

Alan Kennedy

List of Publications by Year in descending order

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258
papers

8,064
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50276

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91884

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all docs

265
docs citations

265
times ranked

4558
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed ortho-meta ²⁻ and meta-meta ²⁻ dimetalations: A template base approach to deprotonation. <i>Science</i> , 2014, 346, 834-837.	12.6	173
2	Introducing Deep Eutectic Solvents to Polar Organometallic Chemistry: Chemoselective Addition of Organolithium and Grignard Reagents to Ketones in Air. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5969-5973.	13.8	158
3	Sodium Dialkyl-amidozincates: Alkyl or Amido Bases? An Experimental and Theoretical Case Study. <i>Journal of the American Chemical Society</i> , 2005, 127, 6184-6185.	13.7	137
4	Synergic Sedation of Sensitive Anions: Alkali-Mediated Zincation of Cyclic Ethers and Ethene. <i>Science</i> , 2009, 326, 706-708.	12.6	136
5	Oxidative Addition of Aryl Electrophiles to a Prototypical Nickel(0) Complex: Mechanism and Structure/Reactivity Relationships. <i>Organometallics</i> , 2017, 36, 1662-1672.	2.3	135
6	Chasing the "Killer" Phonon Mode for the Rational Design of Low Disorder, High Mobility Molecular Semiconductors. <i>Advanced Materials</i> , 2019, 31, e1902407.	21.0	126
7	Cleave and capture chemistry illustrated through bimetallic-induced fragmentation of tetrahydrofuran. <i>Nature Chemistry</i> , 2010, 2, 588-591.	13.6	123
8	Exploiting Deep Eutectic Solvents and Organolithium Reagent Partnerships: Chemoselective Ultrafast Addition to Imines and Quinolines Under Aerobic Ambient Temperature Conditions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16145-16148.	13.8	123
9	Unmasking Representative Structures of TMP-Active Hauser and Turbo-Hauser Bases. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8079-8081.	13.8	114
10	Chromophore containing bipyridyl ligands. Part 1: supramolecular solid-state structure of Ag(I) complexes. <i>New Journal of Chemistry</i> , 2005, 29, 826.	2.8	111
11	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
12	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
13	Lithium diamidodihydroaluminates: bimetallic cooperativity in catalytic hydroboration and metallation applications. <i>Chemical Communications</i> , 2018, 54, 1233-1236.	4.1	103
14	Selective Meta-Deprotonation of Toluene by Using Alkali-Metal-Mediated Magnesiumation. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 3459-3462.	13.8	99
15	Hydride encapsulation in s-block metal inverse crown chemistry. <i>Chemical Communications</i> , 2002, , 376-377.	4.1	98
16	Alkali Metal Cation Interactions Stabilized Solely by [M{N(SiMe ₃) ₂ }] ₃ ⁻ Anions (M = Mg or Zn): The Competing Influence of Alkali Metal Agostic Interactions. <i>Organometallics</i> , 2002, 21, 5115-5121.	2.3	93
17	Exploiting Coordination Isomerism to Prepare Homologous Organoalkali Metal (Li, Na, K) Monomers with Identical Ligand Sets. <i>Chemistry - A European Journal</i> , 2011, 17, 3364-3369.	3.3	93
18	Alkali-Metal-Mediated Zincation of Ferrocene: Synthesis, Structure, and Reactivity of a Lithium Tmp/Zincate Reagent. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6018-6021.	13.8	85

