

Franz H Kohnke

List of Publications by Year in descending order

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1542
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#	ARTICLE	IF	CITATIONS
1	Molecular LEGO. 1. Substrate-directed synthesis via stereoregular Diels-Alder oligomerizations. <i>Journal of the American Chemical Society</i> , 1992, 114, 6330-6353.	13.7	192
2	Molecular Belts and Collars in the Making: A Hexaepoxyoctacosahydro[12]cyclacene Derivative. <i>Angewandte Chemie International Edition in English</i> , 1987, 26, 892-894.	4.4	164
3	Towards the Making of [12]Collarene. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 966-969.	4.4	138
4	Molecular belts. 2. Substrate-directed syntheses of belt-type and cage-type structures. <i>Journal of the American Chemical Society</i> , 1993, 115, 5422-5429.	13.7	120
5	From Large Furan-Based Calixarenes to Calixpyrroles and Calix[n]furan[m]pyrroles: Syntheses and Structures. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1496-1498.	13.8	100
6	The structure-directed synthesis of cyclacene and polyacene derivatives. <i>Pure and Applied Chemistry</i> , 1993, 65, 119-125.	1.9	76
7	Calix[6]pyrrole and Hybrid Calix[n]furan[m]pyrroles (n+m=6): Syntheses and Host-Guest Chemistry. <i>Chemistry - A European Journal</i> , 2002, 8, 3148.	3.3	73
8	Inclusion Networks of a Calix[5]arene-Based Exoditopic Receptor and Long-Chain Alkyldiammonium Ions. <i>Organic Letters</i> , 2003, 5, 4025-4028.	4.6	66
9	Structure-Directed Synthesis of New Organic Materials. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1103-1110.	4.4	62
10	Drug Delivery with a Calixpyrrole- <i>trans</i> -Pt(II) Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 2544-2551.	13.7	62
11	Auf dem Weg zu [12]Collaren. <i>Angewandte Chemie</i> , 1988, 100, 981-983.	2.0	58
12	The complexation of halide ions by a calix[6]pyrrole. <i>Chemical Communications</i> , 2000, , 1207-1208.	4.1	58
13	The Elusive $\hat{1}^2$ -Unsubstituted Calix[5]pyrrole Finally Captured. <i>Organic Letters</i> , 2002, 4, 2695-2697.	4.6	54
14	The evolution of molecular belts and collars. <i>Pure and Applied Chemistry</i> , 1989, 61, 1581-1586.	1.9	53
15	Tuning the anion binding properties of calixpyrroles by means of p-nitrophenyl substituents at their meso-positions. <i>Tetrahedron</i> , 2007, 63, 10003-10010.	1.9	53
16	Syntheses, Structures, and Anion-Binding Properties of Two Novel Calix[2]benzo[4]pyrroles. <i>Chemistry - A European Journal</i> , 2007, 13, 649-656.	3.3	46
17	Trinacrene - a Product of Structure-Directed Synthesis. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1261-1263.	4.4	43
18	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems The authors thank MURST (PRIN 2000 project) for financial support of this work.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2122.	13.8	43

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19	Structure-directed Synthesis of New Organic Materials. <i>Angewandte Chemie</i> , 1989, 101, 1129-1136.	2.0	42
20	Complexation of Diquat by a regiospecifically synthesised macrobicyclic receptor molecule. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 311.	2.0	41
21	Poly(vinyl chloride) matrix membrane uranyl ion-selective electrodes based on cyclic and acyclic neutral carrier sensors. <i>Analyst</i> , The, 1989, 114, 1025.	3.5	39
22	Supramolecular photochemistry and photophysics. Adducts of Pt(bpy)(NH ₃) ₂ ²⁺ with aromatic crown ethers. <i>Journal of the American Chemical Society</i> , 1989, 111, 7072-7078.	13.7	36
23	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , 2002, 43, 7663-7667.	1.4	35
24	pH-Controlled Molecular Switches and the Substrate-directed Self-Assembly of Molecular Capsules with a Calix[4]pyrrole Derivative. <i>Chemistry - A European Journal</i> , 2008, 14, 11593-11600.	3.3	34
25	Stereoregular Oligomerization by Repetitive Diels-Alder Reactions. <i>Angewandte Chemie International Edition in English</i> , 1989, 28, 1258-1261.	4.4	33
26	Ring-closing depolymerisation of aromatic polyethers. <i>Chemical Communications</i> , 1997, , 1533-1534.	4.1	33
27	A calixpyrrole derivative acts as a GPER antagonist: mechanisms and models. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1237-46.	2.4	32
28	Effects of Strained Bicyclic Annelation on the Benzene Nucleus: The X-Ray Crystal Structures of a Triphenylene and Two Anthracene Derivatives. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 339-341.	4.4	31
29	From calixfurans to heterocyclophanes containing isopyrazole units. <i>Tetrahedron</i> , 2004, 60, 1895-1902.	1.9	30
30	Efficient organocatalysis with a calix[4]pyrrole derivative. <i>Tetrahedron Letters</i> , 2008, 49, 153-155.	1.4	29
31	Substrate-directed synthesis: The rapid assembly of novel macropolycyclic structures via stereoregular diels-alder oligomerizations. <i>Topics in Current Chemistry</i> , 1993, , 1-69.	4.0	27
32	A Macrobicyclic Receptor Molecule for the Diquat Dication. <i>Angewandte Chemie International Edition in English</i> , 1985, 24, 581-584.	4.4	26
33	Sterisch einheitliche Oligomerisierung durch repetitive Diels-Alder-Reaktionen. <i>Angewandte Chemie</i> , 1989, 101, 1266-1269.	2.0	26
34	Trinacren - das Produkt einer strukturgerechten Synthese. <i>Angewandte Chemie</i> , 1989, 101, 1269-1271.	2.0	26
35	Stereoelectronically-programmed molecular "lego" sets. <i>Bulletin Des Sociétés Chimiques Belges</i> , 1988, 97, 669-678.	0.0	26
36	Sulfone-Linked Paracyclophanes via Macrocyclic Aromatic Thioethers: Synthetic and Structural Investigations. <i>Chemistry - A European Journal</i> , 2000, 6, 4285-4296.	3.3	26

