

# MãjtyÃjs Czugler

## List of Publications by Year in descending order

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62  
papers

1,122  
citations

394421

19  
h-index

434195

31  
g-index

65  
all docs

65  
docs citations

65  
times ranked

789  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel clathrate design: selective inclusion of uncharged molecules via the binaphthyl hinge and appended coordinating groups. X-ray crystal structures and binding modes of 1,1'-binaphthyl-2,2'-dicarboxylic acid host/hydroxylic guest inclusions. <i>Journal of the American Chemical Society</i> , 1984, 106, 3297-3306.	13.7	127
2	Functional group assisted clathrate formation – Scissor-like and roof-shaped host molecules. <i>Topics in Current Chemistry</i> , 1988, , 45-135.	4.0	61
3	New Functional Hexahelicenes – Synthesis, Chiroptical Properties, X-ray Crystal Structures, and Comparative Data Bank Analysis of Hexahelicenes. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 2863-2876.	2.4	54
4	N-Benzyl and N-aryl bis(phospha-Mannich adducts): Synthesis and catalytic activity of the related bidentate chelate platinum complexes in hydroformylation. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 75-82.	1.8	50
5	Resolution of P-stereogenic P-heterocycles via the formation of diastereomeric molecular and coordination complexes (a review). <i>Dalton Transactions</i> , 2016, 45, 1823-1842.	3.3	46
6	Synthesis and Utilization of the Bis( > P(O)CH <sub>2</sub> )amine Derivatives Obtained by the Double Kabachnik&#x2013;Fields Reaction with Cyclohexylamine; Quantum Chemical and X-Ray Study of the Related Bidentate Chelate Platinum Complexes. <i>Current Organic Chemistry</i> , 2012, 16, 547-554.	1.6	43
7	Resolution of 1-substituted-3-methyl-3-phospholene 1-oxides by molecular complex formation with TADDOL derivatives. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 2965-2972.	1.8	39
8	Crystal and molecular structure of a 2,6-tetradeca-O-methyl-β-cyclodextrin&#x2013;adamantanol 1 : 1 inclusion complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 1291-1292.	2.0	38
9	Synthesis and use of ±-aminophosphine oxides and N,N-bis(phosphinoylmethyl)amines – A study on the related ring platinum complexes. <i>Journal of Organometallic Chemistry</i> , 2016, 801, 111-121.	1.8	38
10	Resolution of 3-methyl-3-phospholene 1-oxides by molecular complex formation with TADDOL derivatives. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 2599-2602.	1.8	37
11	The synthesis of ±-aryl±-aminophosphonates and ±-aryl±-aminophosphine oxides by the microwave-assisted Pudovik reaction. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 76-86.	2.2	36
12	Coordinative resolution of 1-phenyl- and 1-naphthyl-3-methyl-3-phospholene 1-oxides with calcium hydrogen O,O&#x2013;dibenzoyl-(2R,3R)-tartrate or calcium hydrogen O,O&#x2013;di-p-toluyyl-(2R,3R)-tartrate. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 1973-1977.	1.8	29
13	A Classical Example of a Disappearing Polymorph and the Shortest Intermolecular H&#x2013;...&#x2013;H Separation Ever Found in an Organic Crystal Structure. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 1957-1960.	13.8	28
14	Selective Inclusion and Separation of Isomeric and Homologous Hydrocarbons by Hydrocarbon Host Lattices. <i>Angewandte Chemie International Edition in English</i> , 1986, 25, 746-748.	4.4	27
15	Synthesis and utilization of optically active ±-aminophosphonate derivatives by Kabachnik&#x2013;Fields reaction. <i>Tetrahedron</i> , 2017, 73, 5659-5667.	1.9	24
16	Solid-state binding of dimethyl sulphoxide involving carboxylic host molecules. X-ray crystal structures of four inclusion species. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1990, 8, 275-287.	1.6	23
17	Co-ordination-assisted inclusion of neutral molecules by the racemic 9,9&#x2013;spirobifluorene-2,2&#x2013;dicarboxylic acid host lattice. X-Ray crystal structure of the dimethylformamide clathrate at 170 K. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 154-155.	2.0	22
18	Unusual co-ordination in the crystal structure of the 1:2 complex of 18,18&#x2013;spirobi-(19-crown-6) with lithium iodide dihydrate. <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 472-473.	2.0	20

