

# Eva Hevia

## List of Publications by Citations

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185  
papers

5,348  
citations

41  
h-index

58  
g-index

206  
ext. papers

5,948  
ext. citations

7  
avg, IF

5.85  
L-index

#	Paper	IF	Citations
185	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> , <b>2014</b> , 53, 5969-73	16.4	126
184	Sodium dialkyl-amidozincates: alkyl or amido bases? An experimental and theoretical case study. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 6184-5	16.4	119
183	Directed meta-metalation using alkali-metal-mediated zincation. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 3775-8	16.4	105
182	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> , <b>2004</b> , 126, 11612-20	16.4	103
181	Unmasking representative structures of TMP-active Hauser and turbo-Hauser bases. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 8079-81	16.4	99
180	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> , <b>2016</b> , 55, 16145-16148	16.4	94
179	Selective meta-deprotonation of toluene by using alkali-metal-mediated magnesiation. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 3459-62	16.4	92
178	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> , <b>2006</b> , 45, 2374-7	16.4	88
177	Reactivity of Polar Organometallic Compounds in Unconventional Reaction Media: Challenges and Opportunities. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 6779-6799	3.2	87
176	Lithium diamidodihydroaluminates: bimetallic cooperativity in catalytic hydroboration and metallation applications. <i>Chemical Communications</i> , <b>2018</b> , 54, 1233-1236	5.8	85
175	Exposing the hidden complexity of stoichiometric and catalytic metathesis reactions by elucidation of Mg-Zn hybrids. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 5294-9	11.5	84
174	Split personality of lithium chloride: recent salt effects in organometallic recipes. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 6448-50	16.4	83
173	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> , <b>2006</b> , 45, 2370-4	16.4	81
172	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> , <b>2009</b> , 131, 2375-84	16.4	78
171	Alkali-metal-mediated zincation of ferrocene: synthesis, structure, and reactivity of a lithium tmp/zincate reagent. <i>Angewandte Chemie - International Edition</i> , <b>2005</b> , 44, 6018-21	16.4	78
170	Alkali-metal-mediated zincation of anisole: synthesis and structures of three instructive ortho-zincated complexes. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7434-5	16.4	74
169	Alkali-metal-mediated zincation (AMMZn) meets N-heterocyclic carbene (NHC) chemistry: ZnII exchange reactions and structural authentication of a dinuclear Au(I) complex with a NHC anion. <i>Chemical Science</i> , <b>2013</b> , 4, 4259	9.4	71

168	Organozinc pivalate reagents: segregation, solubility, stabilization, and structural insights. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 2706-10	16.4	69
167	The Future of Polar Organometallic Chemistry Written in Bio-Based Solvents and Water. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 14854-14863	4.8	68
166	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> , <b>2005</b> , 127, 13106-7	16.4	64
165	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> , <b>2004</b> , 44, 68-72	16.4	63
164	Isolation and characterisation of the mixed-metal alkyl amide [(TMEDA)Na( $\mu$ -Bu)( $\mu$ -TMP)Mg(TMP)], an unexpected chelate-trapped intermediate in the formation of inverse crowns. <i>Chemical Communications</i> , <b>2004</b> , 2422-3	5.8	62
163	Alkali-metal-mediated zincation of polycyclic aromatic hydrocarbons: synthesis and structures of mono- and dizincated naphthalenes. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 6548-50	16.4	58
162	TMP (2,2,6,6-tetramethylpiperidide)-aluminate bases: lithium-mediated alumination or lithiation/alkylaluminium-trapping reagents?. <i>Chemical Science</i> , <b>2014</b> , 5, 3031-3045	9.4	57
161	Dizincation and dimagnesiumation of benzene using alkali-metal-mediated metallation. <i>Chemical Communications</i> , <b>2007</b> , 598-600	5.8	54
160	Rational synthesis of normal, abnormal and anionic NHC-gallium alkyl complexes: structural, stability and isomerization insights. <i>Chemical Science</i> , <b>2015</b> , 6, 5719-5728	9.4	51
159	Lewis base stabilized lithium TMP-aluminates: an unexpected fragmentation and capture reaction involving cyclic ether 1,4-dioxane. <i>Chemical Communications</i> , <b>2007</b> , 2402-4	5.8	49
158	Directed meta-Metalation Using Alkali-Metal-Mediated Zincation. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 3859-3862	16.4	49
157	Synthetic and structural insights into the zincation of toluene: direct synergic ring metallation versus indirect nonsynergic lateral metallation. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3800-7	4.8	48
156	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> , <b>2008</b> , 14, 65-72	4.8	48
155	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> , <b>2011</b> , 47, 388-90	5.8	46
154	Introducing Deep Eutectic Solvents to Polar Organometallic Chemistry: Chemoselective Addition of Organolithium and Grignard Reagents to Ketones in Air. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 6079-6083	3.6	45
153	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> , <b>2010</b> , 132, 9480-7	16.4	45
152	New synthetic routes to cationic rhenium tricarbonyl bipyridine complexes with labile ligands. <i>Inorganic Chemistry</i> , <b>2002</b> , 41, 4673-9	5.1	45
151	Synthesis, Structural Elucidation, and Diffusion-Ordered NMR Studies of Homoleptic Alkylaluminum Magnesiates: Donor-Controlled Structural Variations in Mixed-Metal Chemistry. <i>Organometallics</i> , <b>2012</b> , 31, 5131-5142	3.8	44

