

Robert E Mulvey

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

349
papers

11,448
citations

52
h-index

82
g-index

375
ext. papers

12,297
ext. citations

7.7
avg. IF

6.57
L-index

#	Paper	IF	Citations
349	Structural Evidence for Synergistic Bimetallic Main Group Bases 2022 , 49-95		
348	Rücktitelbild: Isomerisierungsreaktionen in anionischen mesoionischen Carbenboraten und Kontrolle der Eigenschaften und Reaktivität in den entstehenden Co II -Komplexen durch agostische Wechselwirkungen (Angew. Chem. 1/2021). <i>Angewandte Chemie</i> , 2021 , 133, 520-520	3.6	
347	Structurally Defined Ring-Opening and Insertion of Pinacolborane into Aluminium-Nitrogen Bonds of Sterically Demanding Dialkylaluminium Amides. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 50-53	2.3	1
346	Structural Studies of Donor-Free and Donor-Solvated Sodium Carboxylates. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1615-1622	2.3	0
345	Alkali Metal (Li, Na, K, Rb, Cs) Mediation in Magnesium Hexamethylsilazide [Mg(HMDS) ₂] Catalysed Transfer Hydrogenation of Alkenes. <i>ChemCatChem</i> , 2021 , 13, 2371-2378	5.2	7
344	Expected and Unexpected Reactivities of Homoleptic LiNaCNaC and Heteroleptic NaCNaCMg(TMP) Diketiminates toward Various Small Unsaturated Organic Molecules. <i>Inorganic Chemistry</i> , 2021 , 60, 6057-6064	5.1	1
343	Alkali-Metal Mediation: Diversity of Applications in Main-Group Organometallic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9247-9262	16.4	46
342	Solvation Effects on the Structure and Stability of Alkali Metal Carbenoids. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 493-498	16.4	1
341	Alkalimetall-Mediatoren: Vielfältige Anwendungen in der metallorganischen Chemie der Hauptgruppenelemente. <i>Angewandte Chemie</i> , 2021 , 133, 9331-9348	3.6	11
340	Isomerization Reactions in Anionic Mesoionic Carbene-Borates and Control of Properties and Reactivities in the Resulting Co Complexes through Agostic Interactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 499-506	16.4	6
339	Lösungsmiteleinflüsse auf die Struktur und Stabilität von Alkalimetallcarbenoiden. <i>Angewandte Chemie</i> , 2021 , 133, 498-504	3.6	0
338	Isomerisierungsreaktionen in anionischen mesoionischen Carbenboraten und Kontrolle der Eigenschaften und Reaktivität in den entstehenden CoII-Komplexen durch agostische Wechselwirkungen. <i>Angewandte Chemie</i> , 2021 , 133, 505-513	3.6	0
337	When Electrons Step in: Polarizing Effects Explored with Triisobutylaluminum. <i>Inorganic Chemistry</i> , 2021 , 60, 2872-2877	5.1	1
336	Reactivity studies and structural outcomes of a bulky dialkylaluminium amide in the presence of the N-heterocyclic carbene, ItBu. <i>Polyhedron</i> , 2021 , 209, 115469	2.7	1
335	Structural Similarity in a Series of Alkali Metal Aluminates with Heteroleptic tert-Butoxide β obutyl Ligand Sets. <i>European Journal of Inorganic Chemistry</i> , 2020 , 2020, 2912-2918	2.3	0
334	A regioselectively 1,1',3,3'-tetrazincated ferrocene complex displaying core and peripheral reactivity. <i>Chemical Science</i> , 2020 , 11, 6510-6520	9.4	7
333	Synthesis, Structure, and DFT Analysis of the THF Solvate of 2-Picolylithium: A 2-Picolylithium Solvate with Significant Carbanionic Character. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2020 , 646, 726-733	1.3	2

332	Diverse outcomes of CO fixation using alkali metal amides including formation of a heterobimetallic lithium-sodium carbamate-anhydride via lithium-sodium bis-hexamethyldisilazide. <i>Chemical Communications</i> , 2019 , 55, 1478-1481	5.8	5
331	Alkali-Metal-Mediated Synergistic Effects in Polar Main Group Organometallic Chemistry. <i>Chemical Reviews</i> , 2019 , 119, 8332-8405	68.1	100
330	Selective mono- and dimetallation of a group 3 sandwich complex. <i>Chemical Communications</i> , 2019 , 55, 9677-9680	5.8	3
329	Lithium-Aluminate-Catalyzed Hydrophosphination Applications. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12291-12296	16.4	26
328	Lithium-Aluminate-Catalyzed Hydrophosphination Applications. <i>Angewandte Chemie</i> , 2019 , 131, 12419-12424	12.4	6
327	Backbone Reactivity of Lithium Diketiminate (NacNac) Complexes with CO, tBuNCO and iPrNCO. <i>Chemistry - A European Journal</i> , 2019 , 25, 14728-14734	4.8	8
326	Alkali Metal Effects in Trans-Metal-Trapping (TMT): Comparing LiTMP with NaTMP in Cooperative MTMP/Ga(CH ₂ SiMe ₃) ₃ Metallation Reactions. <i>Synthesis</i> , 2019 , 51, 1207-1215	2.9	8
325	Donor-influenced Structure-Activity Correlations in Stoichiometric and Catalytic Reactions of Lithium Monoamido-Monohydrido-Dialkylaluminates. <i>Chemistry - A European Journal</i> , 2018 , 24, 9940-9948	4.8	43
324	Lithium diamidodihydridoaluminates: bimetallic cooperativity in catalytic hydroboration and metallation applications. <i>Chemical Communications</i> , 2018 , 54, 1233-1236	5.8	85
323	Trans-Metal-Trapping: Concealed Crossover Complexes En Route to Transmetallation?. <i>Chemistry - A European Journal</i> , 2018 , 24, 7786-7793	4.8	17
322	Contrasting Synergistic Heterobimetallic (Na-Mg) and Homometallic (Na or Mg) Bases in Metallation Reactions of Dialkylphenylphosphines and Dialkylanilines: Lateral versus Ring Selectivities. <i>Chemistry - A European Journal</i> , 2018 , 24, 15669-15677	4.8	5
321	Comparing Neutral (Monometallic) and Anionic (Bimetallic) Aluminum Complexes in Hydroboration Catalysis: Influences of Lithium Cooperation and Ligand Set. <i>Angewandte Chemie</i> , 2018 , 130, 10811-10815	3.6	20
320	Comparing Neutral (Monometallic) and Anionic (Bimetallic) Aluminum Complexes in Hydroboration Catalysis: Influences of Lithium Cooperation and Ligand Set. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10651-10655	16.4	64
319	Contrasting the group 6 metal-metal bonding in sodium dichromate(ii) and sodium dimolybdate(ii) polymethyl complexes: synthetic, X-ray crystallographic and theoretical studies. <i>Dalton Transactions</i> , 2017 , 46, 5650-5659	4.3	1
318	Lithium Dihydropyridine Dehydrogenation Catalysis: A Group 1 Approach to the Cyclization of Diamine Boranes. <i>Angewandte Chemie</i> , 2017 , 129, 1056-1061	3.6	9
317	Lithium Dihydropyridine Dehydrogenation Catalysis: A Group 1 Approach to the Cyclization of Diamine Boranes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 1036-1041	16.4	24
316	1-Alkali-metal-2-alkyl-1,2-dihydropyridines: Soluble Hydride Surrogates for Catalytic Dehydrogenative Coupling and Hydroboration Applications. <i>Chemistry - A European Journal</i> , 2017 , 23, 16853-16861	4.8	31
315	LiTMP Trans-Metal-Trapping of Fluorinated Aromatic Molecules: A Comparative Study of Aluminum and Gallium Carbanion Traps. <i>Angewandte Chemie</i> , 2017 , 129, 9694-9698	3.6	13

314	LiTMP Trans-Metal-Trapping of Fluorinated Aromatic Molecules: A Comparative Study of Aluminum and Gallium Carbanion Traps. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 9566-9570	16.4	29
313	Transforming LiTMP Lithiation of Challenging Diazines through Gallium Alkyl Trans-Metal-Trapping. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13147-13150	16.4	28
312	Transforming LiTMP Lithiation of Challenging Diazines through Gallium Alkyl Trans-Metal-Trapping. <i>Angewandte Chemie</i> , 2016 , 128, 13341-13344	3.6	15
311	Revealing the remarkable structural diversity of the alkali metal transfer agents of the trans-calix[2]benzene[2]pyrrolide ligand. <i>Chemical Communications</i> , 2016 , 52, 12199-12201	5.8	1
310	Accessible heavier s-block dihydropyridines: structural elucidation and reactivity of isolable molecular hydride sources. <i>Dalton Transactions</i> , 2016 , 45, 6234-40	4.3	6
309	Tetraamine Me6TREN induced monomerization of alkali metal borohydrides and aluminohydrides. <i>Polyhedron</i> , 2016 , 103, 94-99	2.7	12
308	Exposing elusive cationic magnesium-chloro aggregates in aluminate complexes through donor control. <i>Dalton Transactions</i> , 2016 , 45, 5590-7	4.3	20
307	Structural Diversity in Alkali Metal and Alkali Metal Magnesiates Chemistry of the Bulky 2,6-Diisopropyl-N-(trimethylsilyl)anilino Ligand. <i>Chemistry - A European Journal</i> , 2016 , 22, 14968-14978	4.8	17
306	Heterobimetallic metallation studies of N,N-dimethylphenylethylamine (DMPEA): benzylic C-H bond cleavage/dimethylamino capture or intact DMPEA complex. <i>Dalton Transactions</i> , 2015 , 44, 5875-8743	4.3	12
305	Facile synthesis of a genuinely alkane-soluble but isolable lithium hydride transfer reagent. <i>Chemical Communications</i> , 2015 , 51, 5452-5	5.8	36
304	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and Paranormal Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie</i> , 2015 , 127, 14281-14285	3.6	13
303	Rücktitelbild: Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and Paranormal Reactivity in a Single Tritopic Molecule (<i>Angew. Chem.</i> 47/2015). <i>Angewandte Chemie</i> , 2015 , 127, 14398-14398	3.6	
302	Developing lithium chemistry of 1,2-dihydropyridines: from kinetic intermediates to isolable characterized compounds. <i>Chemistry - A European Journal</i> , 2015 , 21, 14410-20	4.8	16
301	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and "Paranormal" Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14075-9	16.4	33
300	Adding a Structural Context to the Deprotometalation and Trans-Metal Trapping Chemistry of Phenyl-Substituted Benzotriazole. <i>Chemistry - A European Journal</i> , 2015 , 21, 14812-22	4.8	15
299	Structurally Defined Zincated and Aluminated Complexes of Ferrocene Made by Alkali-Metal Synergistic Syntheses. <i>Organometallics</i> , 2015 , 34, 2580-2589	3.8	33
298	Mixed Lithium Complexes: Structure and Application in Synthesis 2014 , 123-150		1
297	Organozinc pivalate reagents: segregation, solubility, stabilization, and structural insights. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2706-10	16.4	69

