

# Ngong Kodiah Beyeh

## List of Publications by Year in descending order

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71  
papers

1,727  
citations

346980

22  
h-index

340414

39  
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73  
all docs

73  
docs citations

73  
times ranked

1713  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing the salt bowl: counterion identity drives <i>N</i> -alkyl resorcinarene affinity for pyrophosphate in water. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1267-1275.	2.3	5
2	Simultaneous Organic and Inorganic Host-Guest Chemistry within Pillararene-Protein Cage Frameworks. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	12
3	Naphthalene-Functionalized Resorcinarene as Selective, Fluorescent Self-Quenching Sensor for Kynurenic Acid. <i>Analyst</i> , The, 2022, , .	1.7	1
4	Simultaneous Organic and Inorganic Host-Guest Chemistry within Pillararene-Protein Cage Frameworks. <i>Chemistry - A European Journal</i> , 2022, 28, e202200343.	1.7	1
5	Host-Guest Complex for Heparin Binding and Sensing. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 1665-1665.	0.0	0
6	Recent Advances in Halogen Bonded Assemblies with Resorcin[4]arenes. <i>Chemical Record</i> , 2021, 21, 386-395.	2.9	20
7	Functionalized resorcinarenes effectively disrupt the aggregation of A66-80 crystallin peptide related to cataracts. <i>RSC Medicinal Chemistry</i> , 2021, 12, 2022-2030.	1.7	3
8	Water Soluble Host-Guest Chemistry Involving Aromatic N-Oxides and Sulfonateresorcinarene. <i>Symmetry</i> , 2020, 12, 1751.	1.1	3
9	Bringing a Molecular Plus One: Synergistic Binding Creates Guest-Mediated Three-Component Complexes. <i>Journal of Organic Chemistry</i> , 2020, 85, 5884-5894.	1.7	9
10	Host-Guest Interactions of Sodiumsulfonatomethylenesorcinarene and Quaternary Ammonium Halides: An Experimental-Computational Analysis of the Guest Inclusion Properties. <i>Crystal Growth and Design</i> , 2020, 20, 2367-2376.	1.4	15
11	Thermodynamically driven self-assembly of pyridinearene to hexameric capsules. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6980-6984.	1.5	7
12	Halogen-Bond-Mediated Self-Assembly of Polymer-Resorcinarene Complexes. <i>Macromolecular Rapid Communications</i> , 2019, 40, 1900158.	2.0	11
13	Halogen bonding and host-guest chemistry between <i>N</i> -alkylammonium resorcinarene halides, diiodoperfluorobutane and neutral guests. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 947-954.	1.3	6
14	Bamboo-like Chained Cavities and Other Halogen-Bonded Complexes from Tetrahaloethynyl Cavitands with Simple Ditopic Halogen Bond Acceptors. <i>Crystal Growth and Design</i> , 2018, 18, 513-520.	1.4	17
15	High-affinity and selective detection of pyrophosphate in water by a resorcinarene salt receptor. <i>Chemical Science</i> , 2018, 9, 1358-1367.	3.7	44
16	Host-guest complexes of C-propyl-2-bromoresorcinarene with aromatic <i>N</i> -oxides. <i>Supramolecular Chemistry</i> , 2018, 30, 445-454.	1.5	2
17	Self-Complementary Dimers of Oxalamide-Functionalized Resorcinarene Tetrabenzoxazines. <i>Chemistry - an Asian Journal</i> , 2018, 13, 164-169.	1.7	3
18	A supramolecular host-guest complex for heparin binding and sensing. <i>Nanoscale</i> , 2018, 10, 14022-14030.	2.8	25

