

Mei-Xiang Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1010861/mei-xiang-wang-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Anion-π Interactions: generality, binding strength, and structure. <i>Journal of the American Chemical Society</i> , 2013 , 135, 892-7	16.4	322
242	Nitrogen and oxygen bridged calixaromatics: synthesis, structure, functionalization, and molecular recognition. <i>Accounts of Chemical Research</i> , 2012 , 45, 182-95	24.3	312
241	Heterocalixaromatics, new generation macrocyclic host molecules in supramolecular chemistry. <i>Chemical Communications</i> , 2008 , 4541-51	5.8	247
240	A general and high yielding fragment coupling synthesis of heteroatom-bridged calixarenes and the unprecedented examples of calixarene cavity fine-tuned by bridging heteroatoms. <i>Journal of the American Chemical Society</i> , 2004 , 126, 15412-22	16.4	247
239	Synthesis, structure, and [60]fullerene complexation properties of azacalix[m]arene[n]pyridines. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 838-42	16.4	244
238	Halide recognition by tetraoxacalix[2]arene[2]triazine receptors: concurrent noncovalent halide-π and lone-pair-π interactions in host-halide-water ternary complexes. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 7485-8	16.4	228
237	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
236	Room-temperature aerobic formation of a stable aryl-Cu(III) complex and its reactions with nucleophiles: highly efficient and diverse arene C-H functionalizations of azacalix[1]arene[3]pyridine. <i>Chemical Communications</i> , 2009 , 2899-901	5.8	150
235	Brønsted acid catalyzed enantioselective three-component reaction involving the alpha addition of isocyanides to imines. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6717-21	16.4	143
234	Still Unconquered: Enantioselective Passerini and Ugi Multicomponent Reactions. <i>Accounts of Chemical Research</i> , 2018 , 51, 1290-1300	24.3	134
233	Enantioselective Biotransformations of Nitriles in Organic Synthesis. <i>Topics in Catalysis</i> , 2005 , 35, 117-130	3	126
232	Catalytic enantioselective Passerini three-component reaction. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 388-91	16.4	125
231	Methylazacalixpyridines: remarkable bridging nitrogen-tuned conformations and cavities with unique recognition properties. <i>Chemistry - A European Journal</i> , 2006 , 12, 9262-75	4.8	122
230	Cr(III)(salen)Cl catalyzed enantioselective intramolecular addition of tertiary enamides to ketones: a general access to enantioenriched 1H-pyrrol-2(3H)-one derivatives bearing a hydroxylated quaternary carbon atom. <i>Journal of the American Chemical Society</i> , 2009 , 131, 10390-1	16.4	121
229	Versatile anion-π Interactions between halides and a conformationally rigid bis(tetraoxacalix[2]arene[2]triazine) cage and their directing effect on molecular assembly. <i>Chemistry - A European Journal</i> , 2010 , 16, 13053-7	4.8	117
228	Asymmetric synthesis of 5-(1-hydroxyalkyl)tetrazoles by catalytic enantioselective Passerini-type reactions. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9454-7	16.4	115
227	Methylazacalix[4]pyridine: en route to Zn ²⁺ -specific fluorescence sensors. <i>Organic Letters</i> , 2006 , 8, 4895-8	8.2	106

- 226 Direct synthesis of high-valent aryl-Cu(II) and aryl-Cu(III) compounds: mechanistic insight into arene C-H bond metalation. *Journal of the American Chemical Society*, **2014**, 136, 6326-32 16.4 101
- 225 Catalytic asymmetric Passerini-type reaction: chiral aluminum-organophosphate-catalyzed enantioselective alpha-addition of isocyanides to aldehydes. *Journal of Organic Chemistry*, **2009**, 74, 8394-9 6.2 99
- 224 Chiral salen-aluminum complex as a catalyst for enantioselective alpha-addition of isocyanides to aldehydes: asymmetric synthesis of 2-(1-hydroxyalkyl)-5-aminooxazoles. *Organic Letters*, **2007**, 9, 3615-8 6.2 99
