Franz H Kohnke

List of Publications by Year
in descending order

83 papers	2,732 citations	172457 29 h-index	197818 49 g-index
86 all docs	86 docs citations	86 times ranked	1542 citing authors

#	Article	IF	Citations
1	Calixpyrroles: from Anion Ligands to Potential Anticancer Drugs. European Journal of Organic Chemistry, 2020, 2020, 4261-4272.	2.4	15
2	A novel calix[4]pyrrole derivative as a potential anticancer agent that forms genotoxic adducts with DNA. Scientific Reports, 2018, 8, 11075.	3.3	23
3	FP042AUXIN INDUCES CELL PROLIFERATION IN AN EXPERIMENTAL MODEL OF MAMMALIAN RENAL TUBULAR EPITHELIAL CELLS. Nephrology Dialysis Transplantation, 2015, 30, iii78-iii78.	0.7	0
4	Auxin induces cell proliferation in an experimental model of mammalian renal tubular epithelial cells. Renal Failure, 2015, 37, 911-913.	2.1	7
5	Hostâ€“Guest Chemistry of a Bisâ€Calix[4]pyrrole Derivative Containing a trans/cisâ€Switchable Azobenzene Unit with Several Aliphatic Bisâ€Carboxylates. Chemistry - A European Journal, 2015, 21, 5323-5327.	3.3	24
6	A calixpyrrole derivative acts as a GPER antagonist: mechanisms and models. DMM Disease Models and Mechanisms, 2015, 8, 1237-46.	2.4	32
7	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. Organic and Biomolecular Chemistry, 2015, 13, 6468-6473.	2.8	23
8	Hostâ€“Guest Chemistry of Aromaticâ€Amideâ€Linked Bisâ€•and Trisâ€Calix[4]pyrroles with Bisâ€Carboxylates and Citrate Anion. Chemistry - A European Journal, 2014, 20, 1658-1668.	3.3	18
9	Drug Delivery with a Calixpyrroleâ€“trans-Pt(II) Complex. Journal of the American Chemical Society, 2013, 135, 2544-2551.	13.7	62
10	Interaction of cesium ions with calix[2]furan[4]pyrrole and its fluoride complex. Chemical Physics Letters, 2012, 541, 27-31.	2.6	1
11	Synthesis and structural features of sulfur-substituted calix[4]pyrrole for a bottom-up control of the substrate-directed self-assembly of supramolecular structures. Tetrahedron, 2011, 67, 7548-7556.	1.9	6
12	Synthesis, X-ray Structure, and Anion-Binding Properties of a Cryptand-Like Hybrid Calixpyrrole. Journal of Organic Chemistry, 2010, 75, 6263-6266.	3.2	24
13	Regioselective O-alkylations and acylations of polyphenolic substrates using a calix[4]pyrrole derivative. Tetrahedron Letters, 2009, 50, 4138-4140.	1.4	20
14	Calixpyrrole Derivatives: â€œMulti Hydrogen Bondâ€•Catalysts for Î³-Butenolide Synthesis. Molecules, 2009, 14, 2594-2601.	3.8	24
15	pHâ€Controlled Molecular Switches and the Substrateâ€Directed Selfâ€Assembly of Molecular Capsules with a Calix[4]pyrrole Derivative. Chemistry - A European Journal, 2008, 14, 11593-11600.	3.3	34
16	Efficient organocatalysis with a calix[4]pyrrole derivative. Tetrahedron Letters, 2008, 49, 153-155.	1.4	29
17	Syntheses, Structures, and Anion-Binding Properties of Two Novel Calix[2]benzo[4]pyrroles. Chemistry - A European Journal, 2007, 13, 649-656.	3.3	46
18	Tuning the anion binding properties of calixpyrroles by means of p-nitrophenyl substituents at their meso-positions. Tetrahedron, 2007, 63, 10003-10010.	1.9	53