150	Structurally-defined direct C-magnesiation and C-zincation of N-heterocyclic aromatic compounds using alkali-metal-mediated metallation. <i>Chemical Communications</i> , <b>2007</b> , 2864-6	5.8	44
149	Donor-influenced Structure-Activity Correlations in Stoichiometric and Catalytic Reactions of Lithium Monoamido-Monohydrido-Dialkylaluminates. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 9940-9948	4.8	43
148	Gespaltene Persönlichkeit von Lithiumchlorid: Salzeffekte in metallorganischen Synthesen. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 6576-6578	3.6	43
147	Shedding new light on ZnCl <sub>2</sub> -mediated addition reactions of Grignard reagents to ketones: structural authentication of key intermediates and diffusion-ordered NMR studies. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 4470-9	4.8	42
146	Unmasking Representative Structures of TMP-Active Hauser and Turbo-Hauser Bases. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 8199-8201	3.6	42
145	Insertion of unsaturated organic electrophiles into molybdenumbond-alkoxide and rheniumbond-alkoxide bonds of neutral, stable carbonyl complexes. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 4510-21	4.8	42
144	Selective Meta-Deprotonation of Toluene by Using Alkali-Metal-Mediated Magnesiation. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 3525-3528	3.6	41
143	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> , <b>2008</b> , 47, 731-4	16.4	40
142	Accessing sodium ferrate complexes containing neutral and anionic N-heterocyclic carbene ligands: structural, synthetic, and magnetic insights. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9201-10	5.1	39
141	Structurally-defined potassium-mediated regioselective zincation of amino- and alkoxy-substituted pyridines. <i>Chemical Communications</i> , <b>2008</b> , 2638-40	5.8	39
140	Synthesis and characterisation of a series of alkylmagnesium amide and related oxygen-contaminated "alkoxy" compounds. <i>Dalton Transactions</i> , <b>2005</b> , 1532-44	4.3	39
139	Reactivity of molybdenum and rhenium hydroxo-carbonyl complexes toward organic electrophiles. <i>Chemistry - A European Journal</i> , <b>2004</b> , 10, 1765-77	4.8	39
138	Introducing Glycerol as a Sustainable Solvent to Organolithium Chemistry: Ultrafast Chemoselective Addition of Aryllithium Reagents to Nitriles under Air and at Ambient Temperature. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1720-1725	4.8	39
137	Exploiting Deep Eutectic Solvents and Organolithium Reagent Partnerships: Chemoselective Ultrafast Addition to Imines and Quinolines Under Aerobic Ambient Temperature Conditions. <i>Angewandte Chemie</i> , <b>2016</b> , 128, 16379-16382	3.6	38
136	Developing catalytic applications of cooperative bimetallics: competitive hydroamination/trimerization reactions of isocyanates catalysed by sodium magnesiates. <i>Chemical Communications</i> , <b>2013</b> , 49, 8659-61	5.8	37
135	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> , <b>2006</b> , 118, 2434-2437	3.6	37
134	Organozinc Pivalate Reagents: Segregation, Solubility, Stabilization, and Structural Insights. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 2744-2748	3.6	36
133	New lithium-zincate approaches for the selective functionalisation of pyrazine: direct dideprotonation vs. nucleophilic alkylation. <i>Chemical Communications</i> , <b>2012</b> , 48, 1985-7	5.8	36

