

Eva Hevia

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.

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	Organometallic Complexes of the Alkali Metals 2022 ,		
184	Activation of polar organometallic reagents with alkali-metal alkoxides 2022 , 1, 195-202		2
183	Regioselective synthesis of 1,5-disubstituted 1,2,3-triazoles catalyzed by cooperative s-block bimetallics. <i>Chem Catalysis</i> , 2021 ,		4
182	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	5.2	7
181	Facilitating the Ferraion of Aromatic Substrates through Intramolecular Sodium Mediation. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 15296-15301	16.4	5
180	Progressing the Frustrated Lewis Pair Abilities of N-Heterocyclic Carbene/GaR Combinations for Catalytic Hydroboration of Aldehydes and Ketones. <i>Inorganic Chemistry</i> , 2021 , 60, 13784-13796	5.1	2
179	Facilitating the Ferraion of Aromatic Substrates through Intramolecular Sodium Mediation. <i>Angewandte Chemie</i> , 2021 , 133, 15424-15429	3.6	1
178	Advancing Air- and Moisture-Compatible s-Block Organometallic Chemistry Using Sustainable Solvents. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3116-3130	2.3	10
177	Regioselective Bromine/Magnesium Exchange for the Selective Functionalization of Polyhalogenated Arenes and Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 1513-1518	16.4	9
176	Tandem Mn-I Exchange and Homocoupling Processes Mediated by a Synergistically Operative Lithium Manganate. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 3247-3253	16.4	4
175	Regioselektiver Brom/Magnesium-Austausch für die selektive Funktionalisierung von polyhalogenierten Arenen und Heterozyklen. <i>Angewandte Chemie</i> , 2021 , 133, 1536-1541	3.6	4
174	Tandem Mn-Exchange and Homocoupling Processes Mediated by a Synergistically Operative Lithium Manganate. <i>Angewandte Chemie</i> , 2021 , 133, 3284-3290	3.6	2
173	Atom-efficient transition-metal-free arylation of α -acetals using diarylzinc reagents through Zn/Zn cooperativity. <i>Chemical Communications</i> , 2021 , 57, 8905-8908	5.8	0
172	Exploiting Deprotonative Co-complexation to Access Potassium Metal(ates) Supported by a Bulky Silyl(bis)amide Ligand. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 1016-1022	2.3	0
171	Untangling the Complexity of Mixed Lithium/Magnesium Alkyl/Alkoxy Combinations Utilised in Bromine/Magnesium Exchange Reactions. <i>Angewandte Chemie</i> , 2021 , 133, 7704-7709	3.6	1
170	The Anionic Pathway in the Nickel-Catalysed Cross-Coupling of Aryl Ethers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 24659-24667	16.4	8
169	Lateral Metallation and Redistribution Reactions of Sodium Ferrates Containing Bulky 2,6-Diisopropyl-N-(trimethylsilyl)anilide Ligands. <i>Chemistry - A European Journal</i> , 2021 , 27, 15180-15186	4.8	1