- 223 Synthesis of large macrocyclic azacalix[n]pyridines (n = 6 - 9) and their complexation with fullerenes C(60) and C(70). *Organic Letters*, **2008**, 10, 2565-8 6.2 96
- 222 Designed synthesis of metal cluster-centered pseudo-rotaxane supramolecular architectures. *Journal of the American Chemical Society*, **2011**, 133, 8448-51 16.4 95
- 221 Stabilization of a reactive polynuclear silver carbide cluster through the encapsulation within a supramolecular cage. *Journal of the American Chemical Society*, **2012**, 134, 824-7 16.4 91
- 220 Exploring tertiary enamides as versatile synthons in organic synthesis. *Chemical Communications*, **2015**, 51, 6039-49 5.8 88
- 219 Highly efficient and stereoselective N-vinylation of oxiranecarboxamides and unprecedented 8-endo-epoxy-arene cyclization: expedient and biomimetic synthesis of some Clausena alkaloids. *Organic Letters*, **2007**, 9, 1387-90 6.2 88
- 218 Tuning the reactivity of isocyano group: synthesis of imidazoles and imidazoliums from propargylamines and isonitriles in the presence of multiple catalysts. *Angewandte Chemie - International Edition*, **2015**, 54, 1293-7 16.4 84
- 217 Cu(ClO₄)₂-mediated arene C-H bond halogenations of azacalixaromatics using alkali metal halides as halogen sources. *Journal of Organic Chemistry*, **2012**, 77, 3336-40 4.2 84
- 216 Chiral Phosphoric Acid Catalyzed Asymmetric Ugi Reaction by Dynamic Kinetic Resolution of the Primary Multicomponent Adduct. *Angewandte Chemie - International Edition*, **2016**, 55, 5282-5 16.4 79
- 215 Enantioselective biotransformations of nitriles in organic synthesis. *Accounts of Chemical Research*, **2015**, 48, 602-11 24.3 77
- 214 Synthesis, structure, and properties of O₆-Corona[3]arene[3]tetrazines. *Angewandte Chemie - International Edition*, **2014**, 53, 13548-52 16.4 77
- 213 Asymmetric Lewis Acid Catalyzed Addition of Isocyanides to Aldehydes: Synthesis of 5-Amino-2-(1-hydroxyalkyl)oxazoles. *European Journal of Organic Chemistry*, **2007**, 2007, 4076-4080 3.2 75
- 212 Zinc bromide promoted coupling of isonitriles with carboxylic acids to form 2,4,5-trisubstituted oxazoles. *Angewandte Chemie - International Edition*, **2013**, 52, 10878-82 16.4 74
- 211 Synthesis and structure of nitrogen bridged calix[5]- and -[10]-pyridines and their complexation with fullerenes. *Chemical Communications*, **2007**, 3856-8 5.8 74
- 210 Ion pair receptors based on anion-π interaction. *Chemical Communications*, **2011**, 47, 8112-4 5.8 71
- 209 Practical and convenient enzymatic synthesis of enantiopure alpha-amino acids and amides. *Journal of Organic Chemistry*, **2002**, 67, 6542-5 4.2 70

208	Synthesis and structure of upper-rim 1,3-alternate tetraoxacalix[2]arene[2]triazine azacrowns and change of cavity in response to fluoride anion. <i>Journal of Organic Chemistry</i> , 2007 , 72, 5218-26	4.2	67
207	Efficient functionalizations of heteroatom-bridged calix[2]arene[2]triazines on the larger rim. <i>Journal of Organic Chemistry</i> , 2007 , 72, 3757-63	4.2	67
206	Formation and conformational conversion of flattened partial cone oxygen bridged calix[2]arene[2]triazines. <i>Organic Letters</i> , 2007 , 9, 2847-50	6.2	67
205	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
204	Enantioselective biotransformations of racemic β -substituted phenylacetone nitriles and phenylacetamides using <i>Rhodococcus</i> sp. AJ270. <i>Tetrahedron: Asymmetry</i> , 2000 , 11, 1123-1135		64
203	Highly selective recognition of diols by a self-regulating fine-tunable methylazacalix[4]pyridine cavity: guest-dependent formation of molecular-sandwich and molecular-capsule complexes in solution and the solid state. <i>Chemistry - A European Journal</i> , 2007 , 13, 7791-802	4.8	63
202	Halide Recognition by Tetraoxacalix[2]arene[2]triazine Receptors: Concurrent Noncovalent Halide and Lone-pair Interactions in Host-Halide-Water Ternary Complexes. <i>Angewandte Chemie</i> , 2008 , 120, 7595-7598	3.6	63