132	Synthesis and Characterization of New Mixed-Metal Sodium/Magnesium Enolates Derived from 2,4,6-Trimethylacetophenone <i>Organometallics</i> , <b>2006</b> , 25, 1778-1785	3.8	36
131	Lithium Dimethyl(amido)zinc Complexes: Contrasting Zincate (Amido = TMP) and Inverse Zincate (Amido = HMDS) Structures on Addition of TMEDA. <i>Organometallics</i> , <b>2006</b> , 25, 3297-3300	3.8	36
130	Structural and Mechanistic Insights into s-Block Bimetallic Catalysis: Sodium Magnesiato-Catalyzed Guanylation of Amines. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 17646-17656	4.8	34
129	Expanding Mg-Zn hybrid chemistry: inorganic salt effects in addition reactions of organozinc reagents to trifluoroacetophenone and the implications for a synergistic lithium-magnesium-zinc activation. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 8333-41	4.8	34
128	Structurally defined potassium-mediated zincation of pyridine and 4-R-substituted pyridines (R = Et, iPr, tBu, Ph, and Me <sub>2</sub> N) by using dialkyl-TMP-zincate bases. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 7074-82	4.8	34
127	Synthesis of beta-lactams from a N-rhenamine: effect of the transition metal on the energetic profile of the Staudinger reaction. <i>Journal of the American Chemical Society</i> , <b>2003</b> , 125, 3706-7	16.4	34
126	New Octahedral Rhenium(I) Tricarbonyl Amido Complexes. <i>Organometallics</i> , <b>2002</b> , 21, 1966-1974	3.8	34
125	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> , <b>2015</b> , 54, 14075-9	16.4	33
124	Structurally Defined Zincated and Aluminated Complexes of Ferrocene Made by Alkali-Metal Synergistic Syntheses. <i>Organometallics</i> , <b>2015</b> , 34, 2580-2589	3.8	33
123	Isolation and structural elucidation of a key aluminoaromatic intermediate and evidence for dismutation phenomena in TMP-alumination chemistry. <i>Chemical Communications</i> , <b>2007</b> , 5241-3	5.8	33
122	Electronic structure and excited states of rhenium(I) amido and phosphido carbonyl-bipyridine complexes studied by picosecond time-resolved IR spectroscopy and DFT calculations. <i>Inorganic Chemistry</i> , <b>2006</b> , 45, 9789-97	5.1	33
121	Building an extended inverse crown motif via alkali-metal-mediated alpha-magnesiation of furan. <i>Chemical Communications</i> , <b>2006</b> , 417-9	5.8	33
120	Reactivity of the Amido Complex [Re(NHpTol)(CO) <sub>3</sub> (bipy)] toward Neutral Organic Electrophiles. <i>Organometallics</i> , <b>2003</b> , 22, 257-263	3.8	33
119	Concealed cyclotrimeric polymorph of lithium 2,2,6,6-tetramethylpiperidide unconcealed: X-ray crystallographic and NMR spectroscopic studies. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 14069-75	4.8	31
118	Contacted Ion-Pair Lithium Alkylamidoaluminates: Intramolecular Alumination (Al <sup>III</sup> Exchange) Traps for TMEDA and PMDETA. <i>Organometallics</i> , <b>2009</b> , 28, 6462-6468	3.8	31
117	Synthesis, Structural Authentication, and Structurally Defined Metalation Reactions of Lithium and Sodium DA-Zincate Bases (DA = diisopropylamide) with Phenylacetylene <i>Organometallics</i> , <b>2008</b> , 27, 2654-2663	3.8	31
116	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> , <b>2006</b> , 118, 2430-2434	3.6	31
115	Alkali-Metal-Mediated Zincation of Ferrocene: Synthesis, Structure, and Reactivity of a Lithium Tmp/Zincate Reagent. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 6172-6175	3.6	31

