Anil J Elias

List of Publications by Year
in descending order

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62	994	361413	501196
papers	citations	20	28
		h-index	g-index

63	63	63	693
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Iodine catalyzed oxidation of alcohols and aldehydes to carboxylic acids in water: a metal-free route to the synthesis of furandicarboxylic acid and terephthalic acid. Green Chemistry, 2017, 19, 5548-5552.	9.0	64
2	Ring-Closing Metathesis Reactions of Terminal Alkene-Derived Cyclic Phosphazenes. Inorganic Chemistry, 2011, 50, 250-260.	4.0	58
3	Ansa versus Spiro Substitution of Cyclophosphazenes:Â Is Fluorination Essential for Ansa to Spiro Transformation of Cyclophosphazenes?. Inorganic Chemistry, 2003, 42, 3176-3182.	4.0	47
4	Synthesis and Reactions of Ethynylferrocene-Derived Fluoro- and Chlorocyclotriphosphazenes. Inorganic Chemistry, 2010, 49, 5753-5765.	4.0	42
5	Aerobic Oxidation of Primary Amines to Imines in Water using a Cobalt Complex as Recyclable Catalyst under Mild Conditions. Chemistry - A European Journal, 2018, 24, 15766-15771.	3.3	40
6	Syntheses of Novel Exo and Endo Isomers of Ansa-Substituted Fluorophosphazenes and Their Facile Transformations into Spiro Isomers in the Presence of Fluoride Ions. Inorganic Chemistry, 2000, 39, 3988-3994.	4.0	39
7	Preparation of the First Examples of Ansaâ^'Spiro Substituted Fluorophosphazenes and Their Structural Studies:Â Analysis of Câ^'HÂ·Â·Â·Fâ^'P Weak Interactions in Substituted Fluorophosphazenes. Inorganic Chemistry, 2003, 42, 7535-7543.	4.0	37
8	Ferrocenium Promoted Oxidation of Benzyl Amines to Imines Using Water as the Solvent and Air as the Oxidant. ACS Sustainable Chemistry and Engineering, 2019, 7, 479-486.	6.7	32
9	Perfluorinated cyclic phosphazenes. Advances in Inorganic Chemistry, 2001, 52, 335-358.	1.0	31
10	Palladacycles Based on 8-Aminoquinoline Carboxamides of Cobalt and Iron Sandwich Compounds and a New Method to Î±-Alkylate Cp Rings of Metal Sandwich Carboxamides. Organometallics, 2015, 34, 4946-4951.	2.3	26
11	Chemistry of the highly stable hindered cobalt sandwich compound (Î·5-Cp)Co(Î·4-C4Ph4) and its derivatives. Coordination Chemistry Reviews, 2016, 306, 115-170.	18.8	26
12	The Explosive Chemistry of Nitrogen. Resonance, 2019, 24, 1253-1271.	0.3	25
13	Catalytic Oxidation of Alcohols and Amines to Valueâ€Added Chemicals using Water as the Solvent. Chemistry - an Asian Journal, 2020, 15, 1916-1936.	3.3	24
14	NaCl as Catalyst and Water as Solvent: Highly E-Selective Olefination of Methyl Substituted N-Heteroarenes with Benzyl Amines and Alcohols. Organic Letters, 2020, 22, 5496-5501.	4.6	24
15	Palladacycles of novel bisoxazoline chelating ligands based on the dimeric cyclobutadiene linked cobalt sandwich compound [(Î·5-Cp)Co(Î·4-C4Ph3)]2. Dalton Transactions, 2011, 40, 4882.	3.3	23
16	Table salt as a catalyst for the oxidation of aromatic alcohols and amines to acids and imines in aqueous medium: effectively carrying out oxidation reactions in sea water. Green Chemistry, 2019, 21, 1929-1934.	9.0	23