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19	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.	13.8	83
20	Supramolecular Motifs in s-Block Metal-Bound Sulfonated Monoazo Dyes, Part 1: Structural Class Controlled by Cation Type and Modulated by Sulfonate Aryl Ring Position. <i>Chemistry - A European Journal</i> , 2004, 10, 4606-4615.	3.3	77
21	Alkali-metal-mediated zincation (AMMZn) meets N-heterocyclic carbene (NHC) chemistry: Zn-H exchange reactions and structural authentication of a dinuclear Au(I) complex with a NHC anion. <i>Chemical Science</i> , 2013, 4, 4259.	7.4	77
22	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, 13106-13107.	13.7	71
23	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> , 2005, 44, 68-72.	13.8	70
24	TEMPO: a novel chameleonic ligand for s-block metal amide chemistry. <i>Chemical Communications</i> , 2001, , 1400-1401.	4.1	69
25	Alkali-Metal-Mediated Manganation: A Method for Directly Attaching Manganese(II) Centers to Aromatic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1105-1108.	13.8	69
26	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.	3.3	69
27	An Unprecedented Hexapotassium-Hexamagnesium 24-Membered Macrocyclic Amide: A Polymetallic Cationic Host to Six Monodeprotonated Arene Anions. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1960-1962.	13.8	68
28	Isolation and characterisation of the mixed-metal alkyl amide [(TMEDA)Na(1/4-Bu)(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
29	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
30	Thienoacene dimers based on the thieno[3,2-b]thiophene moiety: synthesis, characterization and electronic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 674-685.	5.5	62
31	Dizincation and dimagnesiumation of benzene using alkali-metal-mediated metallation. <i>Chemical Communications</i> , 2007, , 598-600.	4.1	59
32	Structurally Engineered Deprotonation/Alumination of THF and THTP with Retention of Their Cycloanionic Structures. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9388-9391.	13.8	56
33	Rational synthesis of normal, abnormal and anionic NHC-gallium alkyl complexes: structural, stability and isomerization insights. <i>Chemical Science</i> , 2015, 6, 5719-5728.	7.4	56
34	Organometallic Polymers Assembled from Cation-π 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, 4418-4432.	3.3	55
35	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, 3317-3321.	13.8	55
36	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, 4662-4666.	13.8	53

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37	Synthesis and characterization of an infinite sheet of metal-alkyl bonds: unfolding the elusive structure of an unsolvated alkali-metal trisalkylmagnesiates. <i>Chemical Communications</i> , 2011, 47, 388-390.	4.1	53
38	Alkali-Metal-Mediated Manganation(II) 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.	3.3	52
39	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.	3.3	52
40	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, 3800-3807.	3.3	51
41	Facile synthesis of a genuinely alkane-soluble but isolable lithium hydride transfer reagent. <i>Chemical Communications</i> , 2015, 51, 5452-5455.	4.1	51
42	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) _x (O) _y]. <i>Chemical Communications</i> , 2000, , 1759-1760.	4.1	49
43	The First Red Azo Lake Pigment whose Structure is Characterized by Single Crystal Diffraction. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 638-640.	13.8	48
44	Inverse crown ether™ complexes: extension to potassium through the synthesis of [K ₂ (Me ₃ Si) ₂ N ₂] ₄ K ₂ Mg ₂ (O ₂) ₂], a peroxy-centred macrocycle linked into infinite chains by intermolecular C-H...O interactions. <i>Chemical Communications</i> , 1999, , 353-354.	4.1	47
45	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
46	Structurally-defined potassium-mediated regioselective zincation of amino- and alkoxy-substituted pyridines. <i>Chemical Communications</i> , 2008, , 2638.	4.1	47
47	Speciation Control During Suzuki-Miyaura Cross-Coupling of Haloaryl and Haloalkenyl MIDA Boronic Esters. <i>Chemistry - A European Journal</i> , 2015, 21, 8951-8964.	3.3	47
48	Manganese(ii)-lithium and -sodium inverse crown ether (ICE) complexes. <i>Chemical Communications</i> , 2008, , 308-310.	4.1	46
49	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.	2.0	46
50	Synthesis, Structural Elucidation, and Diffusion-Ordered NMR Studies of Homoleptic Alkyl lithium Magnesiates: Donor-Controlled Structural Variations in Mixed-Metal Chemistry. <i>Organometallics</i> , 2012, 31, 5131-5142.	2.3	45
51	Monomerizing Alkali-Metal 3,5-Dimethylbenzyl Salts with Tris(<i>i</i> -N ₂) ₂ . <i>Inorganic Chemistry</i> , 2013, 52, 12023-12032.	4.0	45
52	Accessing Sodium Ferrate Complexes Containing Neutral and Anionic N-Heterocyclic Carbene Ligands: Structural, Synthetic, and Magnetic Insights. <i>Inorganic Chemistry</i> , 2015, 54, 9201-9210.	4.0	45
53	New lithium-zincate approaches for the selective functionalisation of pyrazine: direct dideprotozincation vs. nucleophilic alkylation. <i>Chemical Communications</i> , 2012, 48, 1985.	4.1	44
54	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.	13.8	44