114	Alkali-metal mediated zincation of N-heterocyclic substrates using the lithium zincate complex, (THF)Li(TMP)Zn(tBu) <sub>2</sub> and applications in in situ cross coupling reactions. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 4590-4594	2	30
113	Synthesis and Structural Elucidation of Alkyl, Amido, and Mixed Alkyl/Amido Highly-Coordinated Zincates. <i>Organometallics</i> , <b>2008</b> , 27, 6063-6070	3.8	30
112	LiTMP Trans-Metal-Trapping of Fluorinated Aromatic Molecules: A Comparative Study of Aluminum and Gallium Carbanion Traps. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 9566-9570	16.4	29
111	Reactive Alkoxide Complexes of Groups 6 and 7 Metals. <i>Organometallics</i> , <b>2002</b> , 21, 1750-1752	3.8	29
110	Ligand-induced reactivity of $\eta^2$ -diketimate magnesium complexes for regioselective functionalization of fluoroarenes via C-H or C-F bond activations. <i>Chemical Communications</i> , <b>2017</b> , 53, 11650-11653	5.8	28
109	Organolithium-Initiated Polymerization of Olefins in Deep Eutectic Solvents under Aerobic Conditions. <i>ChemSusChem</i> , <b>2019</b> , 12, 3134-3143	8.3	28
108	Transforming LiTMP Lithiation of Challenging Diazines through Gallium Alkyl Trans-Metal-Trapping. <i>Angewandte Chemie - International Edition</i> , <b>2016</b> , 55, 13147-13150	16.4	28
107	Stoichiometrically-controlled reactivity and supramolecular storage of butylmagnesiato anions. <i>Chemical Communications</i> , <b>2005</b> , 1131-3	5.8	28
106	Synthesis and crystal structure of $[[nBuMg(\mu-TMP)]_2]$ and of a homometallic inverse crown in tetranuclear $[[nBuMg_2[\mu-N(H)Dipp]_2(\mu^3-OnBu)_2]$ . <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 1709-12	16.4	28
105	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> , <b>2005</b> , 117, 70-74	3.6	28
104	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> , <b>2011</b> , 50, 9857-60	16.4	27
103	Solvent-Free and TMEDA-Solvated Mixed Alkali Metal-Magnesium Tris-diisopropylamides. <i>European Journal of Inorganic Chemistry</i> , <b>2003</b> , 2003, 3347-3353	2.3	27
102	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> , <b>2017</b> , 56, 6632-6635	16.4	25
101	Structural and reactivity insights in Mg/Zn hybrid chemistry: Zn/Al exchange and Pd-catalysed cross-coupling applications of aromatic substrates. <i>Chemical Science</i> , <b>2014</b> , 5, 3552	9.4	25
100	Transamination chemistry of sodium TMP-zincate: synthesis and crystal structure of a chiral amidozincate. <i>Chemical Communications</i> , <b>2008</b> , 187-9	5.8	25
99	Alkali-Metal-Mediated Zincation of Polycyclic Aromatic Hydrocarbons: Synthesis and Structures of Mono- and Dizincated Naphthalenes. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 6698-6700	3.6	25
98	A new reactivity pattern of low-valent transition-metal hydroxo complexes: straightforward synthesis of hydrosulfido complexes via reaction with carbon disulfide. <i>Chemical Communications</i> , <b>2003</b> , 328-9	5.8	25
97	Main group bimetallic partnerships for cooperative catalysis. <i>Chemical Science</i> , <b>2020</b> , 12, 1982-1992	9.4	25