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19	Strapped Calix[]furan[]pyrroles, Novel Examples of Ditopic Molecular Receptors. Supramolecular Chemistry, 2006, 18, 273-279.	1.2	9
20	From calixfurans to heterocyclophanes containing isopyrazole units. Tetrahedron, 2004, 60, 1895-1902.	1.9	30
21	Inclusion Networks of a Calix[5]arene-Based Exoditopic Receptor and Long-Chain Alkyldiammonium Ions. Organic Letters, 2003, 5, 4025-4028.	4.6	66
22	Crystal and Molecular Structures of Poly(1,4-phenylenesulfone) and Its Trisulfone and Tetrasulfone Oligomers. Macromolecules, 2002, 35, 1685-1690.	4.8	16
23	The Elusive Î²-Unsubstituted Calix[5]pyrrole Finally Captured. Organic Letters, 2002, 4, 2695-2697.	4.6	54
24	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.. Angewandte Chemie, 2002, 114, 2226.	2.0	12
25	Calix[6]pyrrole and Hybrid Calix[n]furan[m]pyrroles (n+m=6): Syntheses and Hostâ€“Guest Chemistry. Chemistry - A European Journal, 2002, 8, 3148.	3.3	73
26	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.. Angewandte Chemie - International Edition, 2002, 41, 2122.	13.8	43
27	Guest-induced capsular assembly of calix[5]arenes. Tetrahedron Letters, 2002, 43, 7663-7667.	1.4	35
28	Recognition and binding of paraquat dichloride by cyclodextrin/calix[6]pyrrole binary host systems. Tetrahedron Letters, 2002, 43, 8103-8106.	1.4	15
29	From Large Furan-Based Calixarenes to Calixpyrroles and Calix[n]furan[m]pyrroles: Syntheses and Structures. Angewandte Chemie - International Edition, 2000, 39, 1496-1498.	13.8	100
30	Sulfone-Linked Paracyclophanes via Macrocyclic Aromatic Thioethers: Synthetic and Structural Investigations. Chemistry - A European Journal, 2000, 6, 4285-4296.	3.3	10
31	Macrocyclic oligomers of the aromatic polyetherketone â€œPK99â€: synthesis, fractionation, structural characterisation and ring-opening polymerisation. Journal of Materials Chemistry, 2000, 10, 309-314.	6.7	19
32	The complexation of halide ions by a calix[6]pyrrole. Chemical Communications, 2000, , 1207-1208.	4.1	58
33	Sulfone-Linked Paracyclophanes via Macrocyclic Aromatic Thioethers: Synthetic and Structural Investigations. Chemistry - A European Journal, 2000, 6, 4285-4296.	3.3	26
34	Chain-conformation and chain-folding in `PK99': evidence from singlecrystal X-ray studies of linear and cyclic oligomers. Polymer, 1999, 40, 607-612.	3.8	13
35	Chemical Modifications of Furan-Based Calixarenes by Diels-Alder Reactions. Chemistry - A European Journal, 1999, 5, 356-368.	3.3	16
36	Macrocyclic aromatic thioether sulfones. Chemical Communications, 1998, , 283-284.	4.1	11

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37	Cyclodepolymerisation of bisphenol A polysulfone: evidence for self-complementarity in macrocyclic poly(ether sulfones). Chemical Communications, 1998, , 2213-2214.	4.1	25
38	Sulfone-linked paracyclophanes. Chemical Communications, 1998, , 1991-1992.	4.1	10
39	Ring-closing depolymerisation of aromatic polyethers. Chemical Communications, 1997, , 1533-1534.	4.1	33
40	Die Auswirkung spannungsinduzierender, bicyclischer Anellierung auf Benzol â€“ die Strukturen von einem Triphenylenâ€•und zwei Anthracenâ€Derivaten. Angewandte Chemie, 1996, 108, 347-349.	2.0	10
41	Effects of Strained Bicyclic Annelation on the Benzene Nucleus: The X-Ray Crystal Structures of a Triphenylene and Two Anthracene Derivatives. Angewandte Chemie International Edition in English, 1996, 35, 339-341.	4.4	31
42	Large cyclic oligomers of furan and acetone. X-ray crystal structure of the hexamer and first synthesis of the nonamer. Tetrahedron Letters, 1996, 37, 4593-4596.	1.4	22
43	Conversion of the cyclic hexamer of furan and acetone into naphthafurophanes. Tetrahedron Letters, 1996, 37, 6201-6204.	1.4	5
44	Chiral naphthafurophanes from furan macrocycles. Tetrahedron Letters, 1996, 37, 6205-6208.	1.4	4
45	A new route to phenanthrene derivatives. Tetrahedron Letters, 1994, 35, 4839-4842.	1.4	8
46	Acenaphane derivatives from furan macrocycles. Tetrahedron, 1994, 50, 9113-9124.	1.9	15
47	The synthesis of a novel iptycene containing the triphenylene unit. Tetrahedron Letters, 1993, 34, 5331-5332.	1.4	10
48	Molecular belts. 2. Substrate-directed syntheses of belt-type and cage-type structures. Journal of the American Chemical Society, 1993, 115, 5422-5429.	13.7	120
49	The structure-directed synthesis of cyclacene and polyacene derivatives. Pure and Applied Chemistry, 1993, 65, 119-125.	1.9	76
50	Substrate-directed synthesis: The rapid assembly of novel macropolycyclic structures via stereoregular diels-alder oligomerizations. Topics in Current Chemistry, 1993, , 1-69.	4.0	27
51	Molecular LEGO. 1. Substrate-directed synthesis via stereoregular Diels-Alder oligomerizations. Journal of the American Chemical Society, 1992, 114, 6330-6353.	13.7	192
52	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. Tetrahedron, 1992, 48, 6827-6838.	1.9	22
53	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-9,10-dimethylphenanthrene. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 663-665.	0.4	6
54	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. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 1043-1046.	0.4	3