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55	Interrogating Pd(II) Anion Metathesis Using a Bifunctional Chemical Probe: A Transmetalation Switch. <i>Journal of the American Chemical Society</i> , 2018, 140, 126-130.	13.7	44
56	Potassium-zinc induced synergic enhancement of the basicity of hexamethyldisilazide (HMDS) towards methylbenzene molecules. <i>Chemical Communications</i> , 2003, , 406-407.	4.1	43
57	Synthesis and characterisation of a series of alkylmagnesium amide and related oxygen-contaminated α -alkoxy compounds. <i>Dalton Transactions</i> , 2005, , 1532-1544.	3.3	43
58	Systematic Data Set for Structure-Property Investigations: Solubility and Solid-State Structure of Alkaline Earth Metal Salts of Benzoates. <i>Crystal Growth and Design</i> , 2011, 11, 1318-1327.	3.0	43
59	Developing catalytic applications of cooperative bimetallics: competitive hydroamination/trimerization reactions of isocyanates catalysed by sodium magnesiate. <i>Chemical Communications</i> , 2013, 49, 8659.	4.1	43
60	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
61	Alkali-metal-alkyl-2,2-dihydropyridines: Soluble Hydride Surrogates for Catalytic Dehydrogenative Coupling and Hydroboration Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 16853-16861.	3.3	43
62	Synthesis and Characterization of New Mixed-Metal Sodium-Magnesium Enolates Derived from 2,4,6-Trimethylacetophenone. <i>Organometallics</i> , 2006, 25, 1778-1785.	2.3	42
63	Structurally Powered Synergic 2,2,6,6-Tetramethylpiperidine Bimetallics: New Reflections through Lithium-Mediated Ortho-Aluminations. <i>Inorganic Chemistry</i> , 2011, 50, 12241-12251.	4.0	42
64	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, 6725-6730.	3.3	42
65	Structurally Defined Zincated and Aluminated Complexes of Ferrocene Made by Alkali-Metal Synergistic Syntheses. <i>Organometallics</i> , 2015, 34, 2580-2589.	2.3	42
66	Exploiting Deep Eutectic Solvents and Organolithium Reagent Partnerships: Chemoselective Ultrafast Addition to Imines and Quinolines Under Aerobic Ambient Temperature Conditions. <i>Angewandte Chemie</i> , 2016, 128, 16379-16382.	2.0	42
67	Utilising Sodium-Mediated Ferration for Regioselective Functionalisation of Fluoroarenes via C-H and C-F Bond Activations. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 187-191.	13.8	41
68	Supramolecular motifs in s-block metal bound sulfonated monoazo dyes. <i>Dalton Transactions RSC</i> , 2001, , 2199-2205.	2.3	40
69	Metal-organic and supramolecular lead networks assembled from isomeric nicotinoylhydrazone blocks: the effects of ligand geometry and counter-ion on topology and supramolecular assembly. <i>CrystEngComm</i> , 2016, 18, 5375-5385.	2.6	40
70	Lithium-Aluminate-Catalyzed Hydrophosphination Applications. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12291-12296.	13.8	40
71	Structurally Defined Potassium-Mediated Zincation of Pyridine and 4-Substituted Pyridines (R=Et). <i>Chemical Communications</i> , 2009, 15, 7074-7082.	3.3	39
72	Structural and Mechanistic Insights into s-Block Bimetallic Catalysis: Sodium Magnesiate-Catalyzed Guanylation of Amines. <i>Chemistry - A European Journal</i> , 2016, 22, 17646-17656.	3.3	39

