

Mei-Xiang Wang

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.

243
papers

9,235
citations

52
h-index

83
g-index

254
ext. papers

10,062
ext. citations

6.5
avg, IF

6.86
L-index

#	Paper	IF	Citations
243	Polyfunctionalized biaryls accessed by a one-pot nucleophilic aromatic substitution and sigmatropic rearrangement reaction cascade under mild conditions. <i>Tetrahedron</i> , 2021 , 83, 131966	2.4	3
242	Aromatic hydrocarbon belts. <i>Nature Chemistry</i> , 2021 , 13, 402-419	17.6	21
241	Reversal and Amplification of the Enantioselectivity of Biocatalytic Desymmetrization toward Meso Heterocyclic Dicarboxamides Enabled by Rational Engineering of Amidase. <i>ACS Catalysis</i> , 2021 , 11, 6900-6907	12.1	7
240	Catalytic enantioselective synthesis of indolizino[8,7-b]indole alkaloid derivatives based on the tandem reaction of tertiary enamides. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 721-726	5.2	5
239	Synthesis and Reactions of -Symmetric 1,3,5,7(1,3)-Tetrabenzenacyclooctaphane Tetraazide and Tetraamine Derivatives: Toward the Synthesis of Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Organic Letters</i> , 2021 , 23, 1835-1839	6.2	3
238	Zigzag Hydrocarbon Belts. <i>CCS Chemistry</i> , 2021 , 3, 916-931	7.2	27
237	Selective Oxidation of Belt[4]arene[4]tropilidene and Its Application to Construct Hydrocarbon Belts of Truncated Cone Structure with Expand Cavity. <i>Organic Letters</i> , 2021 , 23, 7259-7263	6.2	3
236	Domino Reactions of Tertiary Enamides in Organic Synthesis. <i>Synlett</i> , 2021 , 32, 1419-1427	2.2	4
235	Innenroktittelbild: Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts (Angew. Chem. 52/2020). <i>Angewandte Chemie</i> , 2020 , 132, 24111-24111	3.6	
234	Construction of Hydrocarbon Nanobelts. <i>Angewandte Chemie</i> , 2020 , 132, 7774-7779	3.6	16
233	Exploring Anion-Interactions and Their Applications in Supramolecular Chemistry. <i>Accounts of Chemical Research</i> , 2020 , 53, 1364-1380	24.3	51
232	Construction of Hydrocarbon Nanobelts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7700-7705	16.4	31
231	Synthesis and Structure of Functionalized Zigzag Hydrocarbon Belts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18151-18155	16.4	9
230	Synthesis and Structure of Functionalized Zigzag Hydrocarbon Belts. <i>Angewandte Chemie</i> , 2020 , 132, 18308-18312	3.6	5
229	Copper-Catalyzed N,N-Diarylation of Amides for the Construction of 9,10-Dihydroacridine Structure and Applications in the Synthesis of Diverse Nitrogen-Embedded Polyacenes. <i>Organic Letters</i> , 2020 , 22, 5417-5422	6.2	5
228	Toward the Synthesis of a Highly Strained Hydrocarbon Belt. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4576-4580	16.4	59
227	Synthesis of Electron-Deficient Corona[5]arenes and Their Selective Complexation with Dihydrogen Phosphate: Cooperative Effects of Anion-Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8078-8083	16.4	10

