

Charles T O'hara

List of Publications by Year in descending order

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66
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218677

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#	ARTICLE	IF	CITATIONS
1	Facile Access to Hetero- α -poly- α -functional Arenes and meta - α -Substituted Arenes via Two-Step Dimetalation and Mg/Halogen-Exchange Protocol. <i>Chemistry - A European Journal</i> , 2021, 27, 4134-4140.	3.3	0
2	Structural Studies of Donor-Free and Donor-Solvated Sodium Carboxylates. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1615-1622.	2.0	2
3	Progressing the Frustrated Lewis Pair Abilities of N-Heterocyclic Carbene/ GaR_3 Combinations for Catalytic Hydroboration of Aldehydes and Ketones. <i>Inorganic Chemistry</i> , 2021, 60, 13784-13796.	4.0	9
4	Critical Ligand and Salt Effects in Organomagnesium-Promoted 3,3-Disubstituted Phthalides Synthesis from 2-Iodobenzoate Derivatives. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 4835-4845.	2.4	1
5	Structural and metal-halogen exchange reactivity studies of sodium magnesium biphenolate complexes. <i>Dalton Transactions</i> , 2020, 49, 5257-5263.	3.3	9
6	Ultrafast amidation of esters using lithium amides under aerobic ambient temperature conditions in sustainable solvents. <i>Chemical Science</i> , 2020, 11, 6500-6509.	7.4	33
7	Selective mono- and dimetalation of a group 3 sandwich complex. <i>Chemical Communications</i> , 2019, 55, 9677-9680.	4.1	4
8	s-Block cooperative catalysis: alkali metal magnesium-catalysed cyclisation of alkynols. <i>Chemical Science</i> , 2019, 10, 5821-5831.	7.4	25
9	Introducing Glycerol as a Sustainable Solvent to Organolithium Chemistry: Ultrafast Chemoselective Addition of Aryllithium Reagents to Nitriles under Air and at Ambient Temperature. <i>Chemistry - A European Journal</i> , 2018, 24, 1720-1725.	3.3	53
10	Exploring the solid state and solution structural chemistry of the utility amide potassium hexamethyldisilazide (KHMDS). <i>Dalton Transactions</i> , 2017, 46, 6392-6403.	3.3	20
11	Monodentate coordination of the normally chelating chiral diamine (R,R)-TMEDA. <i>Chemical Communications</i> , 2017, 53, 324-327.	4.1	8
12	Templated deprotonative metalation of polyaryl systems: Facile access to simple, previously inaccessible multi-iodoarenes. <i>Science Advances</i> , 2017, 3, e1700832.	10.3	23
13	Structural Studies of Cesium, Lithium/Cesium, and Sodium/Cesium Bis(trimethylsilyl)amide (HMDS) Complexes. <i>Inorganic Chemistry</i> , 2016, 55, 5719-5728.	4.0	43
14	Synthetic and reactivity studies of hetero-tri-anionic sodium zincates. <i>Dalton Transactions</i> , 2016, 45, 6222-6233.	3.3	5
15	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and α -Paranormal Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14075-14079.	13.8	36
16	Structural Studies of (rac)-BIPHEN Organomagnesiates and Intermediates in the Halogen-Metal Exchange of 2-Bromopyridine. <i>Organometallics</i> , 2015, 34, 2550-2557.	2.3	22
17	Solid state and solution studies of lithium tris(n-butyl)magnesiates stabilised by Lewis donors. <i>Dalton Transactions</i> , 2015, 44, 7258-7267.	3.3	8
18	Synthetic and Structural Studies of Mixed Sodium Bis(trimethylsilyl)amide/Sodium Halide Aggregates in the Presence of Li^2 -, Li^3 -, Li^4 -, and Li^4 -Donor Ligands. <i>Inorganic Chemistry</i> , 2015, 54, 9833-9844.	4.0	20