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19	Crystal structure of cyclo(Gly-L-Pro-L-Pro-Gly-L-Pro-L-Pro) trihydrate. Unusual conformational characteristics of a cyclic hexapeptide. <i>Journal of the American Chemical Society</i> , 1982, 104, 4465-4469.	13.7	19
20	Supramolecular[6]Chochin and MacMade from Chiral Piedfort Assemblies. <i>Chemistry - A European Journal</i> , 2003, 9, 3741-3747.	3.3	19
21	Formation of isolated guest dimers vs. host-guest coordination. X-Ray crystal structures of four carboxylic acid inclusion compounds formed by roof-shaped and scissor-like host molecules. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1990, 8, 309-322.	1.6	18
22	The chemical-transformation products of 1,6-dibromo-1,6-dideoxygalactitol and 1,2:5,6-dianhydrogalactitol in aqueous solution. <i>Carbohydrate Research</i> , 1982, 111, 41-57.	2.3	16
23	Weak C-H...O interactions and their role in simple amine crystal structures. <i>CrystEngComm</i> , 2004, 6, 494-503.	2.6	16
24	Clathrate Engineering of Piedfort Hosts. Crystal Structures and Molecular Modeling of the para-mono- and meta-di-methyl-t-butyl Substituted Derivatives of 2,4,6-tris(alkylphenoxy)-1,3,5-triazine. <i>Supramolecular Chemistry</i> , 1999, 11, 151-167.	1.2	15
25	Resolution of n-Butylmethylphospholene 1-Oxide With TADDOL Derivatives and Calcium Salts of O,O'-dibenzoyl-(2R,3R)- or O,O'-di-p-toluoyl-(2R,3R)-tartaric Acid. <i>Chirality</i> , 2014, 26, 174-182.	2.6	14
26	Complexes of the functionalized crown ether 17-hydroxy-15-(1,2)-benzo-24-coronand-5%. X-ray crystal and molecular structure of the KSCN complex. <i>Inorganica Chimica Acta</i> , 1982, 61, 33-38.	2.4	13
27	Nitrogen bridgehead compounds part 21. Preparation of new quaternary 2,3a,6a-triazaphenalenium salts. <i>Tetrahedron Letters</i> , 1982, 23, 2891-2894.	1.4	13
28	Selective clathrate formation with the new host systems cis- and trans-9,10-dihydro-9,10-ethanoanthracene-11,12-dicarboxylic acid: inclusion properties and X-ray structure of an encapsulated acetic acid dimer. <i>Journal of the Chemical Society Chemical Communications</i> , 1984, , 1632.	2.0	13
29	Resolution of 1-n-propoxy-3-methyl-3-phospholene 1-oxide by diastereomeric complex formation using TADDOL derivatives and calcium salts of O,O'-dibenzoyl-(2R,3R)- or O,O'-di-p-toluoyl-(2R,3R)-tartaric acid. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 318-326.	1.8	13
30	Direct arylation of tetrazolo[1,5-a]pyridine and its benzenologues. <i>Monatshefte für Chemie</i> , 1985, 116, 1227-1231.	1.8	12
31	Revisiting the Phospanorbornene Family: New Alkyl Derivatives. <i>Heteroatom Chemistry</i> , 2015, 26, 335-347.	0.7	12
32	The resolution of acyclic stereogenic phosphine oxides via the formation of diastereomeric complexes: A case study on ethyl(2-methylphenyl)phenylphosphine oxide. <i>Chirality</i> , 2018, 30, 509-522.	2.6	12
33	A Case Study on the Resolution of the n-Butylmethylphospholene 1-Oxide via Diastereomeric Complex Formation Using TADDOL Derivatives and via Diastereomeric Coordination Complexes Formed from the Calcium Salts of O,O'-dibenzoyl-(2R,3R)- or O,O'-di-p-toluoyl-(2R,3R)-tartaric Acids. <i>Heteroatom Chemistry</i> , 2015, 26, 79-90.	0.7	11
34	A study on the optical resolution of 1-isopropyl-3-methyl-3-phospholene 1-oxide and its use in the synthesis of borane and platinum complexes. <i>Journal of Organometallic Chemistry</i> , 2015, 797, 140-152.	1.8	11
35	Double Layer Formation with a Surfactant-Type Crown Ether Complex: Crystal Structure of 15,15-Bis(dodecyloxymethyl)[16]crown-5-NaSCN. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 627-628.	4.4	10
36	Synthesis and structure of 1,5-dideoxy-1,5-dihalogeno- and 1,2:4,5-dianhydro-xylitol derivatives. <i>Carbohydrate Research</i> , 1983, 111, 215-223.	2.3	10