296	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	2.7	5
295	Strong bases. Directed ortho-meta'- and meta-meta'-dimetalations: a template base approach to deprotonation. <i>Science</i> , 2014 , 346, 834-7	33.3	149
294	TMP (2,2,6,6-tetramethylpiperidide)-aluminate bases: lithium-mediated alumination or lithiation/alkylaluminium-trapping reagents?. <i>Chemical Science</i> , 2014 , 5, 3031-3045	9.4	57
293	Donor-activated alkali metal dipyridylamides: co-complexation reactions with zinc alkyls and reactivity studies with benzophenone. <i>Dalton Transactions</i> , 2014 , 43, 14409-23	4.3	9
292	Lithium, sodium and potassium picolyl complexes: syntheses, structures and bonding. <i>Dalton Transactions</i> , 2014 , 43, 14265-74	4.3	30
291	Dehydromethylation of alkali metal salts of the utility amide 2,2,6,6-tetramethylpiperidide (TMP). <i>Chemical Communications</i> , 2014 , 50, 10588-91	5.8	10
290	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	9.4	55
289	Organozinc Pivalate Reagents: Segregation, Solubility, Stabilization, and Structural Insights. <i>Angewandte Chemie</i> , 2014 , 126, 2744-2748	3.6	36
288	Di-tert-butylzinc 2014 , 1-4		1
287	Modifying alkylzinc reactivity with 2,2'-dipyridylamide: activation of tBu-Zn bonds for para-alkylation of benzophenone. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 7190-3	16.4	21
286	Contrasting Reactivity of Mono- versus Bis-2,2,6,6-tetramethylpiperidide Lithium Aluminates Towards Polydentate Lewis Bases: Co-Complexation Versus Deprotonation. <i>Australian Journal of Chemistry</i> , 2013 , 66, 1189	1.2	11
285	Donor-Activated Lithiation and Sodiation of Trifluoromethylbenzene: Structural, Spectroscopic, and Theoretical Insights. <i>Organometallics</i> , 2013 , 32, 5481-5490	3.8	13
284	A hetero-alkali-metal version of the utility amide LDA: lithium-potassium diisopropylamide. <i>Dalton Transactions</i> , 2013 , 42, 3704-11	4.3	13
283	Monomerizing alkali-metal 3,5-dimethylbenzyl salts with tris(N, N-dimethyl-2-aminoethyl)amine (Me6TREN): structural and bonding implications. <i>Inorganic Chemistry</i> , 2013 , 52, 12023-32	5.1	35
282	Synthetically important alkali-metal utility amides: lithium, sodium, and potassium hexamethyldisilazides, diisopropylamides, and tetramethylpiperidides. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 11470-87	16.4	138
281	An alternative picture of alkali-metal-mediated metallation: cleave and capture chemistry. <i>Dalton Transactions</i> , 2013 , 42, 6676-93	4.3	73
280	FascinATES: Mixed-Metal Ate Compounds That Function Synergistically. <i>Topics in Organometallic Chemistry</i> , 2013 , 129-158	0.6	19
279	Structural elucidation of homometallic anthracenolates synthesised via deprotonative metallation of anthrone. <i>Dalton Transactions</i> , 2013 , 42, 2512-9	4.3	3

- 278 Evaluating cis-2,6-dimethylpiperidide (cis-DMP) as a base component in lithium-mediated zincation chemistry. *Chemistry - A European Journal*, **2013**, 19, 13492-503 4.8 24
- 277 Modifying Alkylzinc Reactivity with 2,2'-Dipyridylamide: Activation of tBu₂Zn Bonds for para-Alkylation of Benzophenone. *Angewandte Chemie*, **2013**, 125, 7331-7334 3.6 5
- 276 Concealed cyclotrimeric polymorph of lithium 2,2,6,6-tetramethylpiperidide unconcealed: X-ray crystallographic and NMR spectroscopic studies. *Chemistry - A European Journal*, **2013**, 19, 14069-75 4.8 31
- 275 Nützliche Alkalimetallamide für die Synthese: Lithium-, Natrium- und Kaliumhexamethyldisilazide, -diisopropylamide und -tetramethylpiperidide. *Angewandte Chemie*, **2013**, 125, 11682-11700 3.6 46
- 274 Modern Developments in Magnesium Reagent Chemistry for Synthesis. *Topics in Organometallic Chemistry*, **2013**, 103-139 0.6 36
- 273 After-effects of lithium-mediated aluminations of 3-iodoanisole: isolation of molecular salt elimination and trapped-benzyne products. *Dalton Transactions*, **2012**, 41, 1832-9 4.3 19
- 272 Regioselective heterohalogenation of 4-halo-anisoles via a series of sequential ortho-aluminations and electrophilic halogenations. *Chemical Communications*, **2012**, 48, 4674-6 5.8 22
- 271 Ambient temperature zincation of N-Boc pyrrolidine and its solvent dependency. *Chemical Communications*, **2012**, 48, 5265-7 5.8 16
- 270 Accessing low denticity coordination modes of a high denticity tripodal ligand to complete its coordinative repertoire. *Dalton Transactions*, **2012**, 41, 10141-4 4.3 12
- 269 Single electron transfer (SET) activity of the dialkyl-amido sodium zincate [(TMEDA)Na(THMP)(tBu)Zn(tBu)] towards TEMPO and chalcone. *Chemical Communications*, **2012**, 48, 1541-3 5.8 21
- 268 Adding Rubidium and Cesium to the Homologous Series of Alkali Metal Compounds of (Trimethylsilyl)methanides and 2,2,6,6-Tetramethylpiperidides. *European Journal of Inorganic Chemistry*, **2012**, 2012, 2989-2994 2.3 12
- 267 Dizincation of a 2-Substituted Thiophene: Constructing a Cage with a [16]Crown-4 Zincocyclic Core. *Angewandte Chemie*, **2012**, 124, 7040-7043 3.6 4
- 266 Dizincation of a 2-substituted thiophene: constructing a cage with a [16]crown-4 zincocyclic core. *Angewandte Chemie - International Edition*, **2012**, 51, 6934-7 16.4 13
- 265 Opening the black box of mixed-metal TMP metallating reagents: direct cadmium or lithium-cadmium transmetallation?. *Chemical Science*, **2012**, 3, 2700 9.4 30
- 264 catena-Poly[sodium-2-(N,N,N',N'-tetra-methyl-ethane-1,2-diamine)-2] N:N'-sodium-bis-[2-bis-(trimethyl-sil-yl)aza-nido-2] N:N]]. *Acta Crystallographica Section E: Structure Reports Online*, **2012**, 68, m1468 9
- 263 Structurally powered synergic 2,2,6,6-tetramethylpiperidine bimetallics: new reflections through lithium-mediated ortho aluminations. *Inorganic Chemistry*, **2011**, 50, 12241-51 5.1 37
- 262 Concerning the Structures of Alkali-Metal-Mediated ortho Zincation of Benzamides and Phenyl O-Carbamate. *Organometallics*, **2011**, 30, 145-152 3.8 27
- 261 Meta-metallation of N,N-dimethylaniline: Contrasting direct sodium-mediated zincation with indirect sodiation-dialkylzinc co-complexation. *Beilstein Journal of Organic Chemistry*, **2011**, 7, 1234-48 2.5 19

260	A μ -oxide-containing a dimeric variant of a sodium dialkyl(amido)zincate reagent. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011 , 67, m252-4		2
259	Synthesis and Structures of [(Trimethylsilyl)methyl]sodium and -potassium with Bi- and Tridentate N-Donor Ligands. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 721-726	2.3	34
258	N-Heterocyclic-Carbene-Induced Monomerization of Sterically Encumbered Dialkylmagnesium and Dialkylmanganese Polymers. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 4675-4679	2.3	45
257	Mixed Lithium Amide-Lithium Halide Compounds: Unusual Halide-Deficient Amido Metal Anionic Crowns. <i>Angewandte Chemie</i> , 2011 , 123, 8525-8528	3.6	9
256	Gespaltene Persönlichkeit von Lithiumchlorid: Salzeffekte in metallorganischen Synthesen. <i>Angewandte Chemie</i> , 2011 , 123, 6576-6578	3.6	43
255	Ein rekordverdähtiger molekularer Magnesiumhydrid-Cluster: Auswirkungen für die Wasserstoffspeicherung. <i>Angewandte Chemie</i> , 2011 , 123, 9410-9411	3.6	10
254	Crossing Organolithium Compounds with Organolithium Compounds: Molecular Squares and a Cage-Encapsulating Reaction. <i>Angewandte Chemie</i> , 2011 , 123, 7922-7926	3.6	4
253	$[\text{LiZn}(\text{TMP})_3]_n$ a Zincate or a Turbo-Lithium Amide Reagent? DOSY NMR Spectroscopic Evidence. <i>Angewandte Chemie</i> , 2011 , 123, 9842-9845	3.6	25
252	Mixed lithium amide-lithium halide compounds: unusual halide-deficient amido metal anionic crowns. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 8375-8	16.4	25
251	Split personality of lithium chloride: recent salt effects in organometallic recipes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6448-50	16.4	83
250	A record-breaking magnesium hydride molecular cluster: implications for hydrogen storage. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9242-3	16.4	20
249	Crossing organolithium compounds with organolithium compounds: molecular squares and a cage-encapsulating reaction. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 7776-80	16.4	19
248	" $\text{LiZn}(\text{TMP})_3$ ", a zincate or a turbo-lithium amide reagent? DOSY NMR spectroscopic evidence. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9668-71	16.4	63
247	Exploiting π -coordination isomerism to prepare homologous organoalkali metal (Li, Na, K) monomers with identical ligand sets. <i>Chemistry - A European Journal</i> , 2011 , 17, 3364-9	4.8	75
246	Molecular structures of THF-solvated alkali-metal 2,2,6,6-tetramethylpiperidides finally revealed: X-ray crystallographic, DFT, and NMR (including DOSY) spectroscopic studies. <i>Chemistry - A European Journal</i> , 2011 , 17, 6725-30	4.8	40
245	Developing a hetero-alkali-metal chemistry of 2,2,6,6-tetramethylpiperidide (TMP): stoichiometric and structural diversity within a series of lithium/sodium, lithium/potassium and sodium/potassium TMP compounds. <i>Chemistry - A European Journal</i> , 2011 , 17, 8820-31	4.8	26
244	Confinement of halide ions within homologous inverse coordination hosts; modification of halide-ion selectivity. <i>Chemical Communications</i> , 2011 , 47, 1821-3	5.8	6
243	Neutral zinc, lower-order zincate and higher-order zincate derivatives of pyrrole: synthesis and structural characterisation of zinc complexes with one, two, three or four pyrrolyl ligands. <i>Dalton Transactions</i> , 2011 , 40, 11945-54	4.3	21