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19	Crystalline Cyclophaneâ€“Protein Cage Frameworks. ACS Nano, 2018, 12, 8029-8036.	7.3	39
20	Hostâ€“guest complexes of conformationally flexible <i>C</i> -hexyl-2-bromoresorcinarene and aromatic <i>N</i> -oxides: solid-state, solution and computational studies. Beilstein Journal of Organic Chemistry, 2018, 14, 1723-1733.	1.3	9
21	Recognition of Viologen Derivatives in Water by <i>N</i> -Alkyl Ammonium Resorcinarene Chlorides. Journal of Organic Chemistry, 2017, 82, 5198-5203.	1.7	17
22	Endo-/exo- and halogen-bonded complexes of conformationally rigid C-ethyl-2-bromoresorcinarene and aromatic N-oxides. CrystEngComm, 2017, 19, 4312-4320.	1.3	9
23	Beyond the halogen bond: general discussion. Faraday Discussions, 2017, 203, 227-244.	1.6	2
24	Solid-state chemistry and applications: general discussion. Faraday Discussions, 2017, 203, 459-483.	1.6	2
25	Hostâ€“Guest Complexes of Câ€“Ethylâ€“methylresorcinarene and Aromatic <i>N</i> , <i>N</i> -Dioxides. ChemistryOpen, 2017, 6, 417-423.	0.9	6
26	Halogen-bonded solvates of tetrahaloethynyl cavitands. CrystEngComm, 2017, 19, 5223-5229.	1.3	9
27	Simultane <i>endo</i> - und <i>exo</i> -Komplexbildung von Pyridin[4]arenâ€“Dimeren mit neutralen und anionischen GÃ„sten. Angewandte Chemie, 2017, 129, 11082-11087.	1.6	1
28	Simultaneous <i>endo</i> and <i>exo</i> -Complex Formation of Pyridine[4]arene Dimers with Neutral and Anionic Guests. Angewandte Chemie - International Edition, 2017, 56, 10942-10946.	7.2	20
29	Anionâ€“Exchange Properties of Trifluoroacetate and Triflate Salts of <i>N</i> -Alkylammonium Resorcinarenes. Chemistry - an Asian Journal, 2016, 11, 782-788.	1.7	6
30	<i>N</i> -Alkyl Ammonium Resorcinarene Chloride Receptors for Guest Binding in Aqueous Environment. Asian Journal of Organic Chemistry, 2016, 5, 1027-1032.	1.3	6
31	2-Methylresorcinarene: a very high packing coefficient in a mono-anion based dimeric capsule and the X-ray crystal structure of the tetra-anion. Chemical Communications, 2016, 52, 8115-8118.	2.2	14
32	[Nâ€“...â€“...] <sup>+</sup> â€“Halogenâ€“Bonded Dimeric Capsules from Tetrakis(3â€“pyridyl)ethylene Cavitands. Angewandte Chemie, 2016, 128, 14239-14242.	1.6	23
33	[Nâ€“...â€“...] <sup>+</sup> â€“Halogenâ€“Bonded Dimeric Capsules from Tetrakis(3â€“pyridyl)ethylene Cavitands. Angewandte Chemie - International Edition, 2016, 55, 14033-14036.	7.2	100
34	<i>N</i> -Alkyl ammonium resorcinarene polyiodides. CrystEngComm, 2016, 18, 5724-5727.	1.3	5
35	N-Alkyl Ammonium Resorcinarene Salts: A Versatile Family of Calixarene-Related Host Molecules. , 2016, , 255-284.		6
36	Guest-Induced Folding of the <i>N</i> -Benzyl Substituents in an Ammonium Resorcinarene Chloride and the Formation of a Halogen-Bonded Dimer of Capsules. Crystal Growth and Design, 2016, 16, 6729-6733.	1.4	8

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37	<i>N</i> -Alkyl Ammonium Resorcinarene Salts as High-Affinity Tetravalent Chloride Receptors. <i>Chemistry - A European Journal</i> , 2016, 22, 1355-1361.	1.7	10
38	Inclusion complexes of <i>C</i> <sub>ethyl</sub> -2-methylresorcinarene and pyridine <i>N</i> -oxides: breaking the C <sup>-</sup> O <sup>-</sup> N <sup>+</sup> halogen bond by host-guest complexation. <i>CrystEngComm</i> , 2016, 18, 793-799.	1.3	15
39	Conformational changes in <i>C</i> <sub>methyl</sub> -resorcinarene pyridine <i>N</i> -oxide inclusion complexes in the solid state. <i>CrystEngComm</i> , 2016, 18, 4971-4976.	1.3	14
40	Cooperative Binding of Divalent Diamides by <i>N</i> -Alkyl Ammonium Resorcinarene Chlorides. <i>Chemistry - A European Journal</i> , 2015, 21, 9556-9562.	1.7	23
41	Concerted Halogen-Bonded Networks with <i>N</i> -Alkyl Ammonium Resorcinarene Bromides: From Dimeric Dumbbell to Capsular Architectures. <i>Journal of the American Chemical Society</i> , 2015, 137, 10406-10413.	6.6	36
42	Dimeric resorcinarene salt capsules with very tight encapsulation of anions and guest molecules. <i>RSC Advances</i> , 2015, 5, 57912-57916.	1.7	15
43	Methylresorcinarene: a reaction vessel to control the coordination geometry of copper(II) in pyridine <i>N</i> -oxide copper(II) complexes. <i>Dalton Transactions</i> , 2015, 44, 9881-9886.	1.6	11
44	A Halogen-Bonded Dimeric Resorcinarene Capsule. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7303-7307.	7.2	83
45	Aromatic <i>N</i> -oxide templates open inclusion and dimeric capsular assemblies with methylresorcinarene. <i>RSC Advances</i> , 2015, 5, 30222-30226.	1.7	10
46	<i>N</i> -Alkyl ammonium resorcinarene salts: multivalent halogen-bonded deep-cavity cavitands. <i>Organic Chemistry Frontiers</i> , 2015, 2, 340-345.	2.3	32
47	Encapsulation of secondary and tertiary ammonium salts by resorcinarenes and pyrogallarenes: the effect of size and charge concentration. <i>CrystEngComm</i> , 2015, 17, 1182-1188.	1.3	16
48	The Synergetic Interplay of Weak Interactions in the Ion-Pair Recognition of Quaternary and Diquaternary Ammonium Salts by Halogenated Resorcinarenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 80-85.	1.2	18
49	Hierarchical Ordering in Ternary Co-Crystals of <i>C</i> <sub>60</sub> , <i>N</i> -Benzyl Ammonium Resorcinarene Bromide and Solvent Molecules. <i>Crystal Growth and Design</i> , 2014, 14, 6161-6165.	1.4	11
50	Halogen bonded analogues of deep cavity cavitands. <i>Chemical Communications</i> , 2014, 50, 1959-1961.	2.2	43
51	Tetraiodoethynyl resorcinarene cavitands as multivalent halogen bond donors. <i>Chemical Communications</i> , 2014, 50, 15920-15923.	2.2	39
52	Deprotonation of resorcinarenes by mono- and diamine bases: complexation and intermolecular interactions in the solid state. <i>CrystEngComm</i> , 2014, 16, 3758-3764.	1.3	7
53	Recognition of <i>N</i> -Alkyl and <i>N</i> -Aryl Acetamides by <i>N</i> -Alkyl Ammonium Resorcinarene Chlorides. <i>Chemistry - A European Journal</i> , 2014, 20, 15144-15150.	1.7	22
54	Complexation of enantiomerically pure tetraalkylammonium cations by ethyl resorcinarene. <i>Supramolecular Chemistry</i> , 2013, 25, 609-614.	1.5	0