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37	Synthesis, Characterization, and Application of Platinum(II) Complexes Incorporating Racemic and Optically Active 4-Chloro-5-Methyl-1-Phenyl-1,2,3,6-Tetrahydrophosphinine Ligand. <i>Heteroatom Chemistry</i> , 2016, 27, 91-101.	0.7	10
38	Preorganized macrocyclic receptors featuring endo-carboxylic acid Groups. Host synthesis and inclusion compounds with alcohol and amine guests. <i>Journal für Praktische Chemie</i> , 1999, 341, 274-283.	0.2	8
39	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2002, 43, 239-246.	1.6	8
40	Doppelschichtbildung mit einem Tensidkronenether-Komplex: Kristallstruktur von 15,15-Bis(dodecyloxymethyl)[16]kronen-5- $\text{NaSCN}$ . <i>Angewandte Chemie</i> , 1982, 94, 641-642.	2.0	8
41	Microwave-assisted synthesis of $\hat{I}\pm$ -aminophosphonates with sterically demanding $\hat{I}\pm$ -aryl substituents. <i>Synthetic Communications</i> , 2020, 50, 1446-1455.	2.1	8
42	Synthesis and Crystalline Inclusion Behavior of New Dumb-Bell-Shaped Hosts. <i>Supramolecular Chemistry</i> , 2004, 16, 217-226.	1.2	7
43	Crystal structures of some substituted polyethers with two fold crystallographic and molecular symmetry. <i>Journal of Molecular Structure</i> , 1981, 75, 29-37.	3.6	6
44	Inclusion Compounds of $\hat{I}\pm$ -Truxillic Acid. X-Ray Crystal Structures of the Coordinatoclathrates with Methanol (1 : 2) and Dimethylacetamide (1 : 2). <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 2539-2543.	3.2	6
45	Extremely short intermolecular N(sp <sup>2</sup> ) $\hat{\cdot}$ Cl contact in the bis-2,4-(biphenyl-4-yloxy)-6-chloro-[1,3,5]triazine crystal. <i>CrystEngComm</i> , 2003, 5, 42-44.	2.6	6
46	Synthesis of novel 17-(5- $\hat{\epsilon}^2$ -iodo)triazolyl-3-methoxyestrane epimers via Cu(I)-catalyzed azide $\hat{\epsilon}$ alkyne cycloaddition, and an evaluation of their cytotoxic activity in vitro. <i>Steroids</i> , 2015, 98, 153-165.	1.8	6
47	An x-ray study of the ring inversion in 1,3,4,5-tetrahydro-5-phenyl-2-1,4-benzodiazepin-2-ones caused by carbamoylation. <i>Tetrahedron Letters</i> , 1977, 18, 917-920.	1.4	5
48	Small-Ring Inclusion Hosts. Development of a New Clathrate Family. <i>Molecular Crystals and Liquid Crystals Incorporating Nonlinear Optics</i> , 1990, 187, 165-174.	0.3	5
49	Synthesis and optical resolution of $\hat{1}\hat{\epsilon}\{(3\hat{\epsilon}\text{carboxy}\hat{\epsilon}1,1\hat{\epsilon}^2\hat{\epsilon}\text{biphenyl})\hat{\epsilon}2\hat{\epsilon}\text{yl}\}\hat{\epsilon}\langle i \rangle 1H \langle /i \rangle \hat{\epsilon}\text{pyrrole}\hat{\epsilon}2\hat{\epsilon}\text{carboxylic acid}$ , <i>Chirality</i> , 2009, 21, 905-910.	2.8	5
50	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2001-2004.	2.0	4
51	2-Arylideneferroceno[e]cyclohexanones and related 3-aryl-3,3a,4,5-tetrahydroferroceno[g]indazoles: Synthesis, NMR-, DFT- and X-ray analysis. <i>Journal of Organometallic Chemistry</i> , 2013, 726, 79-87.	1.8	4
52	Extremely short H $\hat{\cdot}$ $\hat{\cdot}$ H distances and intermolecular hydrogen-bonding patterns of dialkyl $\hat{I}\pm$ -aryl- $\hat{I}\pm$ -(diphenylmethylamino)methanephosphonates. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 469-477.	1.6	4
53	The crystal structures of $\hat{I}\pm$ and $\hat{I}^2$ dimorphs of 1,2:5,6-dianhydrogalactitol and 3,4-di-O-acetyl-1,2:5,6-dianhydrogalactitol. <i>Carbohydrate Research</i> , 1982, 108, 173-180.	2.3	3
54	The typical crystal structures of a few representative $\hat{I}\pm$ -aryl- $\hat{I}\pm$ -hydroxyphosphonates. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2019, 75, 283-293.	0.5	3