242	Sodium congener of the classical lithium methylchromate dimer: synthetic, X-ray crystallographic, and magnetic studies of Me ₈ Cr ₂ [Na(OEt ₂)] ₄ . <i>Inorganic Chemistry</i> , 2011 , 50, 4656-9	5.1	9
241	Main group multiple C-H/N-H bond activation of a diamine and isolation of a molecular dilithium zincate hydride: experimental and DFT evidence for alkali metal-zinc synergistic effects. <i>Journal of the American Chemical Society</i> , 2011 , 133, 13706-17	16.4	28
240	Cleave and capture chemistry illustrated through bimetallic-induced fragmentation of tetrahydrofuran. <i>Nature Chemistry</i> , 2010 , 2, 588-91	17.6	103
239	Multistep Self-Assembly of Heteroleptic Magnesium and Sodium Magnesium Benzamidinate Complexes. <i>Organometallics</i> , 2010 , 29, 1436-1442	3.8	22
238	Structural basis for regioisomerization in the alkali-metal-mediated zincation (AMMZn) of trifluoromethyl benzene by isolation of kinetic and thermodynamic intermediates. <i>Journal of the American Chemical Society</i> , 2010 , 132, 9480-7	16.4	45
237	Synthesis and Structure of a Potassium Potassiochromate: A Bis-Chromium(II) Molecule Held Together by Near-Square-Planar Potassium Ligand Bridges. <i>Organometallics</i> , 2010 , 29, 4756-4758	3.8	10
236	Structural elaboration of the surprising ortho-zincation of benzyl methyl ether. <i>Chemical Communications</i> , 2010 , 46, 2319-21	5.8	14
235	Potassium-mediated zincation of ferrocene and ruthenocene: potassium, the architect behind supramolecular structural variations. <i>Dalton Transactions</i> , 2010 , 62-5	4.3	15
234	Structural insights into mono-amido tris-alkyl potassium aluminates. <i>New Journal of Chemistry</i> , 2010 , 34, 1707	3.6	11
233	Stoichiometric and catalytic Sn-mediated dehydrocoupling of primary phosphines. <i>Chemical Communications</i> , 2010 , 46, 5000-2	5.8	49
232	cis-2,6-Dimethylpiperidide: a structural mimic for TMP (2,2,6,6-tetramethylpiperidide) or DA (diisopropylamide)?. <i>Dalton Transactions</i> , 2010 , 511-9	4.3	17
231	Lithium and aluminium carbamate derivatives of the utility amide 2,2,6,6-tetramethylpiperidide. <i>Dalton Transactions</i> , 2010 , 39, 6190-7	4.3	17
230	N-Heterocyclic carbene stabilized adducts of alkyl magnesium amide, bisalkyl magnesium and Grignard reagents: trapping oligomeric organo s-block fragments with NHCs. <i>Dalton Transactions</i> , 2010 , 39, 9091-9	4.3	61
229	Sodium-mediated magnesiation of thiophene and tetrahydrothiophene: structural contrasts with furan and tetrahydrofuran. <i>Chemistry - A European Journal</i> , 2010 , 16, 8600-4	4.8	24
228	Synergic transformation of an ethylenediamine to a lithium 1,3-diaza-2-zincacyclopentene via an alkyllithium/bis(alkyl)zinc mixture. <i>Chemistry - A European Journal</i> , 2010 , 16, 9964-8	4.8	19
227	Structurally Engineered Deprotonation/Alumination of THF and THTP with Retention of Their Cycloanionic Structures. <i>Angewandte Chemie</i> , 2010 , 122, 9578-9581	3.6	12
226	Structurally stimulated deprotonation/alumination of the TMP anion. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3182-4	16.4	26
225	Diisopropylamide and TMP turbo-Grignard reagents: a structural rationale for their contrasting reactivities. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 3185-8	16.4	89

224	Structurally engineered deprotonation/alumination of THF and THTP with retention of their cycloanionic structures. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9388-91	16.4	48
223	Bis[(trimethylsilyl)methyl]manganese: Structural Variations of Its Solvent-Free and TMEDA-, Pyridine-, and Dioxane-Complexed Forms. <i>Organometallics</i> , 2009 , 28, 2112-2118	3.8	28
222	Closer insight into the reactivity of TMP-dialkyl zincates in directed ortho-zincation of anisole: experimental evidence of amido basicity and structural elucidation of key reaction intermediates. <i>Journal of the American Chemical Society</i> , 2009 , 131, 2375-84	16.4	78
221	Synthetic and structural insights into the zincation of toluene: direct synergic ring metallation versus indirect nonsynergic lateral metallation. <i>Chemistry - A European Journal</i> , 2009 , 15, 3800-7	4.8	48
220	Structural and magnetic insights into the trinuclear ferrocenophane and unexpected hydrido inverse crown products of alkali-metal-mediated manganation(II) of ferrocene. <i>Chemistry - A European Journal</i> , 2009 , 15, 856-63	4.8	39
219	Structurally defined potassium-mediated zincation of pyridine and 4-R-substituted pyridines (R = Et, iPr, tBu, Ph, and Me ₂ N) by using dialkyl-TMP-zincate bases. <i>Chemistry - A European Journal</i> , 2009 , 15, 7074-82	4.8	34
218	Structural tracking of the potassium-mediated magnesiation of anisole. <i>Chemistry - A European Journal</i> , 2009 , 15, 10702-6	4.8	33
217	Structural Elucidation of tmeda-Solvated Alkali Metal Diphenylamide Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 5029-5035	2.3	24
216	Direct C-H metalation with chromium(II) and iron(II): transition-metal host/benzenediide guest magnetic inverse-crown complexes. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 3317-21	16.4	51
215	Synergic synthesis of benzannulated zincabicyclic complexes, alpha-zincated N ylides, through sodium-TMEDA-mediated zincation of a haloarene. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 8675-8	16.4	17
214	Avant-garde metalating agents: structural basis of alkali-metal-mediated metalation. <i>Accounts of Chemical Research</i> , 2009 , 42, 743-55	24.3	296
213	Contacted Ion-Pair Lithium Alkylamidoaluminates: Intramolecular Alumination (Al ^{III} Exchange) Traps for TMEDA and PMDETA. <i>Organometallics</i> , 2009 , 28, 6462-6468	3.8	31
212	Alkali-metal-mediated manganation(II) of naphthalenes: constructing metalla-anthracene and metalla-phenanthrene structures. <i>Inorganic Chemistry</i> , 2009 , 48, 8863-70	5.1	26
211	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, 6934-44	5.1	20
210	Synergic sedation of sensitive anions: alkali-mediated zincation of cyclic ethers and ethene. <i>Science</i> , 2009 , 326, 706-8	33.3	116
209	Synthesis, Structural Authentication, and Structurally Defined Metalation Reactions of Lithium and Sodium DA-Zincate Bases (DA = diisopropylamide) with Phenylacetylene. <i>Organometallics</i> , 2008 , 27, 2654-2663	3.8	31
208	Tuning the basicity of synergic bimetallic reagents: switching the regioselectivity of the direct dimetalation of toluene from 2,5- to 3,5-positions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 6208-11	16.4	50
207	Synthesis and characterisation of new bimetallic alkali metal-magnesium mixed diisopropylamide-acetylides: structural variations in bimetallic lithium- and sodium-heteroleptic magnesiates. <i>Dalton Transactions</i> , 2008 , 1481-6	4.3	22

206	Structurally-defined potassium-mediated regioselective zincation of amino- and alkoxy-substituted pyridines. <i>Chemical Communications</i> , 2008 , 2638-40	5.8	39
205	Manganese(II)-lithium and -sodium inverse crown ether (ICE) complexes. <i>Chemical Communications</i> , 2008 , 308-10	5.8	43
204	A mechanistic study of the C-P bond cleavage reaction of 1,2-(PH ₂) ₂ -C ₆ H ₄ with nBuLi/Sb(NMe ₂) ₃ . <i>Dalton Transactions</i> , 2008 , 6454-60	4.3	11
203	Synthesis and structure of the Li ₁₃ cage [[[O-P(mu-NtBu)] ₂ Li ₂] ₃ (LiCl) ₆ Li(Cl/OnBu) _{0.5} (thf) ₇], containing a [O-P(mu-NtBu)] ₂ (2-) dianion. <i>Chemical Communications</i> , 2008 , 2251-3	5.8	9
202	Structural complexity of the magnesiation of furan: an octadecanuclear product with a subporphyrin-like Mg ₃ (2,5-fur-di-yl) ₃ substructure. <i>Chemical Communications</i> , 2008 , 5426-8	5.8	25
201	Transamination chemistry of sodium TMP-zincate: synthesis and crystal structure of a chiral amidozincate. <i>Chemical Communications</i> , 2008 , 187-9	5.8	25
200	Alkali-metal-mediated manganation of functionalized arenes and applications of ortho-manganated products in Pd-catalyzed cross-coupling reactions with iodobenzene. <i>Chemistry - A European Journal</i> , 2008 , 14, 65-72	4.8	48
199	A structural and computational study of synthetically important alkali-metal/tetramethylpiperidine (TMP) amine solvates. <i>Chemistry - A European Journal</i> , 2008 , 14, 8025-34	4.8	39
198	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, 731-4	16.4	40
197	Unmasking representative structures of TMP-active Hauser and turbo-Hauser bases. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 8079-81	16.4	99
196	Lewis base stabilized lithium TMP-aluminates: an unexpected fragmentation and capture reaction involving cyclic ether 1,4-dioxane. <i>Chemical Communications</i> , 2007 , 2402-4	5.8	49
195	Isolation and structural elucidation of a key aluminoaromatic intermediate and evidence for dismutation phenomena in TMP-alumination chemistry. <i>Chemical Communications</i> , 2007 , 5241-3	5.8	33
194	Structurally-defined direct C-magnesiation and C-zincation of N-heterocyclic aromatic compounds using alkali-metal-mediated metallation. <i>Chemical Communications</i> , 2007 , 2864-6	5.8	44
193	Structural variations in bimetallic sodium-magnesium and sodium-zinc ketimides, and a sodium-zinc alkide-alkoxide-amide: connections to ring-stacking, ring-laddering, and inverse crown concepts. <i>Chemical Communications</i> , 2007 , 1641-3	5.8	17
192	Dizincation and dimagnesiation of benzene using alkali-metal-mediated metallation. <i>Chemical Communications</i> , 2007 , 598-600	5.8	54
191	Synthesis of Mixed Alkali-Metal-Zinc Enolate Complexes Derived from 2,4,6-Trimethylacetophenone: New Inverse Crown Structures. <i>Organometallics</i> , 2007 , 26, 204-209	3.8	18
190	Organometallic polymers assembled from cation-pi interactions: use of ferrocene as a ditopic linker within the homologous series [((Me ₃ Si) ₂ NM) ₂ (Cp ₂ Fe)] _n (M=Na, K, Rb, Cs; Cp=cyclopentadienyl). <i>Chemistry - A European Journal</i> , 2007 , 13, 4418-32	4.8	48
189	Deprotonative metalation using ate compounds: synergy, synthesis, and structure building. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 3802-24	16.4	460