168	The Anionic Pathway in the Nickel-Catalysed Cross-Coupling of Aryl Ethers. <i>Angewandte Chemie</i> , 2021 , 133, 24864	3.6	1
167	Exploiting chemical cooperativity in main-group bimetallic catalysis. <i>Trends in Chemistry</i> , 2021 , 3, 803-806	4.8	6
166	Beyond Ni{N(SiMe ₃) ₂ } ₂ : Synthesis of a Stable Solvated Sodium Tris-Amido Nickelate. <i>Organometallics</i> , 2021 , 40, 442-447	3.8	6
165	Untangling the Complexity of Mixed Lithium/Magnesium Alkyl/Alkoxy Combinations Utilised in Bromine/Magnesium Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7626-7631	16.4	4
164	Boosting Conjugate Addition to Nitroolefins Using Lithium Tetraorganozincates: Synthetic Strategies and Structural Insights. <i>Chemistry - A European Journal</i> , 2020 , 26, 8742-8748	4.8	12
163	Combination of organocatalytic oxidation of alcohols and organolithium chemistry (RLi) in aqueous media, at room temperature and under aerobic conditions. <i>Chemical Communications</i> , 2020 , 56, 8932-8935	5.8	9
162	Structurally Mapping Alkyl and Amide Basicity in Zincate Chemistry: Diversity in the Synthesis of Mixed Sodium/Zinc Complexes and Their Applications in Enolate Formation. <i>Organometallics</i> , 2020 , 39, 4273-4281	3.8	1
161	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
160	Ultrafast amidation of esters using lithium amides under aerobic ambient temperature conditions in sustainable solvents. <i>Chemical Science</i> , 2020 , 11, 6500-6509	9.4	16
159	Towards a Paradigm Shift in Polar Organometallic Chemistry. <i>Chimia</i> , 2020 , 74, 681-688	1.3	6
158	Ambient Moisture Accelerates Hydroamination Reactions of Vinylarenes with Alkali-Metal Amides under Air. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 19021-19026	16.4	14
157	Lithium-mediated Ferration of Fluoroarenes. <i>Chimia</i> , 2020 , 74, 866-870	1.3	3
156	Ambient Moisture Accelerates Hydroamination Reactions of Vinylarenes with Alkali-Metal Amides under Air. <i>Angewandte Chemie</i> , 2020 , 132, 19183-19188	3.6	5
155	Main group bimetallic partnerships for cooperative catalysis. <i>Chemical Science</i> , 2020 , 12, 1982-1992	9.4	25
154	Molybdenum and rhenium carbonyl complexes containing thiolato ligands. <i>Journal of Organometallic Chemistry</i> , 2019 , 896, 113-119	2.3	5
153	s-Block cooperative catalysis: alkali metal magnesiate-catalysed cyclisation of alkynols. <i>Chemical Science</i> , 2019 , 10, 5821-5831	9.4	17
152	Alkali metal and stoichiometric effects in intermolecular hydroamination catalysed by lithium, sodium and potassium magnesiates. <i>Dalton Transactions</i> , 2019 , 48, 8122-8130	4.3	24
151	Organolithium-Initiated Polymerization of Olefins in Deep Eutectic Solvents under Aerobic Conditions. <i>ChemSusChem</i> , 2019 , 12, 3134-3143	8.3	28

150	Magnesium-mediated arylation of amines via C-F bond activation of fluoroarenes. <i>Chemical Communications</i> , 2019 , 55, 4339-4342	5.8	9
149	Preparation of Polyfunctional Arylzinc Organometallics in Toluene by Halogen/Zinc Exchange Reactions. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12898-12902	16.4	17
148	Herstellung von polyfunktionellen Arylzinkreagenzien in Toluol mittels Halogen/Zink-Austauschreaktionen. <i>Angewandte Chemie</i> , 2019 , 131, 13030-13034	3.6	7
147	Alkali Metal Effects in Trans-Metal-Trapping (TMT): Comparing LiTMP with NaTMP in Cooperative MTMP/Ga(CH ₂ SiMe ₃) ₃ Metaϭation Reactions. <i>Synthesis</i> , 2019 , 51, 1207-1215	2.9	8
146	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
145	Lithium diamidodihydridoaluminates: bimetallic cooperativity in catalytic hydroboration and metallation applications. <i>Chemical Communications</i> , 2018 , 54, 1233-1236	5.8	85
144	Polar organometallic strategies for regioselective C-H metallation of N-heterocyclic carbenes. <i>Chemical Communications</i> , 2018 , 54, 2455-2462	5.8	20
143	Utilising Sodium-Mediated Ferration for Regioselective Functionalisation of Fluoroarenes via Cϩ and Cϩ Bond Activations. <i>Angewandte Chemie</i> , 2018 , 130, 193-197	3.6	6
142	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	16.4	24
141	Structural and Synthetic Insights into Pyridine Homocouplings Mediated by a ϩDiketiminato Magnesium Amide Complex. <i>Chemistry - A European Journal</i> , 2018 , 24, 14830-14835	4.8	7
140	Molecular Manipulations of a Utility Nitrogen-Heterocyclic Carbene by Sodium Magnesiato Complexes and Transmetallation Chemistry with Gold Complexes. <i>Chemistry - A European Journal</i> , 2018 , 24, 10541-10549	4.8	5
139	Exploiting Synergistic Effects in Organozinc Chemistry for Direct Stereoselective C-Glycosylation Reactions at Room Temperature. <i>Angewandte Chemie</i> , 2018 , 130, 10790-10794	3.6	
138	The Future of Polar Organometallic Chemistry Written in Bio-Based Solvents and Water. <i>Chemistry - A European Journal</i> , 2018 , 24, 14854-14863	4.8	68
137	Introducing Glycerol as a Sustainable Solvent to Organolithium Chemistry: Ultrafast Chemoselective Addition of Aryllithium Reagents to Nitriles under Air and at Ambient Temperature. <i>Chemistry - A European Journal</i> , 2018 , 24, 1720-1725	4.8	39
136	Exploiting Synergistic Effects in Organozinc Chemistry for Direct Stereoselective C-Glycosylation Reactions at Room Temperature. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 10630-10634	16.4	7
135	Regioselective magnesiation of N-heterocyclic molecules: securing insecure cyclic anions by a ϩdiketiminato-magnesium clamp. <i>Chemical Communications</i> , 2017 , 53, 3653-3656	5.8	19
134	Trans-Metal-Trapping Meets Frustrated-Lewis-Pair Chemistry: Ga(CHSiMe) ₃ -Induced C-H Functionalizations. <i>Inorganic Chemistry</i> , 2017 , 56, 8615-8626	5.1	19
133	Cϩ Bond Activation and Ring Opening of a Saturated N-Heterocyclic Carbene by Lateral Alkali-Metal-Mediated Metallation. <i>Angewandte Chemie</i> , 2017 , 129, 6732-6735	3.6	14