201	Highly efficient and expedient synthesis of 5-hydroxy-1H-pyrrol-2-(5H)-ones from FeCl ₃ -catalyzed tandem intramolecular enaminic addition of tertiary enamides to ketones and 1,3-hydroxy rearrangement. <i>Organic Letters</i> , 2010 , 12, 3918-21	6.2	62
200	Anion recognition by charge neutral electron-deficient arene receptors. <i>Chimia</i> , 2011 , 65, 939-43	1.3	60
199	Toward the Synthesis of a Highly Strained Hydrocarbon Belt. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4576-4580	16.4	59
198	Reversal of nucleophilicity of enamides in water: control of cyclization pathways by reaction media for the orthogonal synthesis of dihydropyridinone and pyrrolidinone Clausena alkaloids. <i>Organic Letters</i> , 2008 , 10, 2461-4	6.2	59
197	Regiospecific functionalization of azacalixaromatics through copper-mediated aryl C-H activation and C-O bond formation. <i>Organic Letters</i> , 2011 , 13, 6560-3	6.2	58
196	Synthesis, structure and molecular recognition of functionalised tetraoxacalix[2]arene[2]triazines. <i>Chemistry - A European Journal</i> , 2010 , 16, 7265-75	4.8	55
195	Nitrile biotransformations for the efficient synthesis of highly enantiopure 1-arylaziridine-2-carboxylic acid derivatives and their stereoselective ring-opening reactions. <i>Journal of Organic Chemistry</i> , 2007 , 72, 2040-5	4.2	55
194	Synthesis of tetraazacalix[2]arene[2]triazines: tuning the cavity by the substituents on the bridging nitrogen atoms. <i>Organic Letters</i> , 2006 , 8, 5967-70	6.2	55
193	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
192	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
191	Exploring Anion-Interactions and Their Applications in Supramolecular Chemistry. <i>Accounts of Chemical Research</i> , 2020 , 53, 1364-1380	24.3	51

- 190 Anion-directed assembly of a rectangular supramolecular cage in the solid state with electron-deficient phenoxyated oxacalix[2]arene[2]triazine. *Chemical Communications*, **2012**, 48, 11458-60 5.8 49
- 189 Synthesis of 1,3,5-alternate azacalix[3]pyridine[3]pyrimidine and its complexation with fullerenes via multiple π - π and CH/ π interactions. *Chemical Communications*, **2011**, 47, 9690-2 5.8 49
- 188 Synthesis and structure of oxacalix[2]arene[2]triazines of an expanded π -electron-deficient cavity and their interactions with anions. *Journal of Organic Chemistry*, **2012**, 77, 1860-7 4.2 48
- 187 Enantioselective synthesis of 4-hydroxytetrahydropyridine derivatives by intramolecular addition of tertiary enamides to aldehydes. *Angewandte Chemie - International Edition*, **2012**, 51, 4417-20 16.4 48
- 186 Brønsted Acid Catalyzed Enantioselective Three-Component Reaction Involving the π -Addition of Isocyanides to Imines. *Angewandte Chemie*, **2009**, 121, 6845-6849 3.6 48
- 185 Highly efficient and concise synthesis of both antipodes of SB204900, clausenamamide, neoclausenamamide, homoclausenamamide and zeta-clausenamamide. Implication of biosynthetic pathways of *Clausena* alkaloids. *Organic and Biomolecular Chemistry*, **2009**, 7, 2628-34 3.9 48
- 184 Nitrile biotransformations for the synthesis of highly enantioenriched beta-hydroxy and beta-amino acid and amide derivatives: a general and simple but powerful and efficient benzyl protection strategy to increase enantioselectivity of the amidase. *Journal of Organic Chemistry*, **2008**, 73, 4087-91 4.2 48
- 183 Construction of C(aryl)-C(alkynyl) bond from copper-mediated arene-alkyne and aryl iodide-alkyne cross-coupling reactions: a common aryl-Cu(III) intermediate in arene C-H activation and Castro-Stephens reaction. *Organic Letters*, **2012**, 14, 1472-5 6.2 47
- 182 Synthesis and functionalization of heteroatom-bridged bicyclocalixaromatics, large molecular triangular prisms with electron-rich and -deficient aromatic interiors. *Journal of Organic Chemistry*, **2011**, 76, 1804-13 4.2 47
- 181 C(aryl)-C(alkyl) bond formation from Cu(ClO₄)₂-mediated oxidative cross coupling reaction between arenes and alkyllithium reagents through structurally well-defined Ar-Cu(III) intermediates. *Chemical Communications*, **2012**, 48, 9418-20 5.8 46