188	Alkali-metal-mediated manganation: a method for directly attaching manganese(II) centers to aromatic frameworks. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 1105-8	16.4	65
187	Sodium-mediated manganation: direct mono- and dimanganation of benzene and synthesis of a transition-metal inverse-crown complex. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 4662-6	16.4	48
186	Synthesis and structural characterisation of mixed alkali metal/magnesium mixed ligand alkyl-amido ate complexes. <i>Inorganica Chimica Acta</i> , 2007 , 360, 1370-1375	2.7	25
185	Pre-metalation structural insights into the use of alkali-metal-mediated zincation for directed ortho-metalation of a tertiary aromatic amide. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2370-4	16.4	81
184	Post-metalation structural insights into the use of alkali-metal-mediated zincation for directed ortho-metalation of a tertiary aromatic amide. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 2374-7	16.4	88
183	Directed meta-metalation using alkali-metal-mediated zincation. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3775-8	16.4	105
182	Alkali-metal-mediated zincation of polycyclic aromatic hydrocarbons: synthesis and structures of mono- and dizincated naphthalenes. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6548-50	16.4	58
181	Pre-Metalation Structural Insights into the Use of Alkali-Metal-Mediated Zincation for Directed ortho-Metalation of a Tertiary Aromatic Amide. <i>Angewandte Chemie</i> , 2006 , 118, 2430-2434	3.6	31
180	Post-Metalation Structural Insights into the Use of Alkali-Metal-Mediated Zincation for Directed ortho-Metalation of a Tertiary Aromatic Amide. <i>Angewandte Chemie</i> , 2006 , 118, 2434-2437	3.6	37
179	Directed meta-Metalation Using Alkali-Metal-Mediated Zincation. <i>Angewandte Chemie</i> , 2006 , 118, 3859-3862	3.6	49
178	Alkali-Metal-Mediated Zincation of Polycyclic Aromatic Hydrocarbons: Synthesis and Structures of Mono- and Dizincated Naphthalenes. <i>Angewandte Chemie</i> , 2006 , 118, 6698-6700	3.6	25
177	New reactivity and structural insights of alkali-metal-mediated alumination in directed ortho-alumination of a tertiary aromatic amide. <i>Chemical Communications</i> , 2006 , 3208-10	5.8	37
176	Building an extended inverse crown motif via alkali-metal-mediated alpha-magnesiumation of furan. <i>Chemical Communications</i> , 2006 , 417-9	5.8	33
175	Synergic Para-Directed Monometalation of Bis(toluene)chromium by Alkali-Metal-Mediated Magnesiumation. <i>Organometallics</i> , 2006 , 25, 2415-2418	3.8	24
174	Synthesis and Characterization of New Mixed-Metal Sodium/Magnesium Enolates Derived from 2,4,6-Trimethylacetophenone. <i>Organometallics</i> , 2006 , 25, 1778-1785	3.8	36
173	Alkali-metal-mediated zincation of anisole: synthesis and structures of three instructive ortho-zincated complexes. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7434-5	16.4	74
172	Lithium Dimethyl(amido)zinc Complexes: Contrasting Zincate (Amido = TMP) and Inverse Zincate (Amido = HMDS) Structures on Addition of TMEDA. <i>Organometallics</i> , 2006 , 25, 3297-3300	3.8	36
171	Modern Ate Chemistry: Applications of Synergic Mixed Alkali-Metal/Magnesium or Zinc Reagents in Synthesis and Structure Building. <i>Organometallics</i> , 2006 , 25, 1060-1075	3.8	296

170	A polymeric solvent-free variant of a hydridomagnesium inverse crown. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006 , 62, m366-8		24
169	Synthesis and characterisation of a series of alkylmagnesium amide and related oxygen-contaminated "alkoxy" compounds. <i>Dalton Transactions</i> , 2005 , 1532-44	4.3	39
168	Stoichiometrically-controlled reactivity and supramolecular storage of butylmagnesiato anions. <i>Chemical Communications</i> , 2005 , 1131-3	5.8	28
167	Crystallographic characterisation of binary alkali metal alkoxide-magnesium bis(alkyl) mixtures: differential binding of Na ⁺ and K ⁺ to a common dinuclear diorganomagnesiato. <i>Chemical Communications</i> , 2005 , 375-7	5.8	25
166	Sodium dialkyl-amidozincates: alkyl or amido bases? An experimental and theoretical case study. <i>Journal of the American Chemical Society</i> , 2005 , 127, 6184-5	16.4	119
165	Trapping, stabilization, and characterization of an enolate anion of a 1,6-adduct of benzophenone chelated by a sodium alkylamidozincate cation. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13106-7	16.4	64
164	Cluster Growing Through Ionic Aggregation: Synthesis and Structural Principles of Main Group Metal-Nitrogen, Phosphorus and Arsenic Rich Clusters 2005 , 391-424		1
163	Selective meta-deprotonation of toluene by using alkali-metal-mediated magnesiation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 3459-62	16.4	92
162	Alkali-metal-mediated zincation of ferrocene: synthesis, structure, and reactivity of a lithium tmp/zincate reagent. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6018-21	16.4	78
161	Synergic Monodeprotonation of Bis(benzene)chromium by Using Mixed Alkali Metal-Magnesium Amide Bases and Structural Characterization of the Heterotrimetallic Products. <i>Angewandte Chemie</i> , 2005 , 117, 70-74	3.6	28
160	Selective Meta-Deprotonation of Toluene by Using Alkali-Metal-Mediated Magnesiation. <i>Angewandte Chemie</i> , 2005 , 117, 3525-3528	3.6	41
159	Alkali-Metal-Mediated Zincation of Ferrocene: Synthesis, Structure, and Reactivity of a Lithium Tmp/Zincate Reagent. <i>Angewandte Chemie</i> , 2005 , 117, 6172-6175	3.6	31
158	A mixed iron(III)/lithium alkoxide. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005 , 61, m346-7		3
157	Synthesis and crystal structure of $[\{n\text{BuMg}(\mu\text{-TMP})\}_2]$ and of a homometallic inverse crown in tetranuclear $[\{n\text{BuMg}_2[\mu\text{-N(H)Dipp}]_2(\mu\text{-}^3\text{-OnBu})\}_2]$. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 1709-12	16.4	28
156	Synthesis and Crystal Structure of $[\{n\text{BuMg}(\mu\text{-TMP})\}_2]$ and of a Homometallic Inverse Crown in Tetranuclear $[\{n\text{BuMg}_2[\mu\text{-N(H)Dipp}]_2(\mu\text{-}^3\text{-OnBu})\}_2]$. <i>Angewandte Chemie</i> , 2004 , 116, 1741-1744	3.6	9
155	Isolation and characterisation of the mixed-metal alkyl amide $[(\text{TMEDA})\text{Na}(\mu\text{-Bu})(\mu\text{-TMP})\text{Mg}(\text{TMP})]$, an unexpected chelate-trapped intermediate in the formation of inverse crowns. <i>Chemical Communications</i> , 2004 , 2422-3	5.8	62
154	A homologous series of regioselectively tetradeprotonated group 8 metallocenes: 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, 11612-20	16.4	103
153	Synthesis, Structure, and Methyl Methacrylate Polymerization Activity of a Mixed Ferrocene-Toluene Complex of Potassium Tris(hexamethyldisilazide)magnesiato. <i>Organometallics</i> , 2004 , 23, 1197-1199	3.8	37