132	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	16.4	25
131	Synthetic, structural and magnetic implications of introducing 2,2'-dipyridylamide to sodium-ferrate complexes. <i>Dalton Transactions</i> , 2017 , 46, 6683-6691	4.3	10
130	Ligand-induced reactivity of di-ketiminate magnesium complexes for regioselective functionalization of fluoroarenes via C-H or C-F bond activations. <i>Chemical Communications</i> , 2017 , 53, 11650-11653	5.8	28
129	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
128	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
127	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	16.4	94
126	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
125	Transforming LiTMP Lithiation of Challenging Diazines through Gallium Alkyl Trans-Metal-Trapping. <i>Angewandte Chemie</i> , 2016 , 128, 13341-13344	3.6	15
124	Synthesis, Structure and Solution Studies on Mixed Aryl/Alkyl Lithium Zincates. <i>European Journal of Inorganic Chemistry</i> , 2016 , 2016, 4752-4760	2.3	9
123	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	4.8	34
122	Structural and Magnetic Diversity in Alkali-Metal Manganate Chemistry: Evaluating Donor and Alkali-Metal Effects in Co-complexation Processes. <i>Chemistry - A European Journal</i> , 2016 , 22, 4843-54	4.8	10
121	Assessing the reactivity of sodium alkyl-magnesiates towards quinoxaline: single electron transfer (SET) vs. nucleophilic alkylation processes. <i>Dalton Transactions</i> , 2016 , 45, 6175-82	4.3	8
120	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	3.6	38
119	Understanding the Subtleties of Frustrated Lewis Pair Activation of Carbonyl Compounds by N-Heterocyclic Carbene/Alkyl Gallium Pairings. <i>Chemistry - A European Journal</i> , 2016 , 22, 15826-15833	4.8	21
118	Heavier Alkali-metal Gallates as Platforms for Accessing Functionalized Abnormal NHC Carbene-Gallium Complexes. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2016 , 642, 1241-1244	1.3	16
117	Two alternative approaches to access mixed hydride-amido zinc complexes: synthetic, structural and solution implications. <i>Dalton Transactions</i> , 2015 , 44, 8169-77	4.3	13
116	Accessing sodium ferrate complexes containing neutral and anionic N-heterocyclic carbene ligands: structural, synthetic, and magnetic insights. <i>Inorganic Chemistry</i> , 2015 , 54, 9201-10	5.1	39
115	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and Baranormal Reactivity in a Single Tritopic Molecule. <i>Angewandte Chemie</i> , 2015 , 127, 14281-14285	3.6	13

