

Adem KiliÅ

List of Publications by Year in descending order

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236833

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102
times ranked

816
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#	ARTICLE	IF	CITATIONS
1	Synthesis, cytotoxicity and apoptosis of cyclotriphosphazene compounds as anti-cancer agents. <i>European Journal of Medicinal Chemistry</i> , 2012, 52, 213-220.	2.6	104
2	Phosphorus-Nitrogen Compounds. 21. Syntheses, Structural Investigations, Biological Activities, and DNA Interactions of New N/O Spirocyclic Phosphazene Derivatives. The NMR Behaviors of Chiral Phosphazenes with Stereogenic Centers upon the Addition of Chiral Solvating Agents. <i>Inorganic Chemistry</i> , 2010, 49, 7057-7071.	1.9	73
3	Anomalous NMR Behavior of Meso Compounds with Remote Stereogenic Centers on Addition of Chiral Shift Reagent or Chiral Solvating Agent. <i>Journal of the American Chemical Society</i> , 2003, 125, 4943-4950.	6.6	62
4	Unusual products in the reactions of hexachlorocyclotriphosphazatriene with sodium aryloxides. <i>Heteroatom Chemistry</i> , 1996, 7, 249-256.	0.4	48
5	The synthesis, thermal and photophysical properties of phenoxycyclotriphosphazanyl-substituted cyclic and polymeric phosphazenes. <i>Polyhedron</i> , 2009, 28, 2510-2516.	1.0	45
6	Competitive formation of spiro and ansa derivatives in the reactions of tetrafluorobutane-1,4-diol with hexachlorocyclotriphosphazene: A comparison with butane-1,4-diol. <i>Polyhedron</i> , 2006, 25, 963-974.	1.0	42
7	Hexa-BODIPY Linked-Triazole Based on a Cyclotriphosphazene Core as a Highly Selective and Sensitive Fluorescent Sensor for Fe ²⁺ Ions. <i>Journal of Fluorescence</i> , 2016, 26, 1173-1181.	1.3	41
8	The structural and stereogenic properties of pentaerythritoxy-bridged cyclotriphosphazene derivatives: spiro-spiro-ansa and ansa-ansa isomers. <i>Dalton Transactions</i> , 2006, , 1302-1312.	1.6	39
9	Synthesis and characterization of new cyclotriphosphazene compounds. <i>Tetrahedron</i> , 2013, 69, 1454-1461.	1.0	38
10	Chiral configurations of spermine-bridged cyclotriphosphazatrienes. <i>Dalton Transactions RSC</i> , 2002, , 365-370.	2.3	36
11	Fluorenylidene bridged cyclotriphosphazenes: turn-off fluorescence probe for Cu ²⁺ and Fe ³⁺ ions. <i>Dalton Transactions</i> , 2013, 42, 14916.	1.6	36
12	Structural investigations of phosphorus-nitrogen compounds. 7. Relationships between physical properties, electron densities, reaction mechanisms and hydrogen-bonding motifs of N ₃ P ₃ Cl(6- <i>n</i>)(NHBu ^t) _n derivatives. <i>Acta Crystallographica Section B: Structural Science</i> , 2006, 62, 321-329.	1.8	34
13	The synthesis, spectroscopic and thermal properties of phenoxycyclotriphosphazanyl-substituted phthalocyanines. <i>Dyes and Pigments</i> , 2008, 79, 14-23.	2.0	34
14	Intramolecular excimer formation in hexakis(pyrenyloxy)cyclotriphosphazene: photophysical properties, crystal structure, and theoretical investigation. <i>Dalton Transactions</i> , 2014, 43, 3428-3433.	1.6	34
15	First paraben substituted cyclotetraphosphazene compounds and DNA interaction analysis with a new automated biosensor. <i>Biosensors and Bioelectronics</i> , 2016, 80, 331-338.	5.3	33
16	Novel pyrene-BODIPY dyes based on cyclotriphosphazene scaffolds: Synthesis, photophysical and spectroelectrochemical properties. <i>Inorganica Chimica Acta</i> , 2019, 494, 132-140.	1.2	33
17	Formation of spiro and ansa derivatives in the reaction of 2,2,3,3,4,4-hexafluoropentane-1,5-diol with cyclotriphosphazene: Comparison with 2,2,3,3-tetrafluorobutane-1,4-diol. <i>Polyhedron</i> , 2007, 26, 5283-5292.	1.0	32
18	Synthesis and properties of axially-phenoxycyclotriphosphazanyl substituted silicon phthalocyanine. <i>Polyhedron</i> , 2010, 29, 675-682.	1.0	32