152	Ketone deprotonation mediated by mono- and heterobimetallic alkali and alkaline earth metal amide bases: structural characterization of potassium, calcium, and mixed potassium-calcium enolates. <i>Journal of the American Chemical Society</i> , 2004 , 126, 7444-5	16.4	80
151	Synergic monodeprotonation of bis(benzene)chromium by using mixed alkali metal-magnesium amide bases and structural characterization of the heterotrimetallic products. <i>Angewandte Chemie - International Edition</i> , 2004 , 44, 68-72	16.4	63
150	Solvent-Free and TMEDA-Solvated Mixed Alkali Metal-Magnesium Tris-diisopropylamides. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3347-3353	2.3	27
149	Synthesis, Structure and Theoretical Studies of the Hydrido Inverse Crown [K ₂ Mg ₂ (NiPr ₂) ₄ (H) ₂ [(toluene) ₂]: a Rare Example of a Molecular Magnesium Hydride with a Mg-(H) ₂ -Mg Double Bridge. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3354-3362	2.3	64
148	Ron Snaith (1947-2000), Inspirational Alchemist and Altruist. <i>European Journal of Inorganic Chemistry</i> , 2003 , 2003, 3271-3278	2.3	
147	A new Na/Mg inverse crown ether. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, m302-3		10
146	A triclinic polymorph of octa-tert-butoxytetralithiumtetrasodium. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2003 , 59, m64-m66		
145	Magnesium aryloxides: synthesis, structure, solution behavior and magnesiate ion formation. <i>Dalton Transactions</i> , 2003 , 1365-1372	4.3	39
144	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. <i>Chemical Communications</i> , 2003 , 1140-1	5.8	11
143	Potassium-zinc induced synergic enhancement of the basicity of hexamethyldisilazide (HMDS) towards methylbenzene molecules. <i>Chemical Communications</i> , 2003 , 406-7	5.8	38
142	Hexameric Mg-O Stacks with Six THF-Solvated Sodium Amide Appendages: Super Variants of Inverse Crown Ethers Generated by Cleavage of THF. <i>Angewandte Chemie</i> , 2002 , 114, 2488-2490	3.6	7
141	Hexameric Mg-O stacks with six THF-solvated sodium amide appendages: "super" variants of inverse crown ethers generated by cleavage of THF. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2382-4	16.4	22
140	Synthesis and structural characterisation of solvent-free lithium-calcium hexamethyldisilazide, [Li{N(SiMe ₃) ₂ } ₂ Ca{N(SiMe ₃) ₂ }], exhibiting a double ration of agostic H ₃ C?Li and H ₃ C?Ca intramolecular interactions. <i>Journal of Organometallic Chemistry</i> , 2002 , 648, 288-292	2.3	36
139	Synthesis of zirconocene amides and ketimides and an investigation into their ethylene polymerization activity. <i>Journal of Organometallic Chemistry</i> , 2002 , 656, 63-70	2.3	14
138	Alkali Metal Cation Interactions Stabilized Solely by [M{N(SiMe ₃) ₂ } ₃]- Anions (M = Mg or Zn): The Competing Influence of Alkali Metal-C(Me) Agostic Interactions. <i>Organometallics</i> , 2002 , 21, 5115-5121	3.8	86
137	New homo- and hetero-alkali metal alkoxide cages; crystal structures of [Me ₂ N(CH ₂) ₂ OLi] ₈ and [{Me ₂ N(CH ₂) ₂ O} ₁₂ Li ₈ K ₆]O. <i>Dalton Transactions RSC</i> , 2002 , 1651-1655		14
136	Hydride encapsulation in s-block metal inverse crown chemistry. <i>Chemical Communications</i> , 2002 , 376-7	5.8	85
135	Alkoxide binding in inverse crown chemistry: rational synthesis of a series of composite alkali metal-magnesium-alkoxide-diisopropylamides. <i>Chemical Communications</i> , 2002 , 1176-7	5.8	32

134	An unexpected transamination of bis[bis(trimethylsilyl)amido]zinc with dibenzylamine to form bis(dibenzylamido)zinc: structural studies by NMR spectroscopy, X-ray crystallography and theoretical calculations. <i>Dalton Transactions RSC</i> , 2002 , 1656-1661		16
133	Dichlorobis(dibenzylamino)bis(tetrahydrofuran)zirconium(IV) toluene hemisolvate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 674-5		2
132	A monomeric three-coordinate magnesium bis(amide). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2001 , 57, 1288-9		10
131	Landmark Crystal Structure of an Experimentally Utilized Tetralithium-Tetrapotassium Amide-Alkoxide Superbase. <i>Angewandte Chemie</i> , 2001 , 113, 3345-3347	3.6	18
130	Regioselective Tetrametalation of Ferrocene in a Single Reaction: Extension of s-Block Inverse Crown Chemistry to the d-Block. <i>Angewandte Chemie</i> , 2001 , 113, 4020-4023	3.6	40
129	Landmark Crystal Structure of an Experimentally Utilized Tetralithium-Tetrapotassium Amide-Alkoxide Superbase. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 3245-3247	16.4	39
128	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	16.4	91
127	Synthesis and crystal structure of the new heteroleptic magnesium bis(amide) $[\{\text{Mg}[\text{N}(\text{H})\text{Ph}][\text{N}(\text{SiMe}_3)_2]\text{THF}\}_2]$, and density functional MO calculations on model systems. <i>Dalton Transactions RSC</i> , 2001 , 409-413		16
126	Structural chemistry of monodentate donor-solvated mixed lithium-magnesium secondary amide complexes. <i>Dalton Transactions RSC</i> , 2001 , 1477-1484		42
125	s-Block metal inverse crowns: synthetic and structural synergism in mixed alkali metal-magnesium (or zinc) amide chemistry. <i>Chemical Communications</i> , 2001 , 1049-1056	5.8	169
124	TEMPO: a novel chameleonic ligand for s-block metal amide chemistry. <i>Chemical Communications</i> , 2001 , 1400-1401	5.8	62
123	Trimagnesium-bridged trinuclear ferrocenophanes cocomplexed with solvated mononuclear alkali metal amide molecules. <i>Chemical Communications</i> , 2001 , 1678-9	5.8	45
122	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	16.4	2
121	A new approach to lithium-beavier alkali metal interchange reactions: synthesis of a tetralithium pentasodium mixed alkoxide-amide dome-shaped cage compound with an encapsulated hydroxide molecule. <i>Dalton Transactions RSC</i> , 2000 , 4112-4116		19
120	An Unprecedented Hexapotassium-Hexamagnesium 24-Membered Macrocyclic Amide: A Polymetallic Cationic Host to Six Monodeprotonated Arene Anions This work was supported by the UK Engineering and Physical Science Research Council (Grant award No. GR/M78113). Thanks are also extended to Dr. P. J. Nichols for help with the crystallographic work. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 1950-1967	16.4	56
119	Formation of the Unprecedented Trilithio-Capped Heteroadamantanyl Iminoalane Anion $[(\text{HAL})(\text{NPh})\{\text{Li}(\text{OEt})\}]$: An Open Cage Derived from a Rhombododecahedron. <i>Angewandte Chemie - International Edition</i> , 2000 , 39, 3879-3881	16.4	4
118	Bis. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56 (Pt 1), 31-2		2
117	Pentanuclear asymmetrical ladder structure of the 1,4-dimethylpiperazine solvate of lithium anilide and its implication for the unknown structure of amorphous lithium anilide. <i>Chemical Communications</i> , 2000 , 223-224	5.8	12

116	A Remarkable Isostructural Homologous Series of Mixed Lithium/Heavier Alkali Metal tert-Butoxides [(t-BuO) ₈ Li ₄ M ₄] (M = Na, K, Rb or Cs). <i>Journal of the American Chemical Society</i> , 2000 , 122, 11117-11124	16.4	42
115	Inverse crown ether complexes extended to group 12 through the syntheses of [Na ₂ Zn ₂ (HMDS) ₄ (O)] and [K ₂ Zn ₂ (HMDS) ₄ (O) ₂ (O) _x (O) _y]. <i>Chemical Communications</i> , 2000 , 1759-1760	5.8	46
114	Synthesis of the mixed lithium/magnesium, mixed amide (R,R/S,S)-[LiMg(TMP)[CH ₂ Si(Me) ₂ N(SiMe ₃)] ₂]: a conformationally-locked structure with fused rings inducing two stereogenic nitrogen centres. <i>Chemical Communications</i> , 2000 , 1757-1758	5.8	21
113	The changing structural chemistry of lithium anilide on solvation by pyridine, 4-methylpyridine or 4-tert-butylpyridine. <i>Dalton Transactions RSC</i> , 2000 , 1225-1231		7
112	Zirconocene Ketimides: Synthesis, Structural Characterization, Ethylene Polymerization Activity, and ab Initio Computational Studies. <i>Organometallics</i> , 2000 , 19, 4369-4375	3.8	18
111	Synthesis, characterisation and a theoretical investigation of the formation of lithium dialkylaluminium amides. <i>Journal of Organometallic Chemistry</i> , 1999 , 572, 283-289	2.3	17
110	catena-Poly[[bis(2,6-dimethylpiperidino-N:N)dilithium]-[N,N,N',N'-tetramethylethylenediamine-N:N']]. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1999 , 55, 867-869		5
109	Synthesis and crystal structure of trimeric sodium 2,2,6,6-tetramethylpiperidide (NaTMP). <i>Journal of Organometallic Chemistry</i> , 1999 , 587, 88-92	2.3	25
108	Natrium/Magnesium-Amid-Mischmetallmakrocyclen: eine Templatreaktion zur selektiven Zweifachdeprotonierung von Arenen. <i>Angewandte Chemie</i> , 1999 , 111, 231-233	3.6	28
107	Mixed-Metal Sodium/Magnesium Macrocyclic Amide Chemistry: A Template Reaction for the Site Selective Dideprotonation of Arene Molecules. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 131-133	16.4	77
106	A novel heterometallic alkoxide: lithium/potassium tert-butoxide [(ButO) ₈ Li ₄ K ₄]. <i>Chemical Communications</i> , 1999 , 1569-1570	5.8	33
105	Dis-assembling lithium amide ladder structures: new insight through the structure of [[PhCH ₂ N(H)Li] ₂ (thf)] _n a polymer of (NLi) ₂ planar rings connected by thf-bridged (NLi) ₂ butterfly junctions. <i>Chemical Communications</i> , 1999 , 511-512	5.8	27
104	Inverse crown ether complexes: extension to potassium through the synthesis of [K ₂ (Me ₃ Si) ₂ N) ₄ K ₂ Mg ₂ (O ₂)] _n a peroxo-centred macrocycle linked into infinite chains by intermolecular K ⁺ CH ₃ (SiMe ₂) interactions. <i>Chemical Communications</i> , 1999 , 353-354	5.8	44
103	Lithiated organophosphorus enamines: a new synthetic approach and the first crystal structures. <i>Chemical Communications</i> , 1999 , 1401-1402	5.8	23
102	Lithium amides as initiators of anionic polymerisation of methyl methacrylate. <i>European Polymer Journal</i> , 1998 , 34, 1877-1887	5.2	16
101	New Alkali Metal Primary Amide Ladder Structures Derived from tBuNH ₂ : Building Cisoid and Transoid Ring Conformations into Ladder Frameworks. <i>Chemistry - A European Journal</i> , 1998 , 4, 53-56	4.8	26
100	Remarkable Reaction of Hetero-S-Block-Metal Amides with Molecular Oxygen: Cationic (NMNMg) Ring Products (M=Li or Na) with Anionic Oxo or Peroxo Cores. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 3180-3183	16.4	52
99	Formation of the lithium alkylaluminium secondary amide [Me ₂ Al{(PhCH ₂) ₂ N} ₂ Li(THF)] by a methane elimination/amide insertion process. Dedicated to Professor Ken Wade on the occasion of his 65th birthday in recognition of his sterling contribution to inorganic chemistry. REM adds his personal thanks in warm appreciation of two invaluable years spent working for, and learning from, KW.1. <i>Journal of Organometallic Chemistry</i> , 1998 , 550, 355-358	2.3	5