226	A Theoretical Study on the Macrocyclic Strain of Zigzag Molecular Belts. <i>Organic Materials</i> , 2020 , 02, 300-305	1.9	4
225	Fused N-Heterocycles with Contiguous Stereogenic Centers Accessed by an Asymmetric Catalytic Cascade Reaction of Tertiary Enamides. <i>Chemistry - A European Journal</i> , 2020 , 26, 401-405	4.8	11
224	Synthesis of Butadiynyl-Strapped Corona[6]arenes and Their Selective Anion Binding Properties. <i>Journal of Organic Chemistry</i> , 2020 , 85, 2312-2320	4.2	4
223	Organocatalytic Double Ugi Reaction with Statistical Amplification of Product Enantiopurity: A Linker Cleavage Approach To Access Highly Enantiopure Ugi Products. <i>Organic Letters</i> , 2020 , 22, 483-487	6.2	7
222	Hydrocarbon Belts with Truncated Cone Structures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1196-1199	16.4	40
221	Construction of the Erythrinane Core Skeleton via Asymmetric Catalytic Cascade Reaction of Tertiary Enamides. <i>Journal of Organic Chemistry</i> , 2020 , 85, 13211-13219	4.2	4
220	Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23649-23658	16.4	17
219	Synthesis of i-Corona[6]arenes for Selective Anion Binding: Interdependent and Synergistic Anion and Hydrogen-Bond Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 23924-23931	3.6	5
218	Catalytic Enantioselective Synthesis and Switchable Chiroptical Property of Inherently Chiral Macrocycles. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14432-14436	16.4	18
217	Synthesis of i-Corona[6]arenes for Selective Anion Binding: Interdependent and Synergistic Anion and Hydrogen-Bond Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23716-23723	16.4	13
216	Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Angewandte Chemie</i> , 2020 , 132, 23857-23866	3.6	8
215	Synthesis of Electron-Deficient Corona[5]arenes and Their Selective Complexation with Dihydrogen Phosphate: Cooperative Effects of Anion Interactions. <i>Angewandte Chemie</i> , 2020 , 132, 8155-8160	3.6	5
214	Intramolecular Arylation of Tertiary Enamides through Pd(OAc)-Catalyzed Dehydrogenative Cross-Coupling Reaction: Construction of Fused N-Heterocyclic Scaffolds and Synthesis of Isoindolobenzazepine Alkaloids. <i>Journal of Organic Chemistry</i> , 2019 , 84, 2870-2878	4.2	20
213	Highly efficient biocatalytic desymmetrization of meso carbocyclic 1,3-dicarboxamides: a versatile route for enantiopure 1,3-disubstituted cyclohexanes and cyclopentanes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 808-812	5.2	6
212	Hydroxy-Substituted Azacalix[4]Pyridines: Synthesis, Structure, and Construction of Functional Architectures. <i>Frontiers in Chemistry</i> , 2019 , 7, 553	5	1
211	Synthesis and anion binding properties of phthalimide-containing corona[6]arenes. <i>Beilstein Journal of Organic Chemistry</i> , 2019 , 15, 1976-1983	2.5	2
210	Radical Reactivity, Catalysis, and Reaction Mechanism of Arylcopper(II) Compounds: The Missing Link in Organocopper Chemistry. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18341-18348	16.4	15
209	Catalytic Enantioselective Synthesis of 4-Amino-1,2,3,4-tetrahydropyridine Derivatives from Intramolecular Nucleophilic Addition Reaction of Tertiary Enamides. <i>Synlett</i> , 2019 , 30, 483-487	2.2	4

208	Synthesis and Structure of Functionalized Homo Heteracalix[2]arene[2]triazines: Effect of All Heteroatom Bridges on Macrocyclic Conformation. <i>Journal of Organic Chemistry</i> , 2018 , 83, 3316-3324	4.2	4
207	Synthesis, Structure, and Anion Binding Properties of Electron-Deficient Tetrahomocorona[4]arenes: Shape Selectivity in Anion-Interactions. <i>Angewandte Chemie</i> , 2018 , 130, 6646-6650	3.6	12
206	Mechanistic Study on Cu(II)-Catalyzed Oxidative Cross-Coupling Reaction between Arenes and Boronic Acids under Aerobic Conditions. <i>Journal of the American Chemical Society</i> , 2018 , 140, 5579-5587	16.4	37
205	Synthesis, Structure, and Anion Binding Properties of Electron-Deficient Tetrahomocorona[4]arenes: Shape Selectivity in Anion-Interactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6536-6540	16.4	37
204	Synthesis of oxygen bridged corona[n]arene[n]pyrazines and their fullerene binding property. <i>Supramolecular Chemistry</i> , 2018 , 30, 583-588	1.8	3
203	Synthesis, Structure, and Properties of Corona[6]arenes and Their Assembly with Anions in the Crystalline State. <i>Journal of Organic Chemistry</i> , 2018 , 83, 1502-1509	4.2	28
202	Still Unconquered: Enantioselective Passerini and Ugi Multicomponent Reactions. <i>Accounts of Chemical Research</i> , 2018 , 51, 1290-1300	24.3	134
201	Synthesis of O6-Corona[3]arene[3]pyridazines and Their Molecular Recognition Property in Organic and Aqueous Media. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 630-634	4.9	8
200	Coronarenes: recent advances and perspectives on macrocyclic and supramolecular chemistry. <i>Science China Chemistry</i> , 2018 , 61, 993-1003	7.9	38
199	Understanding the driving force for the molecular recognition of S6-corona[3]arene[3]pyridazine toward organic ammonium cations. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 760-764	5.2	12
198	Biocatalytic Desymmetrization of Prochiral 3-Aryl and 3-Arylmethyl Glutamides: Different Remote Substituent Effect on Catalytic Efficiency and Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4594-4603	5.6	8
197	Lewis acid catalyst-steered divergent synthesis of functionalized vicinal amino alcohols and pyrroles from tertiary enamides. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 3138-3142	5.2	21
196	Fluorophores for Excited-State Intramolecular Proton Transfer by an Yttrium Triflate Catalyzed Reaction of Isocyanides with Thiocarboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 6599-6603	16.4	32
195	Fluorophores for Excited-State Intramolecular Proton Transfer by an Yttrium Triflate Catalyzed Reaction of Isocyanides with Thiocarboxylic Acids. <i>Angewandte Chemie</i> , 2017 , 129, 6699-6703	3.6	10
194	Corona[5]arenes Accessed by a Macrocyclic-to-Macrocyclic Transformation Route and a One-Pot Three-Component Reaction. <i>Angewandte Chemie</i> , 2017 , 129, 7257-7261	3.6	12
193	Corona[5]arenes Accessed by a Macrocyclic-to-Macrocyclic Transformation Route and a One-Pot Three-Component Reaction. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7151-7155	16.4	31
192	Reaktitelbild: Fluorophores for Excited-State Intramolecular Proton Transfer by an Yttrium Triflate Catalyzed Reaction of Isocyanides with Thiocarboxylic Acids (Angew. Chem. 23/2017). <i>Angewandte Chemie</i> , 2017 , 129, 6778-6778	3.6	
191	Silver-Catalyzed Three-Component 1,1-Aminoacylation of Homopropargylamines: Additions for Both Terminal Alkynes and Isocyanides. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7958-7962	16.4	35