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19	Retention of Configuration in the Nucleophilic Substitution Reactions of Some Nine-Membered Ansa Derivatives of Cyclotriphosphazatriene. <i>Chemistry - A European Journal</i> , 2004, 10, 4915-4920.	1.7	30
20	Stereogenic properties of 1,3-disubstituted derivatives of cyclotriphosphazene: cis (meso) and trans (racemic) isomers. <i>Inorganic Chemistry Communication</i> , 2004, 7, 657-661.	1.8	30
21	Single-, double- and triple-bridged derivatives of cyclotriphosphazenes with an octafluorohexane-1,6-diol. <i>Polyhedron</i> , 2009, 28, 3593-3599.	1.0	30
22	Synthesis and proton conductivity of azole-substituted cyclic and polymeric phosphazenes. <i>Polymer</i> , 2013, 54, 2250-2256.	1.8	29
23	Synthesis of pyrene end-capped A6 dendrimer and star polymer with phosphazene core via click chemistry. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3193-3206.	2.5	28
24	Synthesis and physico-chemical properties of cyclotriphosphazene-BODIPY conjugates. <i>Dyes and Pigments</i> , 2017, 139, 517-523.	2.0	28
25	Phosphorus-nitrogen compounds. Part 44. The syntheses of N,N-spiro bridged cyclotriphosphazene derivatives with (4-fluorobenzyl) pendant arms: Structural and stereogenic properties, DNA interactions, antimicrobial and cytotoxic activities. <i>Inorganica Chimica Acta</i> , 2019, 486, 172-184.	1.2	28
26	Stable P ¹⁵ N Bridged Cyclophosphazenes with a Spiro or Ansa Arrangement. <i>Inorganic Chemistry</i> , 2008, 47, 5042-5044.	1.9	27
27	Competitive formation of cis and trans derivatives in the nucleophilic substitution reactions of cyclophosphazenes having a mono-spiro P ¹⁵ NHR group. <i>Dalton Transactions</i> , 2011, 40, 4959.	1.6	27
28	Structural and stereogenic properties of spiro- and ansa-substituted 1,3-propanedioxy derivatives of a spermine-bridged cyclotriphosphazene. <i>Polyhedron</i> , 2006, 25, 953-962.	1.0	26
29	PHOSPHORUS-NITROGEN COMPOUNDS. PART 72.1 THE REACTIONS OF OCTACHLOROCYCLOTETRA-PHOSPHAZATETRAENE WITH SPERMIDINE AND SPERMINE. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 57, 111-117.	0.8	25
30	Synthesis, characterization, electrochromic properties, and electrochromic device application of a novel star polymer consisting of thiophene end-capped poly(ϵ -caprolactone) arms emanating from a hexafunctional cyclotriphosphazene core. <i>Journal of Polymer Science Part A</i> , 2010, 48, 3668-3682.	2.5	25
31	Comparison of photophysical properties of hexaphenoxycyclotriphosphazanyl-substituted metal-free, mono- and bis-lutetium phthalocyanines. <i>Synthetic Metals</i> , 2010, 160, 436-444.	2.1	25
32	Synthesis and fluorescence properties of hexameric and octameric subphthalocyanines based cyclic phosphazenes. <i>Dyes and Pigments</i> , 2013, 98, 442-449.	2.0	25
33	Controlling phosphonic acid substitution degree on proton conducting polyphosphazenes. <i>Polymer</i> , 2012, 53, 3659-3668.	1.8	24
34	A spiro to ansa rearrangement in cyclotriphosphazene derivatives. <i>Dalton Transactions</i> , 2007, , 2792-2801.	1.6	23
35	Formation of novel spiro, spiroansa and dispiroansa derivatives of cyclotetraphosphazene from the reactions of polyfunctional amines with octachlorocyclotetraphosphazetate. <i>Journal of Chemical Sciences</i> , 2009, 121, 125-135.	0.7	23
36	Bridged cyclophosphazenes resulting from deprotonation reactions of cyclotriphosphazenes bearing a P ¹⁵ NH group. <i>Dalton Transactions</i> , 2011, 40, 5307.	1.6	23