- 98 Crystal structure of a heavier alkali metal diisopropylamide complex: a discrete (KN)₂ ring dimer with TMEDA chelation and short intramolecular K⁺H(C) contacts. *Journal of Organometallic Chemistry*, **1998**, 558, 193-196 2.3 21
- 97 Chloro(dibenzylamine-N)dimethylaluminium(III). *Acta Crystallographica Section C: Crystal Structure Communications*, **1998**, 54, 335-337 1
- 96 Diphenylzirconocene. *Acta Crystallographica Section C: Crystal Structure Communications*, **1998**, 54, 315-317
- 95 Synthesis and structure of the novel octalithium-dipotassium mixed oxide-alkoxide cage complex [Li₈K₂(O)(ButO)₈·2TMEDA]. *Polyhedron*, **1998**, 17, 993-998 2.7 13
- 94 Synthesis and solid-state structures of three magnesium diamide complexes derived from RN(H)CH₂CH₂N(H)R diamine precursors (R = Ph or PHCH₂). *Polyhedron*, **1998**, 17, 1923-1930 2.7 8
- 93 Alkali metal- η -azaallyl complexes: X-ray crystallographic, NMR spectroscopic and ab initio calculational studies. *Journal of the Chemical Society Dalton Transactions*, **1998**, 3431-3436 18
- 92 Intermetallic Lithium-Magnesium Hexamethyldisilazide: Synthesis and Structure, Discovery of an Oxygen-Centered Variant, and a Reaction with Benzonitrile That Produces a Novel Amidinate Cage Compound with a Trigonal Bipyramidal Li₄MgO Core. *Journal of the American Chemical Society*, **1998**, 120, 7816-7824 16.4 93
- 91 Regioselective solvation in a polymeric lithium amide: remarkable twisted ladder structure of [[PhCH₂N(H)Li]₂[H₂NCH₂Ph]]_n. *Chemical Communications*, **1998**, 89-90 5.8 16
- 90 Synthetic and structural developments in hetero-s-block-metal chemistry: new ring-laddering, ring-stacking and other architectures. *Chemical Society Reviews*, **1998**, 27, 339 58.5 163
- 89 Synthesis and structure of the novel heptalithiumtetrarubidium mixed alkoxide peroxide [[[ButOLi]₅(ButORb)₄(Li₂O)₂·2tmeda]]_n: twenty-two vertex cage molecules linked by Rb-MEDARb bridges. *Chemical Communications*, **1998**, 2391-2392 5.8 7
- 88 Unexpected structure of 1,3-diphenyl-2-azaallylpotassium- η , η , η , η -pentamethyldiethylenetriamine: infinite, zigzag chains of alternating cations and two distinct types of anion, one azaallyl bonded, the other allyl bonded. *Chemical Communications*, **1997**, 319-320 5.8 9
- 87 Exploiting a substituted dihydrotriazinide as a novel bulky ligand: synthesis and crystal structure of a rubidium complex with an unprecedented tetrameric cyclic core. *Chemical Communications*, **1997**, 1301-1302 5.8 5
- 86 Solid State Structures and Dynamic Solution Equilibria of Bis(dibenzylamido)magnesium Complexes: Aggregation Dependence on Stoichiometry and Denticity of Donor Solvent. *Inorganic Chemistry*, **1997**, 36, 6238-6246 5.1 39
- 85 Lithiated amidines: syntheses and structural characterisations. *Journal of the Chemical Society Dalton Transactions*, **1997**, 951-956 30
- 84 Potassium Potassates Based on Dihydrotriazinide Ligands: Syntheses, Crystal Structures, and Comparison with Other Alkali Metal Dihydrotriazinide Compounds. *Chemische Berichte*, **1997**, 130, 621-631 15
- 83 The First Trimetallic Lithium-Sodium-Potassium Complex: Synthesis and Crystal Structure of a Twelve-Vertex Li₂Na₂K₂N₄O₂ Cage Molecule Containing an Amide-Alkoxide Combination. *Journal of the American Chemical Society*, **1996**, 118, 4721-4722 16.4 27
- 82 A new architecture in lithium amide chemistry: synthesis of [(c-C₅H₉N(H))₁₂(O)Li₁₄], a cage molecule containing a salt-like, distorted, face-centered cube of lithium cations. *Chemical Communications*, **1996**, 1065 5.8 19
- 81 The first magnesium amid trimer, magnesio-1,8-diaminonaphthalene hexamethylphosphoramidate: introducing an unprecedented cage assembly incorporating an Mg₃ unit within a N₆ trigonal prism. *Chemical Communications*, **1996**, 1739 5.8 7

80	Novel octameric structure of the lithium primary amide $[\{\text{ButN(H)Li}\}_8]$ and its implication for the directed synthesis of heterometallic imide cages. <i>Chemical Communications</i> , 1996 , 2321	5.8	34
79	Structures of the potassium aluminate $[\{\text{K}_2(\text{Me}_3\text{AlOBut})_2(\text{pmdeta})\}]$ and $[\{\text{K}(\text{pmdeta})_2\}+(\text{AlMe}_4)]$ how the nature of the alane reagent determines which of these products form from alkoxide-containing reaction mixtures. <i>Chemical Communications</i> , 1996 , 1951-1952	5.8	13
78	Stöchiometrieabhängigkeit der Reaktion von Butyllithium mit Pyridin: ein Lithiodihydropyridin mit zusätzlich koordiniertem Pyridin. <i>Angewandte Chemie</i> , 1996 , 108, 815-816	3.6	10
77	Crystal Structure of a Representative Mixed Adduct of Trimethylaluminium and a Lithium Amide and a Theoretical MO Study on Model Systems. <i>Chemische Berichte</i> , 1996 , 129, 1293-1300		14
76	Stoichiometric Dependence of the Long-Established Reaction of Butyllithium with Pyridine: A Hidden Secondary Reaction That Produces a Pyridine Adduct of a Lithiodihydropyridine. <i>Angewandte Chemie International Edition in English</i> , 1996 , 35, 753-755		41
75	Benzyl(trimethylsilyl)amidolithium: structural studies by ab initio mo and X-RAY crystallographic methods, and comparison with the known structures of dibenzyl and bis(trimethylsilyl) analogues. <i>Polyhedron</i> , 1996 , 15, 3533-3542	2.7	13
74	Selective crystallization of di-sec-butylmagnesium. N,N,N',N'-tetramethylethylenediamine from solutions containing mixtures of normal-butyl and secondary-butyl isomers. <i>Journal of Organometallic Chemistry</i> , 1996 , 510, 297-300	2.3	10
73	Solvent induced disproportionation of alkyl(amido)magnesium species containing a (2-pyridyl)amido unit: synthetic, theoretical and NMR spectroscopic studies of bis(amido)magnesium compounds. <i>Journal of Organometallic Chemistry</i> , 1996 , 518, 139-146	2.3	14
72	X-ray crystallographic studies and comparative reactivity studies of a sodium diisopropylamide (NDA) complex and related hindered amides. <i>Journal of Organometallic Chemistry</i> , 1996 , 518, 85-95	2.3	46
71	Synthetic and theoretical MO calculational studies of lithiotriazine intermediates produced during alkyllithium-induced cyclotrimerisation reactions of organic nitriles, and comparison of their structures with that of a methylmagnesiatriazine derivative. <i>Journal of Organometallic Chemistry</i> , 1995 , 496, 73-82	2.3	20
70	Synthetic, Structural, Mechanistic, and Theoretical MO Studies of the Alkali-Metal Chemistry of Dibenzylamine and Its Transformation to 1,3-Diphenyl-2-azaallyl Derivatives. <i>Organometallics</i> , 1995 , 14, 427-439	3.8	45
69	Lithium anilide complexed by pmdeta: expectation of a simple monomer, but in reality an odd trinuclear composition combining three-, four- and five-coordinate lithium. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 891		18
68	Dis-assembling lithium amide ladder structures: structural elucidation of the lithium anilide solvate $[\{\text{PhN(H)Li}\}_6(\text{BTHF})]$, a model intermediate en route to forming tetra-solvated ring dimers. <i>Journal of the Chemical Society Chemical Communications</i> , 1995 , 2011-2012		22
67	Crystal Structure of Dilithioacetylacetone: A Twenty-Four Vertex Li-O Cage Molecule with Limited Li- (terminal) Bonding and Selective THF Solvation. <i>Angewandte Chemie International Edition in English</i> , 1995 , 34, 1233-1234		11
66	Potassium potassiate contact ion pair polymer synthesised by metallation of a dihydrotriazine. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 2393		11
65	Model structural types for rationalising stoichiometries and coordination numbers in lithium amidomagnesiates: syntheses and X-ray diffraction studies of $[\{\text{Mg}(\text{NR}_2)_2\}_2]$, $[\text{Li}_2\text{Mg}(\text{NR}_2)_4]$ and $[\text{LiMg}(\text{NR}_2)_3(\text{py})]$ (R = benzyl, py = pyridine). <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 713-715		30
64	Synthesis and X-ray crystallographic characterisation of o-phenylenediamidomagnesium-tetrahydrofuran: the first octahedral Mg ₆ cluster. <i>Journal of the Chemical Society Chemical Communications</i> , 1994 , 97-98		6
63	Mixed Lithium Magnesium Aryl Oxides Derived from Cresol: Crystal Structures and Solution NMR Studies of an Unexpected, Magnesium-Rich Oxo Product with a Trigonal Bipyramidal LiMg ₄ Cage and an Expected Lithium-Rich Product with a More Familiar Li ₂ ntdat ₂ ntdat ₂ ntdat ₂ Mg ₂ ntdat ₂ ntdat ₂ ntdat ₂ Li Chain. <i>Journal of the American Chemical Society</i> , 1994 , 116, 10777-10778	16.4	23