190	Synthesis and conformational structure of hydrazo-bridged homo calix[2]pyridine[2]triazines. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 1425-1429	5.2	9
189	Silver-Catalyzed Three-Component 1,1-Aminoacylation of Homopropargylamines: Additions for Both Terminal Alkynes and Isocyanides. <i>Angewandte Chemie</i> , 2017 , 129, 8066-8070	3.6	2
188	Host-Guest Interaction between Corona[n]arene and Bisquaternary Ammonium Derivatives for Fabricating Supra-Amphiphile. <i>Langmuir</i> , 2017 , 33, 5829-5834	4	14
187	Multiresponsive Vesicles Composed of Amphiphilic Azacalix[4]pyridine Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10378-10382	9.5	6
186	O-Corona[6]arenes with Expanded Cavities for Specific Complexation with C. <i>Organic Letters</i> , 2017 , 19, 1590-1593	6.2	29
185	Synthesis of hydroxylated azacalix[1]arene[3]pyridines from hydrolysis of high valent arylcopper complexes and conversion to a double azacalix[1]arene[3]pyridine host molecule. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 283-287	5.2	6
184	Molecular Barrel by a Hooping Strategy: Synthesis, Structure, and Selective CO Adsorption Facilitated by Lone Pair-Interactions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 635-638	16.4	40
183	Synthesis and structure of N-methylated azacalix[4]pyridines and azacalix[1]arene[3]pyridines. <i>Tetrahedron Letters</i> , 2017 , 58, 3708-3711	2	3
182	Catalytic Enantioselective Double Carbopalladation/C-H Functionalization with Statistical Amplification of Product Enantiopurity: A Convertible Linker Approach. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14192-14196	16.4	52
181	Oxalix[2]arene[2]triazine Derivatives with Halogen Bond Donors: Synthesis, Structure, and Halide Binding in the Solid State. <i>Crystal Growth and Design</i> , 2016 , 16, 5460-5465	3.5	4
180	Azacalixaromatics 2016 , 363-397		5
179	Functionalization of Azacalixaromatics by Cu(II)-Catalyzed Oxidative Cross-Coupling Reaction between the Arene C-H Bond and Boronic Acids. <i>Organic Letters</i> , 2016 , 18, 5078-5081	6.2	16
178	Switchable [3+2] and [4+2] Heteroannulation of Primary Propargylamines with Isonitriles to Imidazoles and 1,6-Dihydropyrimidines: Catalyst Loading Enabled Reaction Divergence. <i>Chemistry - A European Journal</i> , 2016 , 22, 8332-8	4.8	34
177	Functionalized O6-Corona[6]arenes: Synthesis, Structure, and Fullerene Complexation Property. <i>Organic Letters</i> , 2016 , 18, 3126-9	6.2	19
176	Synthesis of trifluoromethylthiolated azacalix[1]arene[3]pyridines from the Cu(II)-mediated direct trifluoromethylthiolation reaction of arenes via reactive arylcopper(III) intermediates. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 880-886	5.2	25
175	Catalytic Asymmetric Tandem Reaction of Tertiary Enamides: Expeditious Synthesis of Pyrrolo[2,1-a]isoquinoline Alkaloid Derivatives. <i>Angewandte Chemie</i> , 2016 , 128, 3863-3867	3.6	8
174	Synthesis, Structure, and Molecular Recognition of S6 - and (SO2)6 -Corona[6](het)arenes: Control of Macrocyclic Conformation and Properties by the Oxidation State of the Bridging Heteroatoms. <i>Chemistry - A European Journal</i> , 2016 , 22, 6947-55	4.8	35
173	Supramolecular chemistry: defined. <i>Supramolecular Chemistry</i> , 2016 , 28, 1-3	1.8	8