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37	Synthesis, thermal and photophysical properties of phenoxy-substituted dendrimeric cyclic phosphazenes. <i>Inorganica Chimica Acta</i> , 2011, 366, 161-172.	1.2	23
38	Stereo-selectivity in a cyclotriphosphazene derivative bearing an exocyclic P=O moiety. <i>Dalton Transactions</i> , 2012, 41, 6715.	1.6	23
39	Synthesis of a dendrimeric phenoxy-substituted cyclotetraphosphazene and its non-covalent interactions with multiwalled carbon nanotubes. <i>Polyhedron</i> , 2014, 67, 344-350.	1.0	23
40	Synthesis and enantiomeric analysis of cyclotriphosphazene derivatives with one centre of chirality. <i>Inorganica Chimica Acta</i> , 2009, 362, 4931-4936.	1.2	22
41	Spiro, ansa-derivatives of cyclotetraphosphazenes with a tetrafluorobutane-1,4-diol. <i>Polyhedron</i> , 2010, 29, 3220-3228.	1.0	22
42	Azole substituted polyphosphazenes as nonhumidified proton conducting membranes. <i>Journal of Materials Chemistry</i> , 2011, 21, 1020-1027.	6.7	22
43	Synthesis and properties of axially BODIPY conjugated subphthalocyanine dyads. <i>Dyes and Pigments</i> , 2014, 101, 234-239.	2.0	22
44	Chiral separation and CD characterisation of enantiomeric cyclotriphosphazene derivatives. <i>Chirality</i> , 2005, 17, 438-443.	1.3	21
45	Absolute structure determination as a reference for the enantiomeric resolution of racemic mixtures of cyclophosphazenes via chiral high-performance liquid chromatography. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 355-362.	1.8	21
46	Structural investigations of phosphorus-nitrogen compounds. 4. Steric and electronic effects in dibenzylamino derivatives of hexachlorocyclotriphosphazatriene and 4,4,6,6-tetrachloro-2,2-diphenylcyclotriphosphazatriene. <i>Acta Crystallographica Section B: Structural Science</i> , 2002, 58, 545-552.	1.8	20
47	Chiral Configurations of Spirane-Bridged Cyclotriphosphazenes. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1881-1886.	1.2	20
48	Stereoisomerism in Pentaerythritol-Bridged Cyclotriphosphazene Tri-Spiranes: Spiro and Ansa 1,3-Propanedioldioxy Disubstituted Derivatives. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 1042-1047.	1.0	20
49	Investigation of nucleophilic substitution pathway for the reactions of 1,4-benzodioxan-6-amine with chlorocyclophosphazenes. <i>Inorganica Chimica Acta</i> , 2014, 409, 216-226.	1.2	20
50	Fluorescent aminoarylcyclotetraphosphazenes. <i>Polyhedron</i> , 2010, 29, 2609-2618.	1.0	19
51	Effect of gem 2,2-disubstitution and base in the formation of spiro- and ansa-1,3-propandioxy derivatives of cyclotriphosphazenes. <i>Inorganica Chimica Acta</i> , 2010, 363, 3506-3515.	1.2	19
52	Synthesis and characterization of soluble multi-walled carbon nanotube/poly(organophosphazene) composites. <i>Polymer</i> , 2011, 52, 1241-1248.	1.8	19
53	The Synthesis and Characterization of Cycloalkoxy-Linear Phosphazenes. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2003, 178, 2097-2105.	0.8	18
54	Phenolysis of hexachlorocyclotriphosphazatriene. <i>Heteroatom Chemistry</i> , 2005, 16, 308-310.	0.4	18