- 62 Expanding the Scope of Lithium Coordination Chemistry by Placing Sodium Nearby: A Mixed Lithium-Sodium Benzyl Compound Having TMEDA-Chelated Li⁺ Cations in an Unprecedented Tetrameric Environment. *Organometallics*, **1994**, 13, 4170-4172 3.8 27
- 61 An infinite ladder structure of alternating, fused K₂N₂ rhomboids and KN₂ triangles: synthesis and crystallographic characterisation of benzotriazolotopotassium[η -HMPA (HMPA = hexamethylphosphoric triamide)]. *Journal of the Chemical Society Chemical Communications*, **1993**, 1142-1144 13
- 60 Synthesis and structural characterisation of the mixed lithium-magnesium amide, $[(\text{PhCH}_2(\text{Me}_2\text{NCH}_2\text{CH}_2)\text{N})_4\text{Li}_2\text{Mg}]$: a new type of magnesiate complex free of a donor solvent as ligand. *Journal of the Chemical Society Chemical Communications*, **1993**, 969-970 15
- 59 Butyllithium-induced cyclotrimerisation reactions of organic nitriles: solvent dependency, crystal and solution structures of lithio triazine intermediates and an unexpected rearrangement of dihydrotriazino anions. *Journal of the Chemical Society Chemical Communications*, **1993**, 608 22
- 58 Butyllithium cubane tetramers linked by Li-TMEDA-Li bridges in an infinite, zig-zag chain arrangement: first crystallographic study of a simple butyl compound of an early main group element. *Journal of the American Chemical Society*, **1993**, 115, 1573-1574 16.4 56
- 57 An unprecedented mixed alkali metal organonitrogen ladder: synthesis, NMR spectroscopic studies, and x-ray crystallographic studies of the dilithium disodium amide $[(\text{LiNa}[\text{N}(\text{CH}_2\text{Ph})_2]_2 \cdot \text{OEt}_2)_2]$. *Journal of the American Chemical Society*, **1993**, 115, 6472-6473 16.4 21
- 56 Crystal Structure of $[(\text{Cyanoisopropyl-sodium } \eta\text{-Tetramethylenediamine})_4]$: How Coordination Expansion from Li to Na Centers can Increase the Aggregation State of an η -Nitrile η -Carbanion η . *Angewandte Chemie International Edition in English*, **1993**, 32, 1366-1368 12
- 55 Struktur von $[(\text{Cyanoisopropylnatrium-Tetramethylethylendiamin})_4]$ [Erhöhung des Aggregationsgrads durch Aufweitung der Koordinations-sphäre beim Übergang von Li- zu Na-Zentren. *Angewandte Chemie*, **1993**, 105, 1419-1420 3.6
- 54 Synthesis of heteroleptic bis(amides): crystal structure of the representative compound, $[(\text{Mg}[\text{N}(\text{Ph})_2][\text{Ph}](2\text{-Pyr})_2)]_2$. *Polyhedron*, **1993**, 12, 2535-2538 2.7 13
- 53 Structure of monomeric $[\text{TiCl}_4(\text{hexamethylphosphoric triamide})_2]$. *Acta Crystallographica Section C: Crystal Structure Communications*, **1993**, 49, 2108-2109 1
- 52 Synthesis and crystal structure of the mixed lithium sodium guanidide $[\text{Li}_4\text{Na}_2\{\text{N}_3\text{C}(\text{NMe}_2)_2\}_6]$: A stack of three (metal-nitrogen)₂ dimeric rings with additional intramolecular (tertiary amine) nitrogen-lithium coordinations. *Polyhedron*, **1992**, 11, 2809-2812 2.7 10
- 51 Reactions of chelating alkali metal amides with the Grignard reagent nBuMgCl: crystal structures and solution ¹H NMR spectroscopic studies of the expected mono(amido)-product $[\text{PhCH}_2(\text{Me}_2\text{NCH}_2\text{CH}_2)\text{NMgBu}]_2$ and the unexpected bis(amido)-product $[(\text{Ph}(2\text{-Pyr})\text{N})_2\text{Mg}]$ 2.3 33
- 50 Crystal and Solution Structures of the Novel Complex of Sodium Ketimide with Two Ketimine Ligands $[(\text{tBu}_2\text{C}=\text{NNa})_4(\text{HN}=\text{CtBu}_2)_2]$: Stacking of Complexed and Uncomplexed (NNa)₂ Rings to give a Highly Distorted (NNa)₄ Cubane. *Angewandte Chemie International Edition in English*, **1992**, 31, 92-95 13
- 49 Struktur des neuartigen, zweifach Ketimin-komplexierten Natriumketimids $[(\text{tBu}_2\text{C}=\text{NNa})_4(\text{HN}=\text{CtBu}_2)_2]$ im Kristall und in Lösung: Die Stapelung komplexierter und nicht komplexierter (NNa)₂-Ringe zu einem stark verzerrten (NNa)₄-Cuban. *Angewandte Chemie*, **1992**, 104, 74-76 3.6 8
- 48 Isostructural potassium and sodium di-nitrogen functionalized amides: Syntheses and crystal structures of $[\text{Ph}(2\text{-Pyr})\text{NK}(\eta\text{-TMEDA})_2]$ and $[\text{Me}(2\text{-Pyr})\text{NNa}(\eta\text{-TMEDA})_2]$. *Polyhedron*, **1991**, 10, 1839-1841 2.7 18
- 47 Meldola Medal Lecture. Ring-stacking and ring-laddering in organonitrogenlithium compounds: the development of concepts with wide applicability throughout lithium structural chemistry. *Chemical Society Reviews*, **1991**, 20, 167 58.5 320
- 46 A new type of structure in sodium amide ring chemistry: crystal structure of $[\text{PhCH}_2(\text{Me})\text{NNa}(\text{tmeda})_2]$ showing a buckled, rather than the normal planar, (NNa)₂ cyclic ring, with a cisoid, rather than the normal transoid, arrangement of amido-substituents (tmeda = tetramethylethylenediamine). *Journal of the Chemical Society Chemical Communications*, **1991**, 497 12
- 45 Lithiations of mercaptoamines containing $\text{NC}(\text{S})\text{NH}(\eta\text{-HC}(\text{S}))_2$ and $\eta\text{-HC}(\text{S})\text{NH}(\eta\text{-})$ units: syntheses, crystal structures and model molecular-orbital calculations. *Journal of the Chemical Society Dalton Transactions*, **1991**, 765-776 14

44	Crystal structure of lithium diisopropylamide (LDA): an infinite helical arrangement composed of near-linear nitrogen-lithium-nitrogen units with four units per turn of helix. <i>Journal of the American Chemical Society</i> , 1991 , 113, 8187-8188	16.4	71
43	X-ray crystallographic studies and dynamic ¹ H NMR spectroscopic studies of the novel sodium aza-allyl monomer [PhC(H)NC(H)Ph]Na ⋅ PMDETA: A discrete contact ion-pair structure held together by a short N?Na bond, and showing close (ortho-Ph)C?H ⋯ Na contacts in both solid state and solution. <i>Journal of the American Chemical Society</i> , 1990 , 112, 1437-1441	2.3	22
42	Lewis-Base-Dictated Structural Variations in Sodium Amide Chemistry: X-Ray Crystal Structures of Phenyl(2-pyridyl)amidodisodium with Hexamethylphosphoric Triamide (HMPA) and with Pentamethyldiethylenetriamine (PMDETA). <i>Angewandte Chemie International Edition in English</i> , 1990 , 29, 1440-1441		19
41	Lewis-Basen-gesteuerte Strukturvarianten in der Natriumamid-Chemie: Röntgenstrukturanalysen von Phenyl(2-pyridyl)natriumamid-Addukten mit Hexamethylphosphorsäuretriamid und mit Pentamethyldiethylentriamin. <i>Angewandte Chemie</i> , 1990 , 102, 1480-1481	3.6	8
40	Dilithiation of N,N'-diphenylthiourea, PhNHC(S)NPh, in HMPA: the unexpected structure of the product, [PhNPh]SLi⋅2HMPA]2, and supporting ab initio MO calculations on model systems. <i>Journal of Organometallic Chemistry</i> , 1989 , 362, C1-C4	2.3	11
39	, die erste cyclisierte Lithiumamid-Leiter: Synthese und Struktur von Hexamethylenimidolithium. <i>Angewandte Chemie</i> , 1989 , 101, 1279-1280	3.6	13
38	, the First Cyclized Lithium Amide Ladder: Synthesis and Structure of Hexamethyleneimidolithium. <i>Angewandte Chemie International Edition in English</i> , 1989 , 28, 1241-1243		15
37	Ladder structures in lithium amide chemistry: syntheses, solid-state, and solution structures of donor-deficient lithium pyrrolidide complexes, [cyclic] {[H2C(CH2)3N]Li}3 ⋅ PMDETA]2 and [cyclic] {[H2C(CH2)3N]Li}2 ⋅ TMEDA]2, and ab initio MO calculations probing ring vs ladder vs ladder vs ladder. <i>Journal of the American Chemical Society</i> , 1989 , 111, 1710-1717	16.4	78
36	Synthesis and crystal structure of the mixed alkali metal imide Li4-xNa2+x[NC(Ph)But]6: three (metal⋅nitrogen)2 ring dimers in a triple-layered stack. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 57-58		21
35	Lewis base mediated rearrangements of alkali metal imides to β-aza-allyl complexes: preparation and n.m.r. spectroscopic solution studies of [CH3CH2CH2C(H)C(But)N(H)M]n[M(HMPA)x]n (M = Li, x = 1; M = Na, x = 2) (HMPA = hexamethylphosphoramidate). <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 1241-1243		12
34	A unique lithium halide complex, [(LiBr)2⋅2HMPA]⋅toluene: synthesis from reaction of solid NH4Br with BunLi in HMPA (hexamethylphosphoramidate)/toluene media, crystal structure showing two LiBr units linked by three μ2-HMPA ligands, and detection of 7Li ? 31P coupling in solutions of the complex. <i>Journal of the Chemical Society Chemical Communications</i> , 1989 , 318-319		36
33	Molecular Orbital Bond Index (MOBI) calculations on selected organolithium and lithium'ate species: Evidence for Li ? H?C three-centre interactions. <i>Polyhedron</i> , 1988 , 7, 2119-2128	2.7	12
32	Characterization of the bis(pyridine) complex of the butyllithium-pyridine adduct, 2-Bun(C5H5N)Li[(C5H5N)2]; its decomposition to 2-butylpyridine via a dihydropyridine. <i>Polyhedron</i> , 1988 , 7, 665-668	2.7	19
31	Isolation, characterisation, and solution structures of the bis(pyridine) complex of the n-butyllithium-pyridine adduct, Bun(C5H5N)Li⋅2C5H5N, its mode of decomposition, and ab initio calculations on model systems. <i>Journal of Organometallic Chemistry</i> , 1988 , 350, 191-205	2.3	22
30	Evidence for extreme activation of carbon-hydrogen bonds in [(PhCH2)2NNa]n: resultant carbon-hydrogen bond cleavage to give {[PhC(H)NC(H)Ph]Na ⋅ PMDETA}n. <i>Journal of the American Chemical Society</i> , 1988 , 110, 5235-5236	16.4	17
29	A Li8 cluster of three edge-connected Li4 tetrahedra held by Li⋅N, Li ? C, and Li ? Li interactions: crystal structure of (o-LiC6H4CH2)4Li⋅[CH2CH2NMe2]4 and detection of metal ? metal coupling within it by 7Li COSY n.m.r. spectroscopy. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 1241-1243		15
28	Syntheses and solid-state structures of trimeric dibenzylamidolithium and its diethyl ether and hexamethylphosphoramidate dimeric complexes: an explanation of these structures and evidence for Li ? CH interactions in both solid and solution phases. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988 , 617		42
27	Synthesis and crystal and solution structures of the 1 : 1 TMEDA complex of lithium thiocyanate, (LiSCN⋅TMEDA)n [TMEDA = Me2N(CH2)2NMe2]: a polymeric solid with Li+ ions linked by bifunctional linear SCN⋅ ligands. <i>Journal of the Chemical Society Chemical Communications</i> , 1988 , 145-147		10