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19	Synthesis of an alkylmagnesium amide and interception of a ring-opened isomer of the important utility amide 2,2,6,6-tetramethylpiperidide (TMP). <i>Inorganica Chimica Acta</i> , 2014, 411, 1-4.	2.4	5
20	Directed ortho-meta ²⁻ - and meta-meta ²⁻ <i>cis-cis</i> dimetalations: A template base approach to deprotonation. <i>Science</i> , 2014, 346, 834-837.	12.6	173
21	Complexity in seemingly simple sodium magnesiate systems. <i>Dalton Transactions</i> , 2014, 43, 14424-14431.	3.3	19
22	Dehydromethylation of alkali metal salts of the utility amide 2,2,6,6-tetramethylpiperidide (TMP). <i>Chemical Communications</i> , 2014, 50, 10588.	4.1	10
23	Pre-inverse-crowns: synthetic, structural and reactivity studies of alkali metal magnesiates primed for inverse crown formation. <i>Chemical Science</i> , 2014, 5, 771-781.	7.4	64
24	Optimisation of a lithium magnesiate for use in the non-cryogenic asymmetric deprotonation of prochiral ketones. <i>Dalton Transactions</i> , 2014, 43, 1408-1412.	3.3	6
25	Structural elucidation of homometallic anthracenolates synthesised via deprotonative metallation of anthrone. <i>Dalton Transactions</i> , 2013, 42, 2512-2519.	3.3	3
26	Evaluating <i>cis-cis</i> -2,6-Dimethylpiperidide (<i>cis-cis</i> -DMP) as a Base Component in Lithium-Mediated Zincation Chemistry. <i>Chemistry - A European Journal</i> , 2013, 19, 13492-13503.	3.3	24
27	<i>cis-cis</i> -Poly[sodium- ^{1/4} -(<i>cis-cis</i>)- <i>cis-cis</i> -2,6-tetramethylethane-1,2-diamine]- ²⁻ <i>Inorganic Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, m1468-m1468.	0.2	11
28	Single electron transfer (SET) activity of the dialkyl-amido sodium zincate [(TMEDA)Na(^{1/4} -TMP)(^{1/4} - ^t Bu)Zn(^t Bu)] towards TEMPO and chalcone. <i>Chemical Communications</i> , 2012, 48, 1541-1543.	4.1	25
29	Synthesis and structural elucidation of a rare example of a tris(amido) potassium magnesiate. <i>Inorganica Chimica Acta</i> , 2012, 384, 154-157.	2.4	8
30	Remote functionalisation via sodium alkylamidozincate intermediates: access to unusual fluorenone and pyridyl ketone reactivity patterns. <i>Chemical Communications</i> , 2011, 47, 3772.	4.1	19
31	Synthesis and structural chemistry of alkali metal tris(HMDS) magnesiates containing chiral diamine donor ligands. <i>Dalton Transactions</i> , 2011, 40, 5332.	3.3	19
32	<i>Meta</i> -metallation of <i>cis-cis</i> -dimethylaniline: Contrasting direct sodium-mediated zincation with indirect sodiation-dialkylzinc co-complexation. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 1234-1248.	2.2	22
33	Mixed Lithium Amide-Lithium Halide Compounds: Unusual Halide-Deficient Amido Metal Anionic Crowns. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8375-8378.	13.8	26
34	Sodium-Mediated Magnesiation of Thiophene and Tetrahydrothiophene: Structural Contrasts with Furan and Tetrahydrofuran. <i>Chemistry - A European Journal</i> , 2010, 16, 8600-8604.	3.3	29
35	Structural elaboration of the surprising ortho-zincation of benzyl methyl ether. <i>Chemical Communications</i> , 2010, 46, 2319.	4.1	15
36	<i>cis</i> -2,6-Dimethylpiperidide: a structural mimic for TMP (2,2,6,6-tetramethylpiperidide) or DA (diisopropylamide)? <i>Dalton Transactions</i> , 2010, 39, 511-519.	3.3	18

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37	Structural Elucidation of tmeda-Solvated Alkali Metal Diphenylamide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 5029-5035.	2.0	24
38	Synergic Synthesis of Benzannulated Zincabicyclic Complexes, λ -Zincated N Ylides, through Sodium-TMEDA-Mediated Zincation of a Haloarene. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8675-8678.	13.8	21
39	Structural Variations within Group 1 (Li ⁺ /Cs ⁺) (2,2,6,6-Tetramethyl-1-piperidinyloxy) Complexes Made via Metallic Reduction of the Nitroxyl Radical. <i>Inorganic Chemistry</i> , 2009, 48, 6934-6944.	4.0	23
40	Reactions of (λ)-sparteine with alkali metal HMDS complexes: conventional meets the unconventional. <i>Chemical Communications</i> , 2009, , 5835.	4.1	26
41	A Structural and Computational Study of Synthetically Important Alkali-Metal/Tetramethylpiperidide (TMP) Amine Solvates. <i>Chemistry - A European Journal</i> , 2008, 14, 8025-8034.	3.3	47
42	Structurally Defined Reactions of Sodium TMP-Zincate with Nitrile Compounds: Synthesis of a Salt-Like Sodium Sodiumdizincate and Other Unexpected Ion-Pair Products. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 731-734.	13.8	44
43	Unmasking Representative Structures of TMP-Active Hauser and Turbo-Hauser Bases. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8079-8081.	13.8	114
44	Synthetic and structural investigations of alkali metal diamine bis(phenolate) complexes. <i>Dalton Transactions</i> , 2008, , 1295.	3.3	37
45	Isolation and characterisation of a (λ)-sparteine coordinated mixed alkyl/amido sodium magnesiate, a chiral variant of an important utility ate base. <i>Dalton Transactions</i> , 2008, , 4975.	3.3	21
46	Transamination chemistry of sodium TMP-zincate: synthesis and crystal structure of a chiral amidozincate. <i>Chemical Communications</i> , 2008, , 187-189.	4.1	28
47	Synthesis and Structure of a Molecular Barium Aminebis(phenolate) and Its Application as an Initiator for Ring-Opening Polymerization of Cyclic Esters. <i>Inorganic Chemistry</i> , 2007, 46, 7686-7688.	4.0	64
48	Organometallic Polymers Assembled from Cation- π Interactions: Use of Ferrocene as a Ditopic Linker Within the Homologous Series $[(\text{Me}_3\text{Si})_2\text{NM}]_2\text{M}(\text{Cp}_2\text{Fe})_2$ (M=Na, K, Rb, Cs; Cp=cyclopentadienyl). <i>Chemistry - A European Journal</i> , 2007, 13, 4418-4432.	3.3	55
49	Synthesis and structural characterisation of mixed alkali metal-magnesium mixed ligand alkyl-amido ate complexes. <i>Inorganica Chimica Acta</i> , 2007, 360, 1370-1375.	2.4	25
50	Building an extended inverse crown motif via alkali-metal-mediated λ -magnesiumation of furan. <i>Chemical Communications</i> , 2006, , 417-419.	4.1	35
51	The synthesis and characterisation of a magnesium amine bis(phenolate) complex as a potential initiator for the ring-opening polymerisation of cyclic esters. <i>Main Group Chemistry</i> , 2006, 5, 3-12.	0.8	9
52	A polymeric solvent-free variant of a hydridomagnesium inverse crown. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m366-m368.	0.4	26
53	Alkali-Metal-Mediated Zincation of Polycyclic Aromatic Hydrocarbons: Synthesis and Structures of Mono- and Dizincated Naphthalenes. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6548-6550.	13.8	62
54	Selective Meta-Deprotonation of Toluene by Using Alkali-Metal-Mediated Magnesiumation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3459-3462.	13.8	99