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55	Stereogenic properties of spiranes combined with one or two equivalent conventional centres of chirality. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 2811-2821.	0.8	18
56	Structural and fluorescence properties of phenolphthalein bridged cyclotriphosphazatrienes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 74, 881-886.	2.0	18
57	Chirality in cyclotriphosphazenes with one stereogenic centre. <i>Inorganic Chemistry Communication</i> , 2004, 7, 842-846.	1.8	17
58	The reaction of thiophenoxide with amino-substituted chloro-cyclotriphosphazenes. <i>Polyhedron</i> , 2009, 28, 2863-2870.	1.0	17
59	A cis-directing effect towards diols by an exocyclic P-NHR moiety in cyclotriphosphazenes. <i>Inorganic Chemistry Communication</i> , 2009, 12, 773-777.	1.8	16
60	Investigation of a spiro to ansa rearrangement with di-functional alcohols in cyclotriphosphazene derivatives. <i>Polyhedron</i> , 2012, 43, 176-184.	1.0	16
61	Nucleophilic substitution reactions of adamantane derivatives with cyclophosphazenes. <i>Inorganica Chimica Acta</i> , 2012, 387, 226-233.	1.2	16
62	Investigation of the structural properties of 2-naphthylamine substituted cyclotetraphosphazenes. <i>Polyhedron</i> , 2014, 77, 1-9.	1.0	16
63	Novel BODIPY-Cyclotriphosphazene- Fullerene triads: Synthesis, characterization and singlet oxygen generation efficiency. <i>Dyes and Pigments</i> , 2018, 153, 26-34.	2.0	16
64	Comparison of high-performance liquid chromatography of cyclotriphosphazene derivatives with one or two equivalent stereogenic centres. <i>Journal of Chromatography A</i> , 2006, 1132, 201-205.	1.8	15
65	Structural properties of new spiro-1,3-propanediaminocyclotriphosphazene derivatives. <i>Polyhedron</i> , 2011, 30, 2227-2236.	1.0	15
66	Conversion of a Cyclotriphosphazene to a Cyclohexaphosphazene by Ring Expansion. <i>Inorganic Chemistry</i> , 2012, 51, 6434-6436.	1.9	15
67	NIR BODIPY-Cyclotriphosphazene-Fullerene assemblies: Photophysical properties and photosensitized generation of singlet oxygen. <i>Dyes and Pigments</i> , 2019, 162, 734-740.	2.0	15
68	Stereogenic properties of spiranes combined with four equivalent conventional centres of chirality. <i>Dalton Transactions</i> , 2007, , 2040-2047.	1.6	14
69	The new dispirobino and dispiroansa spermine derivatives of cyclotriphosphazenes. <i>Polyhedron</i> , 2010, 29, 1209-1218.	1.0	14
70	A Flame-Retardant and Insoluble Inorganic-Organic Hybrid Cathode Material Based on Polyphosphazene with Pyrene-Tetraone for Lithium Ion Batteries. <i>ACS Applied Energy Materials</i> , 2021, 4, 12487-12498.	2.5	14
71	PHOSPHORUS-NITROGEN COMPOUNDS. PART 70.1 AMINOLYSIS OF P-TRICHLORO-N-DICHLOROPHOSPHORYL MONOPHOSPHAZENE, C13P=N-P(O)Cl2. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1991, 56, 157-164.	0.8	13
72	Synthesis and Characterization of Novel Alkyl-Substituted Aryl Diphenylphosphinate Esters. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 1531-1537.	0.8	13

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73	Syntheses, characterizations, thermal and photophysical properties of cyclophosphazenes containing adamantane units. <i>Inorganica Chimica Acta</i> , 2013, 399, 219-226.	1.2	13
74	Ansa isomer selectivity in the reactions of cyclotetraphosphazene with octafluorohexane-1,6-diol. <i>Polyhedron</i> , 2013, 50, 364-373.	1.0	12
75	Synthesis and spectral properties of a hexameric pyrene-fluorene chromophore based on cyclotriphosphazene. <i>Polyhedron</i> , 2014, 81, 436-441.	1.0	12
76	The reactions of hexachlorocyclotriphosphazatriene with pyridine derivatives. <i>Heteroatom Chemistry</i> , 2006, 17, 57-60.	0.4	11
77	The investigation of stereogenic properties of cyclotriphosphazene derivatives with two different chiral centres. <i>Polyhedron</i> , 2011, 30, 1587-1594.	1.0	11
78	Structural and fluorescence properties of 2-naphthylamine substituted cyclotriphosphazenes. <i>Inorganica Chimica Acta</i> , 2014, 423, 489-495.	1.2	11
79	Structural and thermosensitive properties of novel octopus shape cyclotriphosphazenes. <i>Polyhedron</i> , 2010, 29, 2516-2521.	1.0	10
80	The investigation of structural and thermosensitive properties of new phosphazene derivative bearing glycol and aminoalcohol. <i>Inorganica Chimica Acta</i> , 2010, 363, 3721-3726.	1.2	10
81	The synthesis and characterization of 4-isopropylanilino derivatives of cyclotriphosphazene. <i>Inorganica Chimica Acta</i> , 2013, 405, 140-146.	1.2	10
82	Structural investigations of phosphorus-nitrogen compounds. 6. Relationships between molecular parameters in per-X-substituted bridged spermine derivatives and basicity constants $\log K_{a1}$ of substituents. <i>Acta Crystallographica Section B: Structural Science</i> , 2004, 60, 739-747.	1.8	9
83	Preparation and properties of multi-walled carbon nanotube/poly(organophosphazene) composites. <i>Journal of Materials Science</i> , 2013, 48, 201-212.	1.7	9
84	Structural investigations of phosphorus-nitrogen compounds. 5. Relationships between molecular parameters of 2,2-diphenyl-4,6-cis-oxytetra(ethyleneoxy)-4,6-R 2-cyclotriphosphazatrienes (R = Cl, Tj ETQq0 0 0 rgBTj/Overlock 10 Tf 50	1.8	9
	Section B: Structural Science, 2002, 58, 1067-1073.		
85	Synthesis and characterization of dicoumarol substituted cyclotriphosphazenes. <i>Inorganica Chimica Acta</i> , 2013, 398, 106-112.	1.2	8
86	Cyclotriphosphazene derivatives with three different chiral centres: Synthesis, characterization and investigation of their stereogenic properties. <i>Polyhedron</i> , 2013, 62, 250-259.	1.0	8
87	Reactions of ansa fluorodioxo cyclotriphosphazene derivatives with phenol. <i>Polyhedron</i> , 2014, 81, 777-787.	1.0	8
88	Crystal Structure of 2,4,4,6,6-Pentachloro-2-(2,4,6-trimethylphenoxy)cyclo-2.LAMBDA.5,4.LAMBDA.5,6.LAMBDA.5-triphosphazatriene.. <i>Analytical Sciences</i> , 2000, 16, 101-102.	0.8	7
89	Novel Water-Soluble Cyclotriphosphazene-Bodipy Conjugates: Synthesis, Characterization and Photophysical Properties. <i>Journal of Fluorescence</i> , 2019, 29, 1143-1152.	1.3	7
90	Dimorphism in 4,4,6,6-tetrachloro-2,2-(2,2-dimethylpropane-1,3-dioxy)cyclotriphosphazene and 6,6-dichloro-2,2:4,4-bis(2,2-dimethylpropane-1,3-dioxy)cyclotriphosphazene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2007, 63, o152-o156.	0.4	6