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55	Size-Selective Encapsulation of Hydrophobic Guests by Self-Assembled M <sub>4</sub> L <sub>6</sub> Cobalt and Nickel Cages. <i>Chemistry - A European Journal</i> , 2013, 19, 3374-3382.	1.7	73
56	Binding Modes of Nonspherical Anions to <i>N</i> -Alkylammonium Resorcinarenes in the Solid State. <i>Crystal Growth and Design</i> , 2012, 12, 4919-4926.	1.4	20
57	Ion-Pair Recognition of Tetramethylammonium Salts by Halogenated Resorcinarenes. <i>Chemistry - A European Journal</i> , 2012, 18, 5552-5557.	1.7	46
58	The inherent structural instability: concentration-dependent transformation of pyrogallarene to pyrogallarene lactones. <i>Chemical Communications</i> , 2011, 47, 2649.	2.2	3
59	Gas-phase H/D-exchange reactions on resorcinarene and pyrogallarene capsules: Proton transport through a one-dimensional Grothuss mechanism. <i>Chemical Science</i> , 2011, 2, 615-624.	3.7	34
60	Dimeric Resorcin[4]arene Capsules in the Solid State. <i>Israel Journal of Chemistry</i> , 2011, 51, 769-780.	1.0	39
61	Tri- and Tetraurea Piperazine Cyclophanes: Synthesis and Complexation Studies of Preorganized and Folded Receptor Molecules. <i>Chemistry - A European Journal</i> , 2010, 16, 14554-14564.	1.7	9
62	Piperazine Bridged Resorcinarene Cages. <i>Organic Letters</i> , 2010, 12, 1392-1395.	2.4	28
63	Hydrogen bond-stabilised N-alkylammonium resorcinarene halide cavitands. <i>Supramolecular Chemistry</i> , 2010, 22, 737-750.	1.5	24
64	Tetranitroresorcin[4]arene: synthesis and structure of a new stereoisomer. <i>Tetrahedron Letters</i> , 2009, 50, 7369-7373.	0.7	8
65	Encapsulation of tetramethylphosphonium cations. <i>Supramolecular Chemistry</i> , 2009, 21, 142-148.	1.5	25
66	Size- and Structure-Selective Noncovalent Recognition of Saccharides by Tetraethyl and Tetraphenyl Resorcinarenes in the Gas Phase. <i>Chemistry - A European Journal</i> , 2008, 14, 5220-5228.	1.7	29
67	An Unlockable "Relockable" Iron Cage by Subcomponent Self-Assembly. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8297-8301.	7.2	323
68	Dansylated resorcinarenes. <i>New Journal of Chemistry</i> , 2007, 31, 370-376.	1.4	25
69	Synthesis of Chiral Resorcinarene-based Hosts and a Mass Spectrometric Study of their Chemistry in Solution and the Gas Phase. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 56, 381-394.	1.6	15
70	Flying Capsules: Mass Spectrometric Detection of Pyrogallarene and Resorcinarene Hexamers. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 5214-5218.	7.2	117
71	Guest-Mediated Self-Assembly of Deprotonated 2-Bromoresorcinarenes. <i>Crystal Growth and Design</i> , 0, , ,	1.4	1