17	Synthesis and Characterization of Novel Fluorophosphazene-Derived Cobaltacyclopentadienyl Metallacycles:â€‰ Reagents for Assembly of Aryl-Bridged Fluorophosphazenes. Inorganic Chemistry, 2006, 45, 7835-7842.	4.0	22
18	Synthesis, reactivity and structural studies of (Î·5-methylcyclopentadienyl)(Î·4-tetraphenylcyclobutadiene)cobalt and its derivatives. Journal of Organometallic Chemistry, 2008, 693, 3780-3786.	1.8	22

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19	Synthesis and Selectivity in the Formation of Cyclophosphazene-Derived 1,3-Cyclohexadienes from Reactions of RCpCo(COD) [R = MeOC(O)] with Alkynes and Alkenes. Inorganic Chemistry, 2008, 47, 3433-3441.	4.0	22
20	Chiral multidentate oxazoline ligands based on cyclophosphazene cores: synthesis, characterization and complexation studies. Dalton Transactions, 2014, 43, 13899-13912.	3.3	22
21	Borylation, silylation and selenation of Câ€“H bonds in metal sandwich compounds by applying a directing group strategy. New Journal of Chemistry, 2017, 41, 14528-14538.	2.8	22
22	Rutheniumâ€Catalyzed Synthesis of Î±â€Alkylated Ketones and Quinolines in an Aqueous Medium via a Hydrogenâ€Borrowing Strategy Using Ketones and Alcohols. Asian Journal of Organic Chemistry, 2021, 10, 626-633.	2.7	21
23	Selective Reactivity of the Phosphorusâ^'Chlorine and Carbonâ^'Chlorine Bonds in Cyclic Chlorocarbaphosphazenes:Â An Unusual Activation of a Carbonâ^'Nitrogen Bond in Trialkylaminesâ€. Inorganic Chemistry, 1997, 36, 2730-2745.	4.0	19
24	Oxidative Coupling of Benzylamines with Indoles in Aqueous Medium to Realize Bisâ€(Indolyl)Methanes Using a Waterâ€Soluble Cobalt Catalyst and Air as the Oxidant. Chemistry - an Asian Journal, 2019, 14, 4154-4159.	3.3	19
25	Ring opening of bicyclic tertiary amines with cyclic chlorocarbaphosphazenes: reactions of (ClCN)2(Cl2PN) with 1,4-diazabicyclo[2.2.2]octane and quinuclidineâ€Šâ€. Journal of the Chemical Society Dalton Transactions, 1999, , 1515.	1.1	18
26	Syntheses and Experimental Studies on the Relative Stabilities of Spiro, Ansa, and Bridged Derivatives of Cyclic Tetrameric Fluorophosphazene. Inorganic Chemistry, 2001, 40, 2120-2126.	4.0	18
27	Synthesis and Characterization of Ferrocene Derived Cyclic Carbaphosphazenes. Phosphorus, Sulfur and Silicon and the Related Elements, 2002, 177, 2513-2521.	1.6	14
28	Picolinamide as a Directing Group on Metal Sandwich Compounds: sp² Câ€“H Bond Activation and sp³ Câ€“H Bond Oxidation. Organometallics, 2017, 36, 1784-1794.	2.3	14
29	CYCLOCARBOPHOSPHAZENES: SYNTHESES, REACTIONS AND PROPERTIES. Phosphorus, Sulfur and Silicon and the Related Elements, 1998, 140, 203-226.	1.6	12
30	Novel ferrocene derived cyclocarbaphosphazenes: synthesis and structure of spiro {Fe(Î·-C5H5)-[Î·-C5H4CH2P(S)(CH2O)2PN]}(Me2NCN)2. Inorganic Chemistry Communication, 2000, 3, 29-31.	3.9	12