172	Chiral Phosphoric Acid Catalyzed Asymmetric Ugi Reaction by Dynamic Kinetic Resolution of the Primary Multicomponent Adduct. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 5282-5	16.4	79
171	Catalytic Asymmetric Tandem Reaction of Tertiary Enamides: Expeditious Synthesis of Pyrrolo[2,1-a]isoquinoline Alkaloid Derivatives. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3799-803	16.4	44
170	Synthesis and Structure of Corona[6](het)arenes Containing Mixed Bridge Units. <i>Organic Letters</i> , 2016 , 18, 2668-71	6.2	24
169	Synthesis of Functionalized Azacalix[1]arene[3]pyridine Macrocycles from Cu(II)-Mediated Direct Amination Reactions of Arene through High Valent Arylcopper(III) Intermediates. <i>Journal of Organic Chemistry</i> , 2016 , 81, 10404-10410	4.2	10
168	Liquid crystalline macrocyclic azacalix[4]pyridine and its complexes with the zinc ion: conformational change from the saddle to flattened shape. <i>Chemical Communications</i> , 2015 , 51, 5112-5	5.8	18
167	Enantioselective biotransformations of nitriles in organic synthesis. <i>Accounts of Chemical Research</i> , 2015 , 48, 602-11	24.3	77
166	Synthesis, structure and transition metal ion complexation property of lariat azacalix[4]pyridines. <i>Tetrahedron</i> , 2015 , 71, 2105-2112	2.4	10
165	Synthesis of diverse di- to penta-substituted 1,2-dihydropyridine derivatives from gold(I)-catalyzed intramolecular addition of tertiary enamides to alkynes. <i>Tetrahedron Letters</i> , 2015 , 56, 3898-3901	2	26
164	Macrocyclic Aryl[Nickel(II) Complexes: Synthesis, Structure, and Reactivity Studies. <i>Organometallics</i> , 2015 , 34, 5167-5174	3.8	7
163	Selective Formylation of Azacalixpyridine Macrocycles and Their Transformation to Molecular Semicages. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9272-8	4.2	6
162	Synthesis of 2,3-Dihydro-1H-azepine and 1H-Azepin-2(3H)-one Derivatives From Intramolecular Condensation between Stable Tertiary Enamides and Aldehydes. <i>Journal of Organic Chemistry</i> , 2015 , 80, 12047-57	4.2	39
161	Lewis acid-catalyzed reaction between tertiary enamides and imines of salicylaldehydes: expedient synthesis of novel 4-chromanamine derivatives. <i>Tetrahedron</i> , 2015 , 71, 523-531	2.4	17
160	Tuning the reactivity of isocyano group: synthesis of imidazoles and imidazoliums from propargylamines and isonitriles in the presence of multiple catalysts. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 1293-7	16.4	84
159	Synthesis of quaternary-carbon-containing and functionalized enantiopure pentanecarboxylic acids from biocatalytic desymmetrization of meso-cyclopentane-1,3-dicarboxamides. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 938-47	4.5	7
158	Synthesis and Molecular Recognition of Water-Soluble S6-Corona[3]arene[3]pyridazines. <i>Angewandte Chemie</i> , 2015 , 127, 8506-8509	3.6	16
157	Synthesis and Molecular Recognition of Water-Soluble S6-Corona[3]arene[3]pyridazines. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 8386-9	16.4	65
156	Exploring tertiary enamides as versatile synthons in organic synthesis. <i>Chemical Communications</i> , 2015 , 51, 6039-49	5.8	88
155	Tuning the Reactivity of Isocyano Group: Synthesis of Imidazoles and Imidazoliums from Propargylamines and Isonitriles in the Presence of Multiple Catalysts. <i>Angewandte Chemie</i> , 2015 , 127, 1309-1313	3.6	36