96	Alkali metal and stoichiometric effects in intermolecular hydroamination catalysed by lithium, sodium and potassium magnesiates. <i>Dalton Transactions</i> , <b>2019</b> , 48, 8122-8130	4.3	24
95	Utilising Sodium-Mediated Ferration for Regioselective Functionalisation of Fluoroarenes via C-H and C-F Bond Activations. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 187-191	16.4	24
94	Potassium-alkyl magnesiates: synthesis, structures and Mg-H exchange applications of aromatic and heterocyclic substrates. <i>Chemical Communications</i> , <b>2014</b> , 50, 12859-62	5.8	24
93	Synergic Para-Directed Monometalation of Bis(toluene)chromium by Alkali-Metal-Mediated Magnesiation. <i>Organometallics</i> , <b>2006</b> , 25, 2415-2418	3.8	24
92	Activation of Ancillary Ligands in the Reactions of DMAD with Phosphido and Alkylideneamido Rhenium Complexes. <i>Organometallics</i> , <b>2005</b> , 24, 1772-1775	3.8	23
91	Zincate-Mediated Arylation Reactions of Acridine: Pre- and Postarylation Structural Insights. <i>Organometallics</i> , <b>2015</b> , 34, 2614-2623	3.8	22
90	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> , <b>2008</b> , 1481-6	4.3	22
89	Isomeric and chemical consequences of the direct magnesiation of 1,3-benzoxazoles using $\mu$ -diketiminato-stabilized magnesium bases. <i>Chemical Science</i> , <b>2013</b> , 4, 1895	9.4	21
88	Reactivity of Molybdenum and Rhenium Hydroxo Complexes toward Organic Electrophiles: Reactions that Afford Carboxylato Products. <i>Organometallics</i> , <b>2006</b> , 25, 1717-1722	3.8	21
87	Understanding the Subtleties of Frustrated Lewis Pair Activation of Carbonyl Compounds by N-Heterocyclic Carbene/Alkyl Gallium Pairings. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 15826-15833	4.8	21
86	Polar organometallic strategies for regioselective C-H metallation of N-heterocyclic carbenes. <i>Chemical Communications</i> , <b>2018</b> , 54, 2455-2462	5.8	20
85	A record-breaking magnesium hydride molecular cluster: implications for hydrogen storage. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 9242-3	16.4	20
84	Regioselective magnesiation of N-heterocyclic molecules: securing insecure cyclic anions by a $\mu$ -diketiminato-magnesium clamp. <i>Chemical Communications</i> , <b>2017</b> , 53, 3653-3656	5.8	19
83	Trans-Metal-Trapping Meets Frustrated-Lewis-Pair Chemistry: Ga(CHSiMe)-Induced C-H Functionalizations. <i>Inorganic Chemistry</i> , <b>2017</b> , 56, 8615-8626	5.1	19
82	Co-complexation Syntheses, Structural Characterization, and DFT Studies of a Novel Series of Polymeric Alkali-Metal Tetraorganogallates. <i>Organometallics</i> , <b>2013</b> , 32, 480-489	3.8	19
81	Meta-metallation of N,N-dimethylaniline: Contrasting direct sodium-mediated zincation with indirect sodiation-dialkylzinc co-complexation. <i>Beilstein Journal of Organic Chemistry</i> , <b>2011</b> , 7, 1234-48	2.5	19
80	Synthesis and structural elucidation of solvent-free and solvated lithium dimethyl (HMDS) zincates. <i>Dalton Transactions</i> , <b>2008</b> , 1323-30	4.3	19
79	Metalation of 2,4,6-Trimethylacetophenone Using Organozinc Reagents: The Role of the Base in Determining Composition and Structure of the Developing Enolate. <i>Organometallics</i> , <b>2008</b> , 27, 5860-5865	3.8	18

78	Synthesis of Mixed Alkali-Metal/Zinc Enolate Complexes Derived from 2,4,6-Trimethylacetophenone: New Inverse Crown Structures. <i>Organometallics</i> , <b>2007</b> , 26, 204-209	3.8	18
77	s-Block cooperative catalysis: alkali metal magnesiate-catalysed cyclisation of alkynols. <i>Chemical Science</i> , <b>2019</b> , 10, 5821-5831	9.4	17
76	Preparation of Polyfunctional Arylzinc Organometallics in Toluene by Halogen/Zinc Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 12898-12902	16.4	17
75	New insights into addition reactions of dialkylzinc reagents to trifluoromethyl ketones: structural authentication of a beta-hydride elimination product containing a tetranuclear zinc chain. <i>Dalton Transactions</i> , <b>2010</b> , 520-6	4.3	17
74	Synergic synthesis of benzannulated zincabicyclic complexes, alpha-zincated N ylides, through sodium-TMEDA-mediated zincation of a haloarene. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 8675-8	16.4	17
73	Donor-dictated interlocking co-complexation reactions of LiNH <sub>2</sub> Dipp with dimethylzinc: synthesis and structures of new methyl(amido)zincates. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 5320-7	5.1	17
72	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> , <b>2007</b> , 1641-3	5.8	17
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33	Alkali Metal (Li, Na, K, Rb, Cs) Mediation in Magnesium Hexamethyldisilazide [Mg(HMDS) <sub>2</sub> ] Catalysed Transfer Hydrogenation of Alkenes. <i>ChemCatChem</i> , <b>2021</b> , 13, 2371-2378	5.2	7
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