- 26 Reactions of ammonium salts with butyllithium and with lithium hydride: new routes to fully anhydrous inorganic lithium complexes. *Journal of the American Chemical Society*, **1987**, 109, 7891-7893 16.4 28
- 25 Three model structural types in lithium amide chemistry: the crystal and molecular structures of dimeric $[\text{Ph}(\text{Me})\text{NLi}(\text{TMEDA})_2]$ (TMEDA = $\text{Me}_2\text{NCH}_2\text{CH}_2\text{NMe}_2$) and monomeric $\text{Ph}(\text{naphthyl})\text{NLi}(\text{PMDETA})$ [PMDETA = $\text{MeN}(\text{CH}_2\text{CH}_2\text{NMe}_2)_2$], and of $[\text{Ph}(\text{naphthyl})\text{NLi}(\text{TMEDA})_2]$, a
- 24 The syntheses and crystal structures of two iminolithium adducts: $(\text{Ph}_2\text{CNLi}(\text{INC}_5\text{H}_5))_4$, a tetrameric pseudo-cubane formed by stacking two $(\text{LiN})_2$ four-membered rings, and $[\text{But}_2\text{CNLi}(\text{OP}(\text{NMe}_2)_3)]_2$, a dimer prevented sterically from stacking. *Journal of the Chemical Society Dalton Transactions*, **1987**, 2141-2147 18
- 23 The ring-stacking principle in organolithium chemistry: its development through the isolation and crystal structures of hexameric iminolithium clusters $(\text{RR}'_2\text{CNLi})_6$ ($\text{R}' = \text{Ph}$, $\text{R} = \text{But}$ or Me_2N ; $\text{R} = \text{R}' = \text{Me}_2\text{N}$ or But). *Journal of the Chemical Society Dalton Transactions*, **1987**, 1071-1081 40
- 22 Structure and bonding of the lithium tetrahydroborate-tetramethylethylenediamine adduct $(\text{TMEDA}(\text{LiBH}_4))_2$, a centrosymmetric dimer containing doubly and triply bridging hydrogen atoms. *Journal of the Chemical Society Chemical Communications*, **1987**, 630-632 36
- 21 Isolation and solution structures of $\{\text{PhCH}_2\text{NLiCH}_2\text{CH}_2\text{NMe}_2\}_n$ and of the totally rigid dilithium compound, $\{o\text{-LiC}_6\text{H}_4\text{CH}_2\text{NLiCH}_2\text{CH}_2\text{NMe}_2\}_n$; evidence for $\text{Li}\cdots\text{HC}$ interactions. *Journal of Organometallic Chemistry*, **1987**, 325, C1-C6 2.3 8
- 20 X-ray crystallographic and solution studies of the pentamethyldiethylenetriamine and tetramethylethylenediamine adducts of lithium diphenylphosphide. *Polyhedron*, **1987**, 6, 987-993 2.7 36
- 19 Variable-temperature and-concentration ^1H and ^7Li NMR studies of solutions of hexameric iminolithium compounds, $(\text{R}_1\text{R}_2\text{C}'\text{NLi})_6$. *Magnetic Resonance in Chemistry*, **1986**, 24, 713-717 2.1 5
- 18 Bond indices, enthalpies and relative stabilities of real and hypothetical closo- B_nH_c clusters ($n = 5$ to 12 ; $c = 0, 2$ or 4) as revealed by the molecular-orbital bond index method. *Polyhedron*, **1986**, 5, 1437-1447 2.7 13
- 17 Crystal structure of sodium iodide(diglyme): An unprecedented bridging role for diglyme. *Polyhedron*, **1986**, 5, 2109-2111 2.7 6
- 16 The synthesis and X-ray structural characterisation of the first mixed alkali metal organonitrogen molecular cluster $\text{LiNa}_3[\text{OP}(\text{NMe}_2)_3]_3[\text{NC}(\text{NMe}_2)_2]_4$. *Journal of the Chemical Society Chemical Communications*, **1986**, 1740-1742 16
- 15 High-field lithium-7 nuclear magnetic resonance spectroscopic and cryoscopic relative molecular mass studies on solutions of amido- and imido-lithium compounds. *Journal of the Chemical Society Dalton Transactions*, **1986**, 557 18
- 14 The isolation of a highly arene-soluble alkali metal tetrafluoroborate complex, $\text{LiBF}_4(\text{HMPA})$ [HMPA = $\text{OP}(\text{NMe}_2)_3$]: evidence for strong $\text{Li}\cdots\text{F}$ interactions in solution. *Journal of the Chemical Society Chemical Communications*, **1986**, 127-129 8
- 13 The laddering principle in lithium amide chemistry: the crystal and molecular structure of the pyrrolidolithium adduct $[\text{H}_2\text{C}(\text{CH}_2)_3\text{NLi}]_3[\text{MeN}(\text{CH}_2\text{CH}_2\text{NMe}_2)_2]$. *Journal of the Chemical Society Chemical Communications*, **1986**, 869-870 67
- 12 Bonding implications of interatomic distances and ligand orientations in the iminolithium hexamers $[\text{LiNC}(\text{Ph})\text{But}]_6$ and $[\text{LiNC}(\text{Ph})\text{NMe}_2]_6$: a stacked-ring approach to these and related oligomeric organolithium systems. *Journal of the Chemical Society Chemical Communications*, **1986**, 295-297 42
- 11 Cluster bonding and energetics of the borane anions, $\text{B}_n\text{H}_n^{2-}$ ($n = 5$ to 12): A comparative study using bond length and bond enthalpy. *Polyhedron*, **1985**, 4, 1875-1881 2.7 12
- 10 Crystal and Solution Structures of $[\text{tBu}_2\text{C}'\text{NLi}(\text{OP}(\text{NMe}_2)_3)]_n$. *Angewandte Chemie International Edition in English*, **1985**, 24, 328-329 14
- 9 Struktur von $[\text{tBu}_2\text{C}'\text{NLi}(\text{OP}(\text{NMe}_2)_3)]_n$ im Kristall und in Lösung. *Angewandte Chemie*, **1985**, 97, 322-323 3.6 7

- 8 X-Ray crystal structure of $\{Li[OP(NMe_2)_3]_4\}^+ [Li_5[N(CPh_2)_6][OP(NMe_2)_3]]^-$ a lithium 'ate' complex, with a pentanuclear Li_5 clustered-anion having both μ_2 edge and μ_3 face nitrogen to lithium bonding. *Journal of the Chemical Society Chemical Communications*, **1984**, 226-227 15
- 7 The isolation and crystal structure of $[Ph(2-Pyr)NLi][HMPA][Ph(2-Pyr)NH]$; a model monomeric organonitrogen-lithium species containing co-ordination of lithium by both an anchimeric pyridyl N-atom and by a potentially reactive amine ligand. *Journal of the Chemical Society Chemical Communications*, **1984**, 146-148 34
- 6 The isolation and crystal structure of $\{Li[H_2O]_2[OP(NMe_2)_3]\}_2 \cdot 2Cl$ a $(LiO)_2$ ring compound with bridging neutral oxygen (hexamethylphosphoramide) ligands. *Journal of the Chemical Society Chemical Communications*, **1984**, 974-975 6
- 5 Crystal structures of $(Ph_2CNLi[NC_5H_5])_4$ and $[ClLi[OP(NMe_2)_3]]_4$; discrete tetrameric pseudo-cubane clusters with bridging of Li_3 triangles by nitrogen and by chlorine atoms. *Journal of the Chemical Society Chemical Communications*, **1984**, 79-80 44
- 4 The structural isomers of $\{[Ph(2-pyridyl)NLi][OP(NMe_2)_3]\}_2$: dimeric species with alternative central $(LiN)_2$ and $(LiO)_2$ rings, the latter involving unprecedented neutral bridging oxygen ligands. *Journal of the Chemical Society Chemical Communications*, **1984**, 700-701 27
- 3 Trimeric dibenzylamidolithium and its dimeric diethyl ether and hexamethylphosphoramide complexes: structural and theoretical studies of reactive organonitrogen-lithium oligomers. *Journal of the Chemical Society Chemical Communications*, **1984**, 285-287 47
- 2 Evidence for $CH \cdots Li$ interactions in the solid state structure of dibenzylamido-lithium, and in solutions of it and its complexes: coloured species due to benzyl-lithium charge transfer. *Journal of the Chemical Society Chemical Communications*, **1984**, 287 18
- 1 Investigations of Diesel Injector Deposits Characterization and Testing 1