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55	Stoichiometrically-controlled reactivity and supramolecular storage of butylmagnesiato anions. <i>Chemical Communications</i> , 2005, , 1131.	4.1	29
56	Isolation and characterisation of the mixed-metal alkyl amide [(TMEDA)Na($\frac{1}{4}$ -Bu)($\frac{1}{4}$ -TMP)Mg(TMP)], an unexpected chelate-trapped intermediate in the formation of inverse crowns. <i>Chemical Communications</i> , 2004, , 2422-2423.	4.1	68
57	A Homologous Series of Regioselectively Tetradeprotonated Group 8 Metallocenes: A New Inverse Crown Ring Compounds Synthesized via a Mixed Sodium-Magnesium Tris(diisopropylamide) Synergic Base. <i>Journal of the American Chemical Society</i> , 2004, 126, 11612-11620.	13.7	110
58	Synthesis, Structure and Theoretical Studies of the Hydrido Inverse Crown [K ₂ Mg ₂ (NiPr ₂) ₄ ($\frac{1}{4}$ -H) ₂ (toluene) ₂]: a Rare Example of a Molecular Magnesium Hydride with a Mg-($\frac{1}{4}$ -H)-Mg Double Bridge. <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3354-3362.	2.0	71
59	Synthesis of the mixed lithium-potassium (bis)magnesium N-metallated/N, C-dimetallated amide [Li ₂ K ₂ Mg ₄ {But(Me ₃ Si)N} ₄ {But[Me ₂ (H ₂ C)Si]N} ₄]: an inverse crown molecule with an atomless cavity. Electronic supplementary information (ESI) available: NMR spectra. See http://www.rsc.org/suppdata/cc/b3/b301374/i/ . <i>Chemical Communications</i> , 2003, , 1140-1141.	4.1	12
60	Hydride encapsulation in s-block metal inverse crown chemistry. <i>Chemical Communications</i> , 2002, , 376-377.	4.1	98
61	Alkoxide binding in inverse crown chemistry: rational synthesis of a series of composite alkali metal-magnesium-alkoxide-diisopropylamides. <i>Chemical Communications</i> , 2002, , 1176-1177.	4.1	37
62	Hexameric Mg-O Stacks with Six THF-Solvated Sodium Amide Appendages: A Super-Variants of Inverse Crown Ethers Generated by Cleavage of THF. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2382-2384.	13.8	23
63	Trimagnesium-bridged trinuclear ferrocenophanes cocomplexed with solvated mononuclear alkali metal amide molecules. <i>Chemical Communications</i> , 2001, , 1678-1679.	4.1	48
64	Regioselective Tetrametalation of Ferrocene in a Single Reaction: Extension of s-Block Inverse Crown Chemistry to the d-Block. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3902-3905.	13.8	108
65	Regioselective Tetrametalation of Ferrocene in a Single Reaction: Extension of s-Block Inverse Crown Chemistry to the d-Block This work was supported by the UK Engineering and Physical Science Research Council through grant award no GR/M78113.. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3902-3905.	13.8	3
66	Synergistic effects in the activation of small molecules by s-block elements. <i>Organometallic Chemistry</i> , 0, , 1-26.	0.6	19