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37	Complexation of diquat by disubstituted dibenzo-30-crown-10 derivatives. <i>Tetrahedron Letters</i> , 1985, 26, 1681-1684.	1.4	25
38	Cyclodepolymerisation of bisphenol A polysulfone: evidence for self-complementarity in macrocyclic poly(ether sulfones). <i>Chemical Communications</i> , 1998, , 2213-2214.	4.1	25
39	Calixpyrrole Derivatives: "Multi Hydrogen Bond" Catalysts for β -Butenolide Synthesis. <i>Molecules</i> , 2009, 14, 2594-2601.	3.8	24
40	Synthesis, X-ray Structure, and Anion-Binding Properties of a Cryptand-Like Hybrid Calixpyrrole. <i>Journal of Organic Chemistry</i> , 2010, 75, 6263-6266.	3.2	24
41	Host-Guest Chemistry of a Bis-Calix[4]pyrrole Derivative Containing a <i>trans/cis</i> -Switchable Azobenzene Unit with Several Aliphatic Bis-Carboxylates. <i>Chemistry - A European Journal</i> , 2015, 21, 5323-5327.	3.3	24
42	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6468-6473.	2.8	23
43	A novel calix[4]pyrrole derivative as a potential anticancer agent that forms genotoxic adducts with DNA. <i>Scientific Reports</i> , 2018, 8, 11075.	3.3	23
44	The regioselective generation of arynes from polyhalogenobenzenes. An improved synthesis of syn- and anti-1,4,5,8,9,12-hexahydro-1,4:5,8:9,12-triepoxytriphenylene. <i>Tetrahedron</i> , 1992, 48, 6827-6838.	1.9	22
45	Large cyclic oligomers of furan and acetone. X-ray crystal structure of the hexamer and first synthesis of the nonamer. <i>Tetrahedron Letters</i> , 1996, 37, 4593-4596.	1.4	22
46	Regioselective O-alkylations and acylations of polyphenolic substrates using a calix[4]pyrrole derivative. <i>Tetrahedron Letters</i> , 2009, 50, 4138-4140.	1.4	20
47	Macrocyclic oligomers of the aromatic polyetherketone "PK99" synthesis, fractionation, structural characterisation and ring-opening polymerisation. <i>Journal of Materials Chemistry</i> , 2000, 10, 309-314.	6.7	19
48	An investigation by high resolution H NMR spectroscopy of the kinetic stabilities of solution complexes of diquat with disubstituted dibenzo-30-crown-10 derivatives. <i>Tetrahedron Letters</i> , 1985, 26, 1685-1688.	1.4	18
49	Host-Guest Chemistry of Aromatic Amide-Linked Bis- and Tris-Calix[4]pyrroles with Bis-Carboxylates and Citrate Anion. <i>Chemistry - A European Journal</i> , 2014, 20, 1658-1668.	3.3	18
50	A comparison of the receptor stereochemistry in [Pt(bipy)(NH ₃) ₂ ·dinaphtho-30-crown-10][PF ₆] ₂ and [Diquat·dinaphtho-30-crown-10][PF ₆] ₂ (bipy = 2,2'-bipyridine). <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 1054-1058.	2.0	17
51	Chemical Modifications of Furan-Based Calixarenes by Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , 1999, 5, 356-368.	3.3	16
52	Crystal and Molecular Structures of Poly(1,4-phenylenesulfone) and Its Trisulfone and Tetrasulfone Oligomers. <i>Macromolecules</i> , 2002, 35, 1685-1690.	4.8	16
53	Acenaphane derivatives from furan macrocycles. <i>Tetrahedron</i> , 1994, 50, 9113-9124.	1.9	15
54	Recognition and binding of paraquat dichloride by cyclodextrin/calix[6]pyrrole binary host systems. <i>Tetrahedron Letters</i> , 2002, 43, 8103-8106.	1.4	15