- 180 Nitrile biotransformations for highly efficient and enantioselective syntheses of electrophilic oxiranecarboxamides. *Journal of Organic Chemistry*, **2003**, 68, 4570-3 4.2 45
- 179 En route to inherently chiral tetraoxacalix[2]arene[2]triazines. *Tetrahedron*, **2007**, 63, 10801-10808 2.4 44
- 178 Nitrile biotransformations for the synthesis of enantiomerically enriched Baylis-Hillman adducts. *Organic and Biomolecular Chemistry*, **2003**, 1, 535-40 3.9 44
- 177 Catalytic Asymmetric Tandem Reaction of Tertiary Enamides: Expeditious Synthesis of Pyrrolo[2,1-a]isoquinoline Alkaloid Derivatives. *Angewandte Chemie - International Edition*, **2016**, 55, 3799-803 16.4 44
- 176 Synthesis, structure, and functionalization of homo heterocalix[2]arene[2]triazines: versatile conformation and cavity structures regulated by the bridging elements. *Journal of Organic Chemistry*, **2010**, 75, 3786-96 4.2 43
- 175 Catalytic Enantioselective Passerini Three-Component Reaction. *Angewandte Chemie*, **2008**, 120, 394-397 3.6 43
- 174 Nitrile biotransformations for highly enantioselective synthesis of oxiranecarboxamides with tertiary and quaternary stereocenters; efficient chemoenzymatic approaches to enantiopure alpha-methylated serine and isoserine derivatives. *Journal of Organic Chemistry*, **2005**, 70, 2439-44 4.2 42
- 173 Enzymatic desymmetrization of 3-alkyl- and 3-arylglutaronitriles, a simple and convenient approach to optically active 4-amino-3-phenylbutanoic acids. *Tetrahedron: Asymmetry*, **2002**, 12, 3367-3373 4.2 42

172	Enantioselective synthesis of chiral cyclopropane compounds through microbial transformations of trans-2-arylcyclopropanecarbonitriles. <i>Tetrahedron Letters</i> , 2000 , 41, 6501-6505	2	41
171	Molecular Barrel by a Hooping Strategy: Synthesis, Structure, and Selective CO Adsorption Facilitated by Lone Pair- π Interactions. <i>Journal of the American Chemical Society</i> , 2017 , 139, 635-638	16.4	40
170	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
169	Hydrocarbon Belts with Truncated Cone Structures. <i>Journal of the American Chemical Society</i> , 2020 , 142, 1196-1199	16.4	40
168	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
167	Synthesis and highly selective bromination of Azacalix[4]pyrimidine macrocycles. <i>Journal of Organic Chemistry</i> , 2010 , 75, 741-7	4.2	39
166	Highly efficient and enantioselective biotransformations of racemic azetidine-2-carbonitriles and their synthetic applications. <i>Journal of Organic Chemistry</i> , 2009 , 74, 6077-82	4.2	39
165	Coronarenes: recent advances and perspectives on macrocyclic and supramolecular chemistry. <i>Science China Chemistry</i> , 2018 , 61, 993-1003	7.9	38
164	Synthesis, structure, and fullerene-complexing property of azacalix[6]aromatics. <i>Journal of Organic Chemistry</i> , 2014 , 79, 3559-71	4.2	38
163	Highly selective complexation of metal ions by the self-tuning tetraazacalixpyridine macrocycles. <i>Tetrahedron</i> , 2009 , 65, 87-92	2.4	38
162	Synthesis of (NH)(m)(NMe)(4-m)-bridged calix[4]pyridines and the effect of NH bridge on structure and properties. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8595-603	4.2	38
161	Efficient Biocatalytic Synthesis of Highly Enantiopure α -Alkylated Arylglycines and Amides. <i>Advanced Synthesis and Catalysis</i> , 2004 , 346, 439-445	5.6	38
160	Nitrile biotransformation for highly enantioselective synthesis of 3-substituted 2,2-dimethylcyclopropanecarboxylic acids and amides. <i>Journal of Organic Chemistry</i> , 2003 , 68, 621-4	4.2	38
159	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
158	Synthesis, Structure, and Anion Binding Properties of Electron-Deficient Tetrahomocorona[4]arenes: Shape Selectivity in Anion- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6536-6540	16.4	37
157	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, 11139-45	4.2	37