154	Antitumor Activity of a 5-Hydroxy-1H-Pyrrol-2-(5H)-One-Based Synthetic Small Molecule In Vitro and In Vivo. <i>PLoS ONE</i> , 2015 , 10, e0128928	3.7	10
153	Synthesis of functionalized azacalix[3]aromatics from azacalix[4]pyrimidine: unexpected macrocyclic transannular reactions. <i>Tetrahedron Letters</i> , 2014 , 55, 3259-3262	2	5
152	Designing a Cu(II)-ArCu(II)-ArCu(III)-Cu(I) catalytic cycle: Cu(II)-catalyzed oxidative arene C-H bond azidation with air as an oxidant under ambient conditions. <i>Journal of Organic Chemistry</i> , 2014 , 79, 11139-43	4.3	37
151	Catalytic asymmetric difunctionalization of stable tertiary enamides with salicylaldehydes: highly efficient, enantioselective, and diastereoselective synthesis of diverse 4-chromanol derivatives. <i>Organic Letters</i> , 2014 , 16, 5972-5	6.2	54
150	Functionalized imidazoliums from the three-component domino reaction of N-formylmethylcarboxamides with amines and isocyanides. <i>Organic Chemistry Frontiers</i> , 2014 , 1, 909-913	5.2	21
149	Copper(I)-Catalyzed Halogenation and Acyloxylation of Aryl Triflates through a Copper(I)/Copper(III) Catalytic Cycle. <i>Organometallics</i> , 2014 , 33, 1061-1067	3.8	14
148	Direct synthesis of high-valent aryl-Cu(II) and aryl-Cu(III) compounds: mechanistic insight into arene C-H bond metalation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 6326-32	16.4	101
147	One-pot synthesis of oxygen and nitrogen-bridged calix[2]arene[2]triazines. <i>Supramolecular Chemistry</i> , 2014 , 26, 601-606	1.8	12
146	Efficient synthesis of highly enantiopure β -lactam derivatives from biocatalytic transformations of amides and nitriles. <i>Tetrahedron</i> , 2014 , 70, 4309-4316	2.4	12
145	Biotransformations of racemic 2,3-allenenitriles in biphasic systems: synthesis and transformations of enantioenriched axially chiral 2,3-allenoic acids and their derivatives. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3103-10	4.2	16
144	Synthesis, resolution, structure, and racemization of inherently chiral 1,3-alternate azacalix[4]pyrimidines: quantification of conformation mobility. <i>Journal of Organic Chemistry</i> , 2014 , 79, 2178-88	4.2	29
143	Synthesis, structure, and fullerene-complexing property of azacalix[6]aromatics. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3559-71	4.2	38
142	Synthesis, Structure, and Properties of O6-Corona[3]arene[3]tetrazines. <i>Angewandte Chemie</i> , 2014 , 126, 13766-13770	3.6	25
141	Anhydride-Based Multicomponent Reactions 2014 , 379-400		
140	Chiral Phosphoric Acid-Catalyzed Asymmetric Multicomponent Reactions 2014 , 439-470		
139	Synthesis, structure, and properties of O6 -Corona[3]arene[3]tetrazines. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13548-52	16.4	77
138	Alkynes in Multicomponent Synthesis of Heterocycles 2014 , 333-378		3
137	Allenes in Multicomponent Synthesis of Heterocycles 2014 , 301-332		2