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55	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-2,3,6,7-tetramethyleneanthracene. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 1046-1049.	0.4	3
56	rel-(1R,4S,5S,8R)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydro-2,3,6,7-tetramethyleneanthracene. Acta Crystallographica Section C: Crystal Structure Communications, 1990, 46, 1049-1051.	0.4	3
57	Structure-Directed Synthesis of new organic materials. Advanced Materials, 1989, 1, 275-282.	21.0	13
58	Sterisch einheitliche Oligomerisierung durch repetitive Dielsâ€Alderâ€Reaktionen. Angewandte Chemie, 1989, 101, 1266-1269.	2.0	26
59	Trinacren â€“ das Produkt einer strukturgerechten Synthese. Angewandte Chemie, 1989, 101, 1269-1271.	2.0	26
60	Structure-Directed Synthesis of New Organic Materials. Angewandte Chemie International Edition in English, 1989, 28, 1103-1110.	4.4	62
61	Stereoregular Oligomerization by Repetitive Dielsâ€“Alder Reactions. Angewandte Chemie International Edition in English, 1989, 28, 1258-1261.	4.4	33
62	Trinacreneâ€“ a Product of Structure-Directed Synthesis. Angewandte Chemie International Edition in English, 1989, 28, 1261-1263.	4.4	43
63	Supramolecular photochemistry and photophysics. Adducts of Pt(bpy)(NH3)22+ with aromatic crown ethers. Journal of the American Chemical Society, 1989, 111, 7072-7078.	13.7	36
64	Poly(vinyl chloride) matrix membrane uranyl ion-selective electrodes based on cyclic and acyclic neutral carrier sensors. Analyst, The, 1989, 114, 1025.	3.5	39
65	The evolution of molecular belts and collars. Pure and Applied Chemistry, 1989, 61, 1581-1586.	1.9	53
66	Structureâ€Directed Synthesis of New Organic Materials. Angewandte Chemie, 1989, 101, 1129-1136.	2.0	42
67	Methyl rel-(2R,3S,5R,6S)-7-oxabicyclo[2.2.1]heptane-2,3,5,6-tetracarboxylate. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 736-737.	0.4	4
68	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. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 740-742.	0.4	2
69	rel-(1R,4S,5R,8S)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydroanthracene. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 742-745.	0.4	2
70	Auf dem Weg zu [12]Collaren. Angewandte Chemie, 1988, 100, 981-983.	2.0	58
71	Second-Sphere Photochemistry and Photophysics: Luminescence of the [Pt(bpy)(NH3)2]2?-Dibenzo[30]crown-10 Adduct. Angewandte Chemie International Edition in English, 1988, 27, 692-694.	4.4	12
72	Towards the Making of [12]Collarene. Angewandte Chemie International Edition in English, 1988, 27, 966-969.	4.4	138

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73	rel-(1R,4S,5S,8R)-1,4:5,8-Diepoxy-1,4,5,8-tetrahydroanthracene: an example of polymorphism. Acta Crystallographica Section C: Crystal Structure Communications, 1988, 44, 738-740.	0.4	4
74	Alkali and alkaline earth metal ion-sensing studies on two disubstituted diphenyl ethers of tetraethylene glycol. Analyst, The, 1988, 113, 1295.	3.5	12
75	Stereoelectronicallyâ€programmed molecular â€˜legoâ€™ sets. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1988, 97, 669-678.	0.0	26
76	A comparison of the receptor stereochemistry in [Pt(bipy)(NH3)2Â·dinaphtho-30-crown-10][PF6]2and [DiquatÂ·dinaphtho-30-crown-10][PF6]2(bipy = 2,2â€²-bipyridine). Journal of the Chemical Society Chemical Communications, 1987, , 1054-1058.	2.0	17
77	Molecular Belts and Collars in the Making: A Hexaepoxyoctacosahydro[12]cyclacene Derivative. Angewandte Chemie International Edition in English, 1987, 26, 892-894.	4.4	164
78	Complexation of diquat by disubstituted dibenzo-30-crown-10 derivatives. Tetrahedron Letters, 1985, 26, 1681-1684.	1.4	25
79	An investigation by high resolution H NMR spectroscopy of the kinetic stabilities of solution complexes of diquat with disubstituted dibenzo-30-crown-10 derivatives. Tetrahedron Letters, 1985, 26, 1685-1688.	1.4	18
80	A Macrobicyclic Receptor Molecule for the Diquat Dication. Angewandte Chemie International Edition in English, 1985, 24, 581-584.	4.4	26
81	Ein makrobicyclisches WirtmolekÃ¼l fÃ¼r das Diquatâ€Dikation. Angewandte Chemie, 1985, 97, 584-587.	2.0	12
82	Complexation of Diquat by a regiospecifically synthesised macrobicyclic receptor molecule. Journal of the Chemical Society Chemical Communications, 1985, , 311.	2.0	41
83	An investigation of the kinetic and thermodynamic stability of a tribenzomacrobicyclic polyether complex with Diquat in acetone solution. Journal of the Chemical Society Chemical Communications, 1985, , 314.	2.0	11