156	Highly enantioselective biotransformations of 2-aryl-4-pentenitriles, a novel chemoenzymatic approach to (R)- α -baclofen. <i>Tetrahedron Letters</i> , 2002 , 43, 6617-6620	2	37
155	Microbial desymmetrization of 3-arylglutaronitriles, an unusual enhancement of enantioselectivity in the presence of additives. <i>Tetrahedron Letters</i> , 2000 , 41, 8549-8552	2	37

154	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
153	Synthesis, Structure, and [60]Fullerene Complexation Properties of Azacalix[m]arene[n]pyridines. <i>Angewandte Chemie</i> , 2004 , 116, 856-860	3.6	36
152	Enzymatic synthesis of optically active 2-methyl- and 2,2-dimethylcyclopropanecarboxylic acids and their derivatives. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2002 , 18, 267-272		36
151	A novel approach to enantiopure cyclopropane compounds from biotransformation of nitriles. <i>New Journal of Chemistry</i> , 2002 , 26, 1575-1583	3.6	36
150	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
149	Synthesis, Structure, and Molecular Recognition of S ₆ - and (SO ₂) 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
148	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
147	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
146	Synthesis, structure, and reactions of NH-bridged calix[m]arene[n]pyridines. <i>Journal of Organic Chemistry</i> , 2009 , 74, 5361-8	4.2	33
145	Highly efficient construction of large molecular cavity using 1,3-alternate tetraoxacalix[2]arene[2]triazine as a platform. <i>Chemical Communications</i> , 2008 , 3864-6	5.8	33
144	An unusual beta-vinyl effect leading to high efficiency and enantioselectivity of the amidase, nitrile biotransformations for the preparation of enantiopure 3-arylpent-4-enoic acids and amides and their applications in synthesis. <i>Journal of Organic Chemistry</i> , 2006 , 71, 9532-5	4.2	33
143	Synthesis of high enantiomeric purity gem-dihalocyclopropane derivatives from biotransformations of nitriles and amides. <i>Tetrahedron: Asymmetry</i> , 2004 , 15, 347-354		33
142	Nitrile and Amide Biotransformations for Efficient Synthesis of Enantiopure gem-Dihalocyclopropane Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2003 , 345, 695-698	5.6	33
141	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
140	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
139	Construction of Hydrocarbon Nanobelts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 7700-7705	16.4	31
138	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
137	Nitrile and amide biotransformations for the synthesis of enantiomerically pure 3-arylaziridine-2-carboxamide derivatives and their stereospecific ring-opening reactions. <i>Journal of Organic Chemistry</i> , 2007 , 72, 9391-4	4.2	31

- 136 Asymmetric Synthesis of 5-(1-Hydroxyalkyl)tetrazoles by Catalytic Enantioselective Passerini-Type Reactions. *Angewandte Chemie*, **2008**, 120, 9596-9599 3.6 30
- 135 Synthesis of enantiomerically enriched (S)-(+)-2-aryl-4-pentenoic acids and (R)-(-)-2-aryl-4-pentenamides via microbial hydrolysis of nitriles, a chemoenzymatic approach to stereoisomers of β -disubstituted γ -butyrolactones. *Tetrahedron: Asymmetry*, **2002**, 13, 1695-1702 30
- 134 O-Corona[6]arenes with Expanded Cavities for Specific Complexation with C. *Organic Letters*, **2017**, 19, 1590-1593 6.2 29
- 133 Synthesis, resolution, structure, and racemization of inherently chiral 1,3-alternate azacalix[4]pyrimidines: quantification of conformation mobility. *Journal of Organic Chemistry*, **2014**, 79, 2178-88 4.2 29
- 132 Synthesis, Structure, and Properties of Corona[6]arenes and Their Assembly with Anions in the Crystalline State. *Journal of Organic Chemistry*, **2018**, 83, 1502-1509 4.2 28
- 131 Synthesis of 4-amino-1,2,3,4-tetrahydropyridine derivatives by intramolecular nucleophilic addition of tertiary enamides to in-situ generated imines. *Tetrahedron*, **2012**, 68, 6492-6497 2.4 28