114	Röntgenbild: Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and Paranormal Reactivity in a Single Trifunctional Molecule (Angew. Chem. 47/2015). <i>Angewandte Chemie</i> , 2015 , 127, 14398-14398	3.6	
113	Reactivity of Polar Organometallic Compounds in Unconventional Reaction Media: Challenges and Opportunities. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 6779-6799	3.2	87
112	Alkali-Metal-Mediated Magnesiations of an N-Heterocyclic Carbene: Normal, Abnormal, and "Paranormal" Reactivity in a Single Trifunctional Molecule. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 14075-9	16.4	33
111	Rational synthesis of normal, abnormal and anionic NHC-gallium alkyl complexes: structural, stability and isomerization insights. <i>Chemical Science</i> , 2015 , 6, 5719-5728	9.4	51
110	Zincate-Mediated Arylation Reactions of Acridine: Pre- and Postarylation Structural Insights. <i>Organometallics</i> , 2015 , 34, 2614-2623	3.8	22
109	Structurally Defined Zincated and Aluminated Complexes of Ferrocene Made by Alkali-Metal Synergistic Syntheses. <i>Organometallics</i> , 2015 , 34, 2580-2589	3.8	33
108	Organozinc pivalate reagents: segregation, solubility, stabilization, and structural insights. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 2706-10	16.4	69
107	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, 5969-73	16.4	126
106	Introducing Deep Eutectic Solvents to Polar Organometallic Chemistry: Chemoselective Addition of Organolithium and Grignard Reagents to Ketones in Air. <i>Angewandte Chemie</i> , 2014 , 126, 6079-6083	3.6	45
105	TMP (2,2,6,6-tetramethylpiperidide)-aluminate bases: lithium-mediated aluminatation or lithiation-alkylaluminum-trapping reagents?. <i>Chemical Science</i> , 2014 , 5, 3031-3045	9.4	57
104	Potassium-alkyl magnesiates: synthesis, structures and Mg-H exchange applications of aromatic and heterocyclic substrates. <i>Chemical Communications</i> , 2014 , 50, 12859-62	5.8	24
103	Probing the metallating ability of a polybasic sodium alkylmagnesiate supported by a bulky bis(amido) ligand: deprotomagnesiation reactions of nitrogen-based aromatic substrates. <i>Dalton Transactions</i> , 2014 , 43, 4361-9	4.3	13
102	Structural and reactivity insights in Mg/Zn hybrid chemistry: Zn exchange and Pd-catalysed cross-coupling applications of aromatic substrates. <i>Chemical Science</i> , 2014 , 5, 3552	9.4	25
101	New supramolecular assemblies in heterobimetallic chemistry: synthesis of a homologous series of unsolvated alkali-metal zincates. <i>Dalton Transactions</i> , 2014 , 43, 14229-38	4.3	16
100	Organozinc Pivalate Reagents: Segregation, Solubility, Stabilization, and Structural Insights. <i>Angewandte Chemie</i> , 2014 , 126, 2744-2748	3.6	36
99	Developing catalytic applications of cooperative bimetallics: competitive hydroamination/trimerization reactions of isocyanates catalysed by sodium magnesiates. <i>Chemical Communications</i> , 2013 , 49, 8659-61	5.8	37
98	Alkali-metal-mediated zincation (AMM/Zn) meets N-heterocyclic carbene (NHC) chemistry: Zn exchange reactions and structural authentication of a dinuclear Au(I) complex with a NHC anion. <i>Chemical Science</i> , 2013 , 4, 4259	9.4	71
97	Donor-Activated Lithiation and Sodiation of Trifluoromethylbenzene: Structural, Spectroscopic, and Theoretical Insights. <i>Organometallics</i> , 2013 , 32, 5481-5490	3.8	13