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55	Calixpyrroles: from Anion Ligands to Potential Anticancer Drugs. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4261-4272.	2.4	15
56	Structure-Directed Synthesis of new organic materials. <i>Advanced Materials</i> , 1989, 1, 275-282.	21.0	13
57	Chain-conformation and chain-folding in 'PK99': evidence from singlecrystal X-ray studies of linear and cyclic oligomers. <i>Polymer</i> , 1999, 40, 607-612.	3.8	13
58	Ein makrobicyclisches Wirtmolekül für das Diquat-Extraktion. <i>Angewandte Chemie</i> , 1985, 97, 584-587.	2.0	12
59	Second-Sphere Photochemistry and Photophysics: Luminescence of the [Pt(bpy)(NH ₃) ₂] ²⁺ -Dibenzo[30]crown-10 Adduct. <i>Angewandte Chemie International Edition in English</i> , 1988, 27, 692-694.	4.4	12
60	Alkali and alkaline earth metal ion-sensing studies on two disubstituted diphenyl ethers of tetraethylene glycol. <i>Analyst</i> , 1988, 113, 1295.	3.5	12
61	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems The authors thank MURST (PRIN 2000 project) for financial support of this work.. <i>Angewandte Chemie</i> , 2002, 114, 2226.	2.0	12
62	An investigation of the kinetic and thermodynamic stability of a tribenzomacrobicyclic polyether complex with Diquat in acetone solution. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 314.	2.0	11
63	Macrocyclic aromatic thioether sulfones. <i>Chemical Communications</i> , 1998, , 283-284.	4.1	11
64	The synthesis of a novel iptycene containing the triphenylene unit. <i>Tetrahedron Letters</i> , 1993, 34, 5331-5332.	1.4	10
65	Die Auswirkung spannungsinduzierender, bicyclischer Anellierung auf Benzol – die Strukturen von einem Triphenylen- und zwei Anthracen-Derivaten. <i>Angewandte Chemie</i> , 1996, 108, 347-349.	2.0	10
66	Sulfone-linked paracyclophanes. <i>Chemical Communications</i> , 1998, , 1991-1992.	4.1	10
67	Sulfone-Linked Paracyclophanes via Macrocyclic Aromatic Thioethers: Synthetic and Structural Investigations. <i>Chemistry - A European Journal</i> , 2000, 6, 4285-4296.	3.3	10
68	Strapped Calix[4]furan[4]pyrroles, Novel Examples of Ditopic Molecular Receptors. <i>Supramolecular Chemistry</i> , 2006, 18, 273-279.	1.2	9
69	A new route to phenanthrene derivatives. <i>Tetrahedron Letters</i> , 1994, 35, 4839-4842.	1.4	8
70	Auxin induces cell proliferation in an experimental model of mammalian renal tubular epithelial cells. <i>Renal Failure</i> , 2015, 37, 911-913.	2.1	7
71	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-9,10-dimethylphenanthrene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 663-665.	0.4	6
72	Synthesis and structural features of sulfur-substituted calix[4]pyrrole for a bottom-up control of the substrate-directed self-assembly of supramolecular structures. <i>Tetrahedron</i> , 2011, 67, 7548-7556.	1.9	6

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73	Conversion of the cyclic hexamer of furan and acetone into naphthafurophanes. <i>Tetrahedron Letters</i> , 1996, 37, 6201-6204.	1.4	5
74	Methyl rel-(2R,3S,5R,6S)-7-oxabicyclo[2.2.1]heptane-2,3,5,6-tetracarboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 736-737.	0.4	4
75	rel-(1R,4S,5S,8R)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydroanthracene: an example of polymorphism. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 738-740.	0.4	4
76	Chiral naphthafurophanes from furan macrocycles. <i>Tetrahedron Letters</i> , 1996, 37, 6205-6208.	1.4	4
77	rel-(1R,2S,3R,4S,5S,6R,7S,8R)-2,3,6,7-Tetrakis(chloromethyl)-1,4:5,8-diepoxy-1,2,3,4,5,6,7,8-octahydroanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1043-1046.	0.4	3
78	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-2,3,6,7-tetramethyleneanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1046-1049.	0.4	3
79	rel-(1R,4S,5S,8R)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-2,3,6,7-tetramethyleneanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1990, 46, 1049-1051.	0.4	3
80	Methyl rel-(1R,2R,3S,4S,5S,6S,7R,8R)-1,4:5,8-diepoxy-1,2,3,4,5,6,7,8-octahydroanthracene-2,3,6,7-tetracarboxylate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 740-742.	0.4	2
81	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydroanthracene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1988, 44, 742-745.	0.4	2
82	Interaction of cesium ions with calix[2]furan[4]pyrrole and its fluoride complex. <i>Chemical Physics Letters</i> , 2012, 541, 27-31.	2.6	1
83	FP042AUXIN INDUCES CELL PROLIFERATION IN AN EXPERIMENTAL MODEL OF MAMMALIAN RENAL TUBULAR EPITHELIAL CELLS. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii78-iii78.	0.7	0