- 130 Dramatic enhancement of enantioselectivity of biotransformations of beta-hydroxy nitriles using a simple O-benzyl protection/docking group. *Organic Letters*, **2006**, 8, 3231-4 6.2 28
- 129 Zinc Bromide Promoted Coupling of Isonitriles with Carboxylic Acids To Form 2,4,5-Trisubstituted Oxazoles. *Angewandte Chemie*, **2013**, 125, 11078-11082 3.6 27
- 128 Remarkable electronic and steric effects in the nitrile biotransformations for the preparation of enantiopure functionalized carboxylic acids and amides: implication for an unsaturated carbon-carbon bond binding domain of the amidase. *Journal of Organic Chemistry*, **2007**, 72, 6060-6 4.2 27
- 127 Zigzag Hydrocarbon Belts. *CCS Chemistry*, **2021**, 3, 916-931 7.2 27
- 126 Synthesis of diverse di- to penta-substituted 1,2-dihydropyridine derivatives from gold(I)-catalyzed intramolecular addition of tertiary enamides to alkynes. *Tetrahedron Letters*, **2015**, 56, 3898-3901 2 26
- 125 Synthesis of optically active β -methylamino acids and amides through biocatalytic kinetic resolution of amides. *Tetrahedron: Asymmetry*, **2005**, 16, 2409-2416 26
- 124 Synthesis of trifluoromethylthiolated azacalix[1]arene[3]pyridines from the Cu(II)-mediated direct trifluoromethylthiolation reaction of arenes via reactive arylcopper(III) intermediates. *Organic Chemistry Frontiers*, **2016**, 3, 880-886 5.2 25
- 123 Synthesis, Structure, and Properties of O6-Corona[3]arene[3]tetrazines. *Angewandte Chemie*, **2014**, 126, 13766-13770 3.6 25
- 122 Synthesis and application of enantioenriched functionalized β -tetrasubstituted β -amino acids from biocatalytic desymmetrization of prochiral β -aminomalonomides. *Journal of Organic Chemistry*, **2012**, 77, 5584-91 4.2 24
- 121 Synthesis and Structure of Corona[6](het)arenes Containing Mixed Bridge Units. *Organic Letters*, **2016**, 18, 2668-71 6.2 24
- 120 Rational design of a functionalized oxacalix[2]arene[2]triazine host for selective recognition of H₂PO₄⁻ by cooperative anion- π and hydrogen bond interactions. *Tetrahedron Letters*, **2012**, 53, 6226-6229² 23
- 119 Progress of Enantioselective Nitrile Biotransformations in Organic Synthesis. *Chimia*, **2009**, 63, 331-333 1.3 23

118	Immobilization of Rhodococcus sp. AJ270 in alginate capsules and its application in enantioselective biotransformation of trans-2-methyl-3-phenyl-oxiranecarbonitrile and amide. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 1-5	3.8	23
117	A [2+3] fragment coupling approach to N,O-bridged calix[1]arene[4]pyridines and their complexation with C60. <i>Tetrahedron Letters</i> , 2009 , 50, 7209-7212	2	22
116	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
115	Aromatic hydrocarbon belts. <i>Nature Chemistry</i> , 2021 , 13, 402-419	17.6	21
114	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
113	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
112	Enantioselective biotransformations of racemic and meso pyrrolidine-2,5-dicarboxamides and their application in organic synthesis. <i>Journal of Organic Chemistry</i> , 2012 , 77, 4063-72	4.2	20
111	Functionalized O6-Corona[6]arenes: Synthesis, Structure, and Fullerene Complexation Property. <i>Organic Letters</i> , 2016 , 18, 3126-9	6.2	19
110	Nitrile biotransformations for the practical synthesis of highly enantiopure azido carboxylic acids and amides, click to functionalized chiral triazoles and chiral amino acids. <i>Tetrahedron: Asymmetry</i> , 2006 , 17, 2366-2376		19
109	The Reaction of Benzoyl Substituted Heterocyclic Ketene Aminals with 4-Nitrobenzhydroxamic Acid Chloride. <i>Synthetic Communications</i> , 1991 , 21, 1167-1176	1.7	19
108	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
107	Ring-chain tautomerism in organic synthesis: synthesis of heterocyclic enamines from a novel and practical formal ring transformation reaction of lactones. <i>Journal of Organic Chemistry</i> , 2003 , 68, 3281-6	4.2	18
106	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
105	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