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73	Alkene Dioxygenation with Malonoyl Peroxides: Synthesis of \hat{I}^3 -Lactones, Isobenzofuranones, and Tetrahydrofurans. <i>Organic Letters</i> , 2016, 18, 3102-3105.	4.6	38
74	Lithium Dimethyl(amido)zinc Complexes: A Contrasting Zincate (Amido = TMP) and Inverse Zincate (Amido) Tj ETQq0,0 0 rgBT, /Overlock	2.3	37
75	Transforming LiTMP Lithiation of Challenging Diazines through Gallium Alkyl Transmetal Trapping. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13147-13150.	13.8	37
76	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and \hat{a} ceParanormal Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 14075-14079.	13.8	36
77	Synthesis and characterisation of an N-heterocyclic carbene with spatially-defined steric impact. <i>Dalton Transactions</i> , 2016, 45, 11772-11780.	3.3	36
78	Ligand-induced reactivity of \hat{I}^2 -diketiminato magnesium complexes for regioselective functionalization of fluoroarenes via C-H or C-F bond activations. <i>Chemical Communications</i> , 2017, 53, 11650-11653.	4.1	36
79	Synthesis and crystal structure of trimeric sodium 2,2,6,6-tetramethylpiperidide (NaTMP). <i>Journal of Organometallic Chemistry</i> , 1999, 587, 88-92.	1.8	35
80	Lithol Red: A Systematic Structural Study on Salts of a Sulfonated Azo Pigment. <i>Chemistry - A European Journal</i> , 2012, 18, 3064-3069.	3.3	35
81	Concealed Cyclotrimeric Polymorph of Lithium 2,2,6,6-tetramethylpiperidide Unconcealed: X-Ray Crystallographic and NMR Spectroscopic Studies. <i>Chemistry - A European Journal</i> , 2013, 19, 14069-14075.	3.3	35
82	Lithium, sodium and potassium picolyl complexes: syntheses, structures and bonding. <i>Dalton Transactions</i> , 2014, 43, 14265-14274.	3.3	35
83	Synthesis and Structural Elucidation of Alkyl, Amido, and Mixed Alkyl Amido \hat{a} ceHighly-Coordinated Zincates. <i>Organometallics</i> , 2008, 27, 6063-6070.	2.3	34
84	Modulation of coordination in pincer-type isonicotinohydrazone Schiff base ligands by proton transfer. <i>CrystEngComm</i> , 2019, 21, 108-117.	2.6	34
85	Opening the black box of mixed-metal TMP metallating reagents: direct cadmation or lithium-cadmium transmetallation?. <i>Chemical Science</i> , 2012, 3, 2700.	7.4	33
86	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
87	Rational Design of Molecular Sheets Composed of Interconnecting Eight- and Twenty-Four-Membered Rings: A Use of Lithiated Aggregates To Control Network Assembly. <i>Inorganic Chemistry</i> , 2003, 42, 2839-2841.	4.0	32
88	Lithium Dihydropyridine Dehydrogenation Catalysis: A Group 1 Approach to the Cyclization of Diamine Boranes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1036-1041.	13.8	32
89	Synthesis and Crystal Structure of $\{n\text{BuMg}(\hat{I}^1/4\text{-TMP})\}_2$ and of a Homometallic Inverse Crown in Tetranuclear $\{n\text{BuMg}_2[\hat{I}^1/4\text{-N(H)Dipp}]_2(\hat{I}^1/3\text{-OnBu})\}_2$. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1709-1712.	13.8	31
90	Bis[(trimethylsilyl)methyl]manganese: Structural Variations of Its Solvent-Free and TMEDA-, Pyridine-, and Dioxane-Complexed Forms. <i>Organometallics</i> , 2009, 28, 2112-2118.	2.3	31