96	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	9.4	21
95	Co-complexation Syntheses, Structural Characterization, and DFT Studies of a Novel Series of Polymeric Alkali-Metal Tetraorganogallates. <i>Organometallics</i> , 2013 , 32, 480-489	3.8	19
94	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, 14069-75	4.8	31
93	Assessing the reactivity of sodium zincate [(TMEDA)Na(TMP)Zn(t)Bu ₂] towards benzoylferrocene: deprotonative metalation vs. alkylation reactions. <i>Dalton Transactions</i> , 2012 , 41, 98-103	4.3	13
92	New lithium-zincate approaches for the selective functionalisation of pyrazine: direct dideprotonation vs. nucleophilic alkylation. <i>Chemical Communications</i> , 2012 , 48, 1985-7	5.8	36
91	Accessing low denticity coordination modes of a high denticity tripodal ligand to complete its coordinative repertoire. <i>Dalton Transactions</i> , 2012 , 41, 10141-4	4.3	12
90	Synthesis, Structural Elucidation, and Diffusion-Ordered NMR Studies of Homoleptic Alkylolithium Magnesiates: Donor-Controlled Structural Variations in Mixed-Metal Chemistry. <i>Organometallics</i> , 2012 , 31, 5131-5142	3.8	44
89	Meta-metallation of N,N-dimethylaniline: Contrasting direct sodium-mediated zincation with indirect sodiation-dialkylzinc co-complexation. <i>Beilstein Journal of Organic Chemistry</i> , 2011 , 7, 1234-48	2.5	19
88	Alkali-metal mediated zincation of N-heterocyclic substrates using the lithium zincate complex, (THF)Li(TMP)Zn(t)Bu ₂ and applications in in situ cross coupling reactions. <i>Tetrahedron Letters</i> , 2011 , 52, 4590-4594	2	30
87	A new polymeric alkyl/alkoxide magnesium-sodium inverse crown complex. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2011 , 67, m249-51		7
86	Gespaltene Persönlichkeit von Lithiumchlorid: Salzeffekte in metallorganischen Synthesen. <i>Angewandte Chemie</i> , 2011 , 123, 6576-6578	3.6	43
85	Magnesium-Mediated Benzothiazole Activation: A Room-Temperature Cascade of C-H Deprotonation, C-C Coupling, Ring-Opening, and Nucleophilic Addition Reactions. <i>Angewandte Chemie</i> , 2011 , 123, 10031-10034	3.6	8
84	Innentitelbild: Magnesium-Mediated Benzothiazole Activation: A Room-Temperature Cascade of C-H Deprotonation, C-C Coupling, Ring-Opening, and Nucleophilic Addition Reactions (Angew. Chem. 42/2011). <i>Angewandte Chemie</i> , 2011 , 123, 9934-9934	3.6	
83	Split personality of lithium chloride: recent salt effects in organometallic recipes. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 6448-50	16.4	83
82	A record-breaking magnesium hydride molecular cluster: implications for hydrogen storage. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9242-3	16.4	20
81	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, 9857-60	16.4	27
80	Inside Cover: Magnesium-Mediated Benzothiazole Activation: A Room-Temperature Cascade of C-H Deprotonation, C-C Coupling, Ring-Opening, and Nucleophilic Addition Reactions (Angew. Chem. Int. Ed. 42/2011). <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 9760-9760	16.4	
79	Shedding new light on ZnCl ₂ -mediated addition reactions of Grignard reagents to ketones: structural authentication of key intermediates and diffusion-ordered NMR studies. <i>Chemistry - A European Journal</i> , 2011 , 17, 4470-9	4.8	42

78	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> , 2011 , 17, 8333-41	4.8	34
77	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, 388-90	5.8	46
76	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> , 2010 , 107, 5294-9	11.5	84
75	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
74	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> , 2010 , 520-6	4.3	17
73	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
72	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
71	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
70	Synergic Synthesis of Benzannulated Zincabicyclic Complexes, Zincated N Ylides, through Sodium-TMEDA-Mediated Zincation of a Haloarene. <i>Angewandte Chemie</i> , 2009 , 121, 8831-8834	3.6	5
69	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
68	Donor-dictated interlocking co-complexation reactions of LiNH ₂ Dipp with dimethylzinc: synthesis and structures of new methyl(amido)zincates. <i>Inorganic Chemistry</i> , 2009 , 48, 5320-7	5.1	17
67	Direct lateral metallation using alkali-metal mediated zincation (AMMZn): SiC-H vs. Si-O bond cleavage. <i>Chemical Communications</i> , 2009 , 3240-2	5.8	10
66	Contacted Ion-Pair Lithium Alkylamidoaluminates: Intramolecular Almination (Al ^{III} Exchange) Traps for TMEDA and PMDETA. <i>Organometallics</i> , 2009 , 28, 6462-6468	3.8	31
65	Synthesis and Structural Elucidation of Alkyl, Amido, and Mixed Alkyl/Amido Highly-Coordinated Zincates. <i>Organometallics</i> , 2008 , 27, 6063-6070	3.8	30
64	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
63	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
62	Structurally-defined potassium-mediated regioselective zincation of amino- and alkoxy-substituted pyridines. <i>Chemical Communications</i> , 2008 , 2638-40	5.8	39
61	Synthesis and structural elucidation of solvent-free and solvated lithium dimethyl (HMDS) zincates. <i>Dalton Transactions</i> , 2008 , 1323-30	4.3	19

60	Transamination chemistry of sodium TMP-zincate: synthesis and crystal structure of a chiral amidozincate. <i>Chemical Communications</i> , 2008 , 187-9	5.8	25
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