104	Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23649-23658	16.4	17
103	Construction of Hydrocarbon Nanobelts. <i>Angewandte Chemie</i> , 2020 , 132, 7774-7779	3.6	16
102	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
101	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

100	Synthesis and Molecular Recognition of Water-Soluble S6-Corona[3]arene[3]pyridazines. <i>Angewandte Chemie</i> , 2015 , 127, 8506-8509	3.6	16
99	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
98	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
97	Highly efficient and enantioselective biotransformations of β -lactam carbonitriles and carboxamides and their synthetic applications. <i>Organic and Biomolecular Chemistry</i> , 2010 , 8, 4736-43	3.9	16
96	Microbial whole cell-catalyzed desymmetrization of prochiral malonamides: practical synthesis of enantioenriched functionalized carbamoylacetates and their application in the preparation of unusual β -amino acids. <i>Tetrahedron</i> , 2011 , 67, 5604-5609	2.4	16
95	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
94	Synthesis of electron-deficient oxacalix[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
93	Biocatalysis: A Gateway to Industrial Biotechnology. <i>Advanced Synthesis and Catalysis</i> , 2011 , 353, 2189-2190	1.9	15
92	Host-Guest Interaction between Corona[n]arene and Bisquaternary Ammonium Derivatives for Fabricating Supra-Amphiphile. <i>Langmuir</i> , 2017 , 33, 5829-5834	4	14
91	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
90	Synthesis of Optically Active β -Alkyl - β -methylene - β -butyro -lactones from Enantioselective Biotransformation of Nitriles, an Unusual Inversion of Enantioselectivity. <i>Chinese Journal of Chemistry</i> , 2010 , 20, 1291-1299	4.9	14
89	Synthesis and functionalization of inherently chiral tetraoxacalix[2]arene[2]pyridines. <i>Organic Letters</i> , 2012 , 14, 6254-7	6.2	13
88	Synthesis and structural characterization of different topological coordination polymers based on tunable Cu ₄ Br ₄ film secondary building units and macrocyclic azacalixaromatics. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 3010-3016	3.3	13
87	Nitrile biotransformations for the synthesis of enantiomerically enriched α -, and β -hydroxy and -alkoxy acids and amides, a dramatic O-substituent effect of the substrates on enantioselectivity. <i>Tetrahedron: Asymmetry</i> , 2008 , 19, 322-329		13
86	Synthesis of i-Corona[6]arenes for Selective Anion Binding: Interdependent and Synergistic Anion- π and Hydrogen-Bond Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 23716-23723	16.4	13
85	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
84	Synthesis, Structure, and Anion Binding Properties of Electron-Deficient Tetrahomocorona[4]arenes: Shape Selectivity in Anion- π Interactions. <i>Angewandte Chemie</i> , 2018 , 130, 6646-6650	3.6	12
83	One-pot synthesis of oxygen and nitrogen-bridged calix[2]arene[2]triazines. <i>Supramolecular Chemistry</i> , 2014 , 26, 601-606	1.8	12

82	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
81	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
80	Syntheses and conformational structures of functionalized tetraoxacalix[2]arene[2]triazines. <i>Tetrahedron</i> , 2012 , 68, 9464-9477	2.4	11
79	Synthesis of Acetyl-Substituted Heterocyclic Enamines and Their Reaction with Diethyl Azodicarboxylate. <i>Synthetic Communications</i> , 1995 , 25, 1339-1351	1.7	11
78	The Reaction of Benzoyl Substituted Heterocyclic Ketene Aminals with 2,4,6-Trimethylbenzotrile Oxide. <i>Synthetic Communications</i> , 1991 , 21, 1909-1915	1.7	11
77	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
76	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
75	Synthesis, structure and transition metal ion complexation property of lariat azacalix[4]pyridines. <i>Tetrahedron</i> , 2015 , 71, 2105-2112	2.4	10