136	Multicomponent Reactions under Oxidative Conditions 2014 , 265-300		
135	Macrocycles from Multicomponent Reactions 2014 , 231-264		4
134	Metal-Catalyzed Multicomponent Synthesis of Heterocycles 2014 , 207-230		3
133	Diazoacetate and Related Metal-Stabilized Carbene Species in MCRs 2014 , 183-206		
132	Functionalization of Heterocycles by MCRs 2014 , 159-182		3
131	1,3-Dicarbonyls in Multicomponent Reactions 2014 , 109-158		7
130	UgiSmiles and PasseriniSmiles Couplings 2014 , 73-108		
129	Aryne-Based Multicomponent Reactions 2014 , 39-72		4
128	Discovery of MCRs 2014 , 13-38		
127	General Introduction to MCRs: Past, Present, and Future 2014 , 1-12		4
126	Construction and Multiple Exterior Surface Functionalization of Giant Molecular Cages. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7895-7905	3.2	6
125	Free-Radical Multicomponent Processes 2014 , 401-438		3
124	Cu(OTf) ₂ -catalyzed selective arene C-H bond hydroxylation and nitration with KNO ₂ as an ambident O- and N-nucleophile via a Cu(II)-Cu(III)-Cu(I) mechanism. <i>Organic Letters</i> , 2013 , 15, 3836-9	6.2	40
123	Zinc Bromide Promoted Coupling of Isonitriles with Carboxylic Acids To Form 2,4,5-Trisubstituted Oxazoles. <i>Angewandte Chemie</i> , 2013 , 125, 11078-11082	3.6	27
122	Synthesis of electron-deficient oxalix[2]arene[2]triazines and their isomeric analogs from a one-pot reaction of perfluorinated dihydroxybenzenes with dichlorotriazines. <i>Organic Letters</i> , 2013 , 15, 4414-7	6.2	15
121	Zinc bromide promoted coupling of isonitriles with carboxylic acids to form 2,4,5-trisubstituted oxazoles. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 10878-82	16.4	74
120	Synthesis of multifunctionalized 1,2,3,4-tetrahydropyridines, 2,3-dihydropyridin-4(1H)-ones, and pyridines from tandem reactions initiated by [5+1] cycloaddition of N-formylmethyl-substituted enamides to isocyanides: mechanistic insight and synthetic application. <i>Chemistry - A European Journal</i> , 2013 , 19, 16981-7	4.8	31
119	Anion-π Interactions: generality, binding strength, and structure. <i>Journal of the American Chemical Society</i> , 2013 , 135, 892-7	16.4	322

118	Enantioselective Passerini Reaction 2013 , 95-101		2
117	Synthesis of substituted pyridines from cascade [1 + 5] cycloaddition of isonitriles to N-formylmethyl-substituted enamides, aerobic oxidative aromatization, and acyl transfer reaction. <i>Journal of the American Chemical Society</i> , 2013 , 135, 4708-11	16.4	163
116	Synthesis, structure and metal binding property of internally 1,3-arylene-bridged azacalix[6]aromatics. <i>Journal of Organic Chemistry</i> , 2012 , 77, 10073-82	4.2	16
115	Cu(ClO ₄)(2)-mediated arene C-H bond halogenations of azacalixaromatics using alkali metal halides as halogen sources. <i>Journal of Organic Chemistry</i> , 2012 , 77, 3336-40	4.2	84
114	Synthesis and functionalization of inherently chiral tetraoxacalix[2]arene[2]pyridines. <i>Organic Letters</i> , 2012 , 14, 6254-7	6.2	13
113	Rational design of a functionalized oxacalix[2]arene[2]triazine host for selective recognition of H ₂ PO ₄ ⁻ by cooperative anion π and hydrogen bond interactions. <i>Tetrahedron Letters</i> , 2012 , 53, 6226-6229	2	23
112	Practical biocatalytic desymmetrization of meso-N-heterocyclic dicarboxamides and their application in the construction of aza-sugar containing nucleoside analogs. <i>Chemical Communications</i> , 2012 , 48, 3482-4	5.8	16
111	Anion-directed assembly of a rectangular supramolecular cage in the solid state with electron-deficient phenoxyated oxacalix[2]arene[2]triazine. <i>Chemical Communications</i> , 2012 , 48, 11458-60	5.8	49
110	Stabilization of a reactive polynuclear silver carbide cluster through the encapsulation within a supramolecular cage. <i>Journal of the American Chemical Society</i> , 2012 , 134, 824-7	16.4	91
109	Structural diversity in coordination self-assembled networks of a multimodal ligand azacalix[4]pyrazine. <i>Inorganic Chemistry</i> , 2012 , 51, 3860-7	5.1	33
108	Synthesis of 4-amino-1,2,3,4-tetrahydropyridine derivatives by intramolecular nucleophilic addition of tertiary enamides to in-situ generated imines. <i>Tetrahedron</i> , 2012 , 68, 6492-6497	2.4	28
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