31	Reactions of [Î·5-carboxycyclopentadiene][Î·4-tetraphenylcyclo butadiene] cobalt with alkyl and aryl tin oxides: Synthesis, structural studies and electrochemistry of novel monomeric and dimeric [Î·5-carboxycyclopentadiene][Î·4-tetraphenylcyclobutadiene]cobalt based stannoxanes. Journal of Organometallic Chemistry, 2006, 691, 4708-4716.	1.8	12
32	Cyclopentadienyl 1,2- and 1,3-Disubstituted Cobalt Sandwich Compounds {Î·5-[MeOC(O)]2C5H3}Co(Î·4-C4Ph4): Precursors for Sterically Hindered Bidentate Chiral and Achiral Ligands. Organometallics, 2012, 31, 2059-2065.	2.3	12
33	Reactions of Alkyne- and Butadiyne-Derived Fluorinated Cyclophosphazenes with Diiron and Dimolybdenum Carbonyls. Inorganic Chemistry, 2014, 53, 10674-10684.	4.0	11
34	Reactions of Trialkylamines with the Cyclocarbaphosphazene Cl2PN(ClCN)2: Selectivity in the Cleavage of Alkyl Groups. Phosphorus, Sulfur and Silicon and the Related Elements, 2005, 180, 1785-1794.	1.6	10
35	Synthesis and reactions of new 1,2- and 1,3-cyclopentadienyl disubstituted cobalt sandwich compounds (Î·5-C5H3R2)Co(Î·4-C4Ph4) (R CH2OH, CHO, C CH, CH2N3, CH2NH2, CH2OAc, CH NPh). Journal of Organometallic Chemistry, 2012, 717, 99-107.	1.8	10
36	New Chiral Palladacycles from an Unprecedented Cyclopalladation of Cyclobutadiene-Bound Phenyl Groups of Cobalt Sandwich Compounds. Organometallics, 2014, 33, 1044-1052.	2.3	9

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37	Identification and characterization of intermediates in the formation of the cyclobutadiene linked dimeric cobalt sandwich compound [(${eta ^{5}}$ -RCp)Co(${eta^{4}}$ -C 4 Ph 3)] 2 [R ${=}$ H, CH 3 C(O)O]. Journal of Chemical Sciences, 2011, 123, 853-860.	1.5	8
38	Directing group enabled â€˜On-Waterâ€™ C H bond functionalization of ferrocene derivatives. Journal of Organometallic Chemistry, 2022, 964, 122303.	1.8	8
39	Syntheses and Reactions of the Fluorinated Cyclic Thionylphosphazene NSO(Ar)[NPF2]2(Ar =) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.0	7
40	Chemistry of diphenyltetrafluorophosphazene: Reactions with dilithiated diols. Journal of Fluorine Chemistry, 2006, 127, 1046-1053.	1.7	7
41	Synthesis of unsymmetrical multi-aroyl derivatives of ferrocene using palladium catalysed oxidative Câ€“H aroylation. Dalton Transactions, 2018, 47, 7229-7236.	3.3	7
42	Synthesis of (Î²-phenylethynyl)-gem-diphenyltrifluorocyclotriphosphazene and its reaction with RCpCo(PPh3)2 [R=MeOC(O)]. Inorganica Chimica Acta, 2011, 372, 175-182.	2.4	6
43	Synthesis and structural characterization of the first examples of butadiynyl derived cyclic fluorinated phosphazenes. Journal of Fluorine Chemistry, 2013, 153, 48-56.	1.7	6
44	External Catalystâ€Free Oxidation of Benzyl Halides to Benzoic Acids Using NaOH/TBHP in Water. Asian Journal of Organic Chemistry, 2021, 10, 2355-2359.	2.7	6
45	Investigations on the Cooperative Effects of Phosphines: A Case Study of the Reactions of S₄N₄, Ph₃P and Ph₂PR (R =) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422	0.2	5
46	Synthesis of Methyl Metallocenecarboxylates [{Î·4-Ph4â€“n(SiMe3)nC4}Co{Î·5-MeOC(O)C5H4}] (n = 1, 2) and Their Desilylation Reactions: Structural Studies and Conversion to Metallocenecarboxylic Acids and Their Alcohol Derivatives. European Journal of Inorganic Chemistry, 2006, 2006, 5022-5032.	2.0	5
47	Synthesis and characterization of difunctionalized derivatives ofÂtheÂcyclobutadiene linked dimeric cobalt sandwich compound [(Î·5-Cp)Co(Î·4-C4Ph3)]2. Journal of Organometallic Chemistry, 2012, 716, 208-215.	1.8	5
48	Synthesis, Spectral, and Structural Studies of Porphyrins Having Sterically Hindered [Î·5-CpCo(Î·4-C4Ph4)] Cobalt Sandwich Units at the Meso Positions. Inorganic Chemistry, 2013, 52, 12351-12366.	4.0	5
49	Picolinamide Assisted Oxidation of CH₂ Groups Bound to Organic and Organometallic Compounds Using Ferrocene as a Catalyst. Organometallics, 2019, 38, 2015-2021.	2.3	5
50	Reactions of allylzinc bromide with ethynylferrocene derived fluorinated cyclophosphazenes. Journal of Organometallic Chemistry, 2014, 768, 157-162.	1.8	4
51	Unprecedented Formation of Ï€-Copper Complexes during Sonogashira Coupling: Synthesis of a Unique, Recyclable, Ethynyl Ferrocene Derived Cu(I) Specific Ligand. Organometallics, 2016, 35, 1086-1091.	2.3	4
52	A Catalyst and Solvent Free Route for the Synthesis of Nâ€Substituted Pyrrolidones from Levulinic Acid. Chemistry - A European Journal, 2022, 28, .	3.3	4
53	Synthesis and Characterisation of Two Examples of Unsymmetrically Disubstituted (P-CH₃C₆H₄)₂PhPN-]. Phosphorus, Sulfur and Silicon and the Related Elements, 1989, 41, 367-372.	1.6	3
54	Molecule matters. Resonance, 2008, 13, 456-467.	0.3	3

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55	Chlorine and the Chemistry of Disinfectants. Resonance, 2021, 26, 341-366.	0.3	3
56	The Chemistry of Cyclic Carbaphosphazenes: The First Observation of (R2PN)(ClCN)2 (Râ•Cl, Ph) as a Reagent for the Conversion of Alcohols to Aldehydes, Ketones, and Alkyl Chlorides. Phosphorus, Sulfur and Silicon and the Related Elements, 2006, 181, 2445-2452.	1.6	2
57	Synthesis and Characterization of Novel Pyrazoleâ€Based Ligands of [Î·⁵â€Cyclopentadiene][Î·⁴â€Tetraphenylcyclobutadiene]Cobalt. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2007, 37, 729-733.	0.6	2
58	Reduction reactions of alkyne and butadiyne derived fluorinated cyclophosphazenes. Journal of Fluorine Chemistry, 2014, 166, 69-77.	1.7	2
59	Novel reactions of cyclocarbaphosphazenes and cyclocarbathiazenes. Journal of Chemical Sciences, 1999, 111, 453-459.	1.5	2
60	SYNTHESIS OF 1,3-DICHLORO 1,2,3,3-TETRAMETHYL, 1-VINYL DISILAZANE AND ITS REACTIONS WITH PRIMARY AMINES. Phosphorus, Sulfur and Silicon and the Related Elements, 1997, 130, 211-216.	1.6	1
61	Chemistry of cyclodicarbaphosphatriazene: Synthesis and structural studies of pentaerythritoxy-bridged and lariat ether type spirocyclic derivatives. Inorganica Chimica Acta, 2008, 361, 1929-1936.	2.4	1
62	Synthesis and characterization of the first examples of ferrocene and [Î·5-CpCo(Î·4-C4Ph4)] derived 2-pyridones. Inorganic Chemistry Communication, 2013, 35, 346-350.	3.9	1