74	Synthesis of Electron-Deficient Corona[5]arenes and Their Selective Complexation with Dihydrogen Phosphate: Cooperative Effects of Anion- π Interactions. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 8078-8083	16.4	10
73	Enantioselective Synthesis of 4-Hydroxytetrahydropyridine Derivatives by Intramolecular Addition of Tertiary Enamides to Aldehydes. <i>Angewandte Chemie</i> , 2012 , 124, 4493-4496	3.6	10
72	Highly Enantioselective Microbial Hydrolysis of cis-2-Arylcyclopropanecarbonitriles. <i>Chinese Journal of Chemistry</i> , 2010 , 19, 113-115	4.9	10
71	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
70	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
69	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
68	Synthesis and Structure of Functionalized Zigzag Hydrocarbon Belts. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 18151-18155	16.4	9
67	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
66	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
65	Supramolecular chemistry: defined. <i>Supramolecular Chemistry</i> , 2016 , 28, 1-3	1.8	8

64	The reaction of aroyl-substituted heterocyclic ketene amins with aryl azides. <i>Heteroatom Chemistry</i> , 2000 , 11, 387-391	1.2	8
63	Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Angewandte Chemie</i> , 2020 , 132, 23857-23866	5.6	8
62	Biocatalytic Desymmetrization of Prochiral 3-Aryl and 3-Arylmethyl Glutaramides: Different Remote Substituent Effect on Catalytic Efficiency and Enantioselectivity. <i>Advanced Synthesis and Catalysis</i> , 2018 , 360, 4594-4603	5.6	8
61	Macrocyclic Aryl-Nickel(II) Complexes: Synthesis, Structure, and Reactivity Studies. <i>Organometallics</i> , 2015 , 34, 5167-5174	3.8	7
60	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
59	1,3-Dicarbonyls in Multicomponent Reactions 2014 , 109-158		7
58	Oligo-m-aniline Foldamers. <i>Tetrahedron Letters</i> , 2012 , 53, 6426-6429	2	7
57	Enantioselective Biotransformations of Nitriles. <i>Topics in Organometallic Chemistry</i> , 2011 , 105-121	0.6	7
56	1,1-Enediamines 2013 , 1303-1363		7
55	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
54	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	13.1	7
53	Multiresponsive Vesicles Composed of Amphiphilic Azacalix[4]pyridine Derivatives. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 10378-10382	9.5	6
52	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
51	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
50	Selective Formylation of Azacalixpyridine Macrocycles and Their Transformation to Molecular Semicages. <i>Journal of Organic Chemistry</i> , 2015 , 80, 9272-8	4.2	6
49	Construction and Multiple Exterior Surface Functionalization of Giant Molecular Cages. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 7895-7905	3.2	6
48	A Facile Method for the Synthesis of Novel Quinazolinone Compounds. <i>Synthetic Communications</i> , 1996 , 26, 475-482	1.7	6
47	Synthesis and Structure of Functionalized Zigzag Hydrocarbon Belts. <i>Angewandte Chemie</i> , 2020 , 132, 18308-18312	3.6	5

46	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
45	Azacalixaromatics 2016 , 363-397		5
44	Synthesis of functionalized azacalix[3]aromatics from azacalix[4]pyrimidine: unexpected macrocyclic transannular reactions. <i>Tetrahedron Letters</i> , 2014 , 55, 3259-3262	2	5
43	Synthesis of Heterocyclic Ketene N,S- and N,O-Acetals with Ester Substituent in the Heterocyclic Ring. <i>Synthetic Communications</i> , 1991 , 21, 1177-1187	1.7	5
42	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
41	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
40	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
39	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
38	Oxacalix[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
37	Macrocycles from Multicomponent Reactions 2014 , 231-264		4
36	Aryne-Based Multicomponent Reactions 2014 , 39-72		4
35	General Introduction to MCRs: Past, Present, and Future 2014 , 1-12		4
34	A Theoretical Study on the Macrocyclic Strain of Zigzag Molