.8	1
69	Mechanistic insights of anionic ligand exchange and fullerene reduction with magnesium(I) compounds. <i>Dalton Transactions</i> , <b>2019</b> , 48, 16936-16942	4.3	1
68	Formal synthesis of (+)-lactacystin from L-serine. <i>RSC Advances</i> , <b>2019</b> , 9, 30019-30032	3.7	1

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65	20-1: Invited Paper: Towards Deep-Blue Materials with Efficient Triplet Harvesting. <i>Digest of Technical Papers SID International Symposium</i> , <b>2018</b> , 49, 239-242	0.5	1
64	A Luminescent 1D Silver Polymer Containing [2.2]Paracyclophane Ligands. <i>Frontiers in Chemistry</i> , <b>2021</b> , 9, 728845	5	1
63	Isothiourea-Catalyzed Synthesis of Pyrrole- and Indole-Functionalized Tetrasubstituted Pyridines. <i>ChemCatChem</i> , <b>2020</b> , 12, 4522-4525	5.2	0
62	Site-Specific Iron Substitution in STA-28, a Large Pore Aluminophosphate Zeotype Prepared by Using 1,10-Phenanthrolines as Framework-Bound Templates. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 15298-15302	3.6	0
61	NHC-catalyzed enantioselective synthesis of $\alpha$ -trifluoromethyl- $\beta$ -hydroxyamides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2020</b> , 16, 1572-1578	2.5	0
60	A Simplified Extractive Metallurgy Exercise to Demonstrate Selective Extraction of Copper. <i>Journal of Chemical Education</i> , <b>2020</b> , 97, 1203-1207	2.4	0
59	Novel reaction of 3,4-dibromofuran with azo diesters to give tetrahydropyridazinones. <i>RSC Advances</i> , <b>2016</b> , 6, 22969-22972	3.7	0
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57	2-Iodobenzenesulfonyl chloride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2006</b> , 62, o744-o745	0	0
56	Die erste Reaktion mit $\text{S}_5\text{N}_6$ ; Struktur eines Komplexes mit einem $\text{S}_2\text{N}$ -Liganden. <i>Angewandte Chemie</i> , <b>1992</b> , 104, 620-622	3.6	0
55	11,28-Bis(chloroacetyl)-6,7,9,10,12,13,15,16,23,24,26,27,29,30,32,33-hexadecahydrodibenzo[b,q][1,4,7,10,16,19,22,25,31,34]nonadeca-2,4,6,8,10,12,14,16,18,20,22,24,26,28,30,32,34-tetraene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 1464-1467	0	0
54	2,5,11,14,19,22,28,31-Octaoxa-8,25-diazatricyclo[30.2.2.1 <sup>5,8</sup> ]octatriaconta-15,17,32,34(1),35,37-hexaene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , <b>1990</b> , 46, 1468-1470	0	0
53	Simple and Inexpensive Method for the Detection of Carbon Monoxide Released from Thermal Cheletropic Decarbonylation Reactions. <i>Journal of Chemical Education</i> ,	2.4	0
52	Hydrogen-bonded mol-ecular salts of reduced benzo-thia-zole derivatives with carboxyl-ates: a robust (8) supra-molecular motif (even when disordered). <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 167-174	0.7	0
51	Homopiperazine (Hexahydro-1,4-diazepine). <i>MolBank</i> , <b>2021</b> , 2021, M1200	0.5	0
50	Enantioselective Synthesis of $\beta$ -Aryl- $\beta$ -Amino-Esters by Cooperative Isothiourea and Brønsted Acid Catalysis. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 11999-12007	3.6	0

49	Synthesis of Palladium complexes derived from Amido linked N-Heterocyclic Carbenes and their use in Suzuki cross coupling reactions. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , <b>2021</b> , 647, 1334-1341	1.3	o
48	Substitution Effects on a New Pyridylbenzimidazole Acceptor for Thermally Activated Delayed Fluorescence and Their Use in Organic Light-Emitting Diodes. <i>Advanced Optical Materials</i> , 2100846	8.1	o
47	Janus All-Cis 2,3,4,5,6-Pentafluorocyclohexyl Building Blocks Applied to Medicinal Chemistry and Bioactives Discovery Chemistry. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 16000-16005	4.8	o
46	Isothiourea-Catalyzed Enantioselective Michael Addition of Malonates to $\alpha,\beta$ -Unsaturated Aryl Esters. <i>Organic Letters</i> ,	6.2	o
45	NMR studies of platinum bisphosphine complexes of phenylphosphonamidodiselenoate. <i>Polyhedron</i> , <b>2016</b> , 103, 267-274	2.7	
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42	A Trinuclear Crystallochromic Cd(II) Complex with Zwitterionic Coordination Terminals: Network of Metalorganic Motifs Through $C\equiv N$ and Charge Promoted $N\equiv N$ Associations in Solid State. <i>Journal of Chemical Crystallography</i> , <b>2014</b> , 44, 177-184	0.5	
41	Isolatable Organophosphorus(III) Tellurium Heterocycles. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 616-618	4.8	
40	Stereo- and Regioselective Phyllobilane Oxidation in Leaf Homogenates of the Peace Lily ( <i>Spathiphyllum wallisii</i> ): Hypothetical Endogenous Path to Yellow Chlorophyll Catabolites. <i>Chemistry - A European Journal</i> , <b>2014</b> , 21, 3506	4.8	
39	Crystal structure of 2-phenyl-2,4,3-ditellura-tetra-cyclo-[5.5.2.0(4,13).0(10,14)]tetra-deca-1(12),4,6,10,13-pentaen-2-ylum tri-fluoro-methane-sulfonate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2014</b> , 70, o1003-4		
38	2,4,5-Triphenyl-1,3,2-dioxa-phospho-lan-2-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, o1790		
37	trans-Dibromidobis(triphenyl-phosphane)platinum(II) chloro-form monosolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2011</b> , 67, m722		
36	1-[Amino-(4-chloro-phen-yl)meth-yl]-6-bromo-naphthalen-2-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2012</b> , 68, o535		
35	1-(3-Phenyl-prop-yl)urea. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2556		
34	Bis(phenyl-phospho-nic) anhydride. <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2009</b> , 65, o2647		
33	Titelbild: Metal-Organic Frameworks from Edible Natural Products (Angew. Chem. 46/2010). <i>Angewandte Chemie</i> , <b>2010</b> , 122, 8715-8715	3.6	
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