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91	Developing a Heteroalkali-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, 8820-8831.	3.3	31
92	Mechanistic insights into the malonoyl peroxide syn-dihydroxylation of alkenes. <i>Chemical Science</i> , 2014, 5, 1777-1785.	7.4	31
93	Alkene <i>anti</i> -Dihydroxylation with Malonoyl Peroxides. <i>Organic Letters</i> , 2015, 17, 5132-5135.	4.6	31
94	Alkali metal and stoichiometric effects in intermolecular hydroamination catalysed by lithium, sodium and potassium magnesiates. <i>Dalton Transactions</i> , 2019, 48, 8122-8130.	3.3	31
95	Rubidium and caesium aluminyls: synthesis, structures and reactivity in C-H bond activation of benzene. <i>Chemical Communications</i> , 2022, 58, 1390-1393.	4.1	31
96	Supramolecular Motifs in s-Block Metal-Bound Sulfonated Monoazo Dyes: The Case of Orange G. <i>Inorganic Chemistry</i> , 2006, 45, 2965-2971.	4.0	30
97	Magnesium-Mediated Benzothiazole Activation: A Room-Temperature Cascade of C-H Deprotonation, C-C Coupling, Ring-Opening, and Nucleophilic Addition Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9857-9860.	13.8	30
98	C-N Bond Activation and Ring Opening of a Saturated N-Heterocyclic Carbene by Lateral Alkali-Metal-Mediated Metalation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6632-6635.	13.8	30
99	Stoichiometrically-controlled reactivity and supramolecular storage of butylmagnesiates anions. <i>Chemical Communications</i> , 2005, , 1131.	4.1	29
100	Supramolecular Structure in s-Block Metal Complexes of Sulfonated Monoazo Dyes: Discrepant Packing and Bonding Behavior of <i>ortho</i> -Sulfonated Azo Dyes. <i>Chemistry - A European Journal</i> , 2009, 15, 9494-9504.	3.3	29
101	Structurally Stimulated Deprotonation/Alumination of the TMP Anion. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3182-3184.	13.8	29
102	Preparation of Polyfunctional Arylzinc Organometallics in Toluene by Halogen/Zinc Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12898-12902.	13.8	29
103	Ambient Moisture Accelerates Hydroamination Reactions of Vinylarenes with Alkali-Metal Amides under Air. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19021-19026.	13.8	29
104	Transamination chemistry of sodium TMP-zincate: synthesis and crystal structure of a chiral amidozincate. <i>Chemical Communications</i> , 2008, , 187-189.	4.1	28
105	Isomeric and chemical consequences of the direct magnesiation of 1,3-benzoxazoles using β -diketiminato-stabilized magnesium bases. <i>Chemical Science</i> , 2013, 4, 1895.	7.4	28
106	Trans-Metal-Trapping Meets Frustrated-Lewis-Pair Chemistry: Ga(CH ₂) ₂ SiMe ₃) ₃ -Induced C-H Functionalizations. <i>Inorganic Chemistry</i> , 2017, 56, 8615-8626.	4.0	28
107	Alkali Metal (Li, Na, K, Rb, Cs) Mediation in Magnesium Hexamethyldisilazide [Mg(HMDS) ₂] Catalysed Transfer Hydrogenation of Alkenes. <i>ChemCatChem</i> , 2021, 13, 2371-2378.	3.7	28
108	Fragmentation of Carbohydrate Anomeric Alkoxy Radicals: A New Synthesis of Chiral 1-Halo-1-iodo Alditols. <i>Chemistry - A European Journal</i> , 2003, 9, 5800-5809.	3.3	27

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109	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, , 375-377.	4.1	27
110	Fragmentation of Carbohydrate Anomeric Alkoxy Radicals: New Synthesis of Chiral 1-Fluoro-1-Chloro-1-Iodoalditols. <i>Chemistry - A European Journal</i> , 2008, 14, 6704-6712.	3.3	27
111	Zincate-Mediated Arylation Reactions of Acridine: Pre- and Postarylation Structural Insights. <i>Organometallics</i> , 2015, 34, 2614-2623.	2.3	27
112	Regioselective Three-Component Reaction of Pyridine <i>N</i> -Oxides, Acyl Chlorides, and Cyclic Ethers. <i>Organic Letters</i> , 2017, 19, 3512-3515.	4.6	27
113	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
114	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
115	Ionic Cocrystals of Pharmaceutical Compounds: Sodium Complexes of Carbamazepine. <i>Crystal Growth and Design</i> , 2014, 14, 6508-6513.	3.0	26
116	Potassium-alkyl magnesiate: synthesis, structures and Mg–H exchange applications of aromatic and heterocyclic substrates. <i>Chemical Communications</i> , 2014, 50, 12859-12862.	4.1	26
117	Impact of Systematic Structural Variation on the Energetics of π - π Stacking Interactions and Associated Computed Charge Transfer Integrals of Crystalline Diketopyrrolopyrroles. <i>Crystal Growth and Design</i> , 2014, 14, 4849-4858.	3.0	26
118	Evaluating the Thermal Vinylcyclopropane Rearrangement (VCPR) as a Practical Method for the Synthesis of Difluorinated Cyclopentenenes: Experimental and Computational Studies of Rearrangement Stereospecificity. <i>Chemistry - A European Journal</i> , 2014, 20, 14305-14316.	3.3	25
119	Understanding the Subtleties of Frustrated Lewis Pair Activation of Carbonyl Compounds by <i>N</i> -Heterocyclic Carbene/Alkyl Gallium Pairings. <i>Chemistry - A European Journal</i> , 2016, 22, 15826-15833.	3.3	25
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