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55	Optical Resolution of Dimethyl $\pm$ -Hydroxy-Arylmethylphosphonates via Diastereomer Complex Formation Using Calcium Hydrogen O, $\text{O}\hat{\text{e}}^2$ -Dibenzoyl-(2R,3R)-Tartrate; X-Ray Analysis of the Complexes and Products. <i>Symmetry</i> , 2020, 12, 758.	2.2	3
56	Triol Crystalline Hosts Derived from Malic Acid. Synthesis, Inclusion Formation and X-ray Crystal Structures of a Free Host and its Inclusion Compound with Ethanol (1:1). <i>Supramolecular Chemistry</i> , 1997, 8, 351-359.	1.2	2
57	Enzyme-catalyzed kinetic resolution of N-Boc-trans-3-hydroxy-4-phenylpyrrolidine. <i>Open Chemistry</i> , 2014, 12, 25-32.	1.9	2
58	Structural Properties of Chemically Modified Cyclodextrins: The Crystal Structure of an Inclusion Complex between Adamantanol and per-2,6-O-Methyl- $\hat{\text{I}}^2$ -Cyclodextrin. , 1982, , 151-161.		2
59	From crystals to enzymes: Simple models of molecular recognition. <i>Journal of Molecular Recognition</i> , 1993, 6, 187-194.	2.1	1
60	Remarkable stacking behavior of linear oligosiloxanes featuring arylethynyl terminal groups. <i>Silicon Chemistry</i> , 2003, 2, 45-54.	0.8	1
61	Title is missing!. <i>Journal FÄ¼r Praktische Chemie</i> , 1999, 341, 274-283.	0.2	1
62	Doppelschichtbildung mit einem Tensidkronenether-Komplex: Kristallstruktur von 15, 15-Bis (dodecyloxymethyl) [16] Krone-5. NaSCN. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1373-1384.	4.4	0