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91	Enantiotropic conformational polymorphism in 2,2,4,4-bis-(2-ä²,2-ä²-dimethylpropane-1-ä²,3-ä²-dioxy)-6,6-dichlorocyclotriphosphazene. CrystEngComm, 2011,113, 4102.		6
92	Nucleophilic substitution reactions of phenolphthalein with different substituted cyclotriphosphazene derivatives. Polyhedron, 2013, 63, 60-67.	1.0	6
93	The Reactions of Phenoxy Substituted Phosphazenes with 1,3-Propanediol and 3-Amino-1-propanol. Heterocycles, 2007, 71, 281.	0.4	5
94	N-[Bis(2,4,6-trimethylphenoxy)phosphinoyl]-P,P-tris(2,4,6-trimethylphenoxy)phosphazene. Acta Crystallographica Section C: Crystal Structure Communications, 2000, 56, 1404-1406.	0.4	4
95	Pyrene-BODIPY-substituted novel water-soluble cyclotriphosphazenes: synthesis, characterization, and photophysical properties. Turkish Journal of Chemistry, 2020, 44, 1-14.	0.5	4
96	PHOSPHORUS-NITROGEN COMPOUNDS. PART 67.1THE REACTIONS OF OCTACHLOROCYCLO-TETRAPHOSPHAZATETRAENE WITH DIETHYL BIS(HYDROXYMETHYL)MALONATE. COMPARISON OF PRODUCT TYPE AND OF THE31P,1H AND13C NUCLEAR MAGNETIC RESONANCE SPECTRA WITH THOSE OF THE DERIVATIVES OF PROPANE-1,3-DIOL AND 2,2-DIMETHYLPROPANE-1,3-DIOL. Phosphorus, Sulfur and Silicon and the Related Elements, 1991, 57, 95-102.	0.8	3
97	Conformational polymorphism in a chiral spiro-cis-ansa-bridged cyclotriphosphazene derivative. Acta Crystallographica Section C: Crystal Structure Communications, 2002, 58, o51-o54.	0.4	3
98	4,4,6,6-Tetrachloro-2-[(2,4-dimethylphenyl)sulfanyl]-<i>N</i>-[4-(2,2,4,4-tetrachloro-1,3,5,7,11-pentaaza-2-ä²⁵,4-ä²⁵]	0.2	3
99	Characterisation of temperature-dependent phase transitions in 2,2-trimethylenedioxy-4,4,6,6-tetrachlorocyclotriphosphazene, N3P3Cl4[O(CH2)3O]. Chemistry Central Journal, 2007, 1, 20.	2.6	2
100	Synthesis and characterization of aryltriphenylsilyl ethers and crystal structure of 2,4,6-tri-methylphenyl triphenylsilyl ether. Journal of Coordination Chemistry, 2013, 66, 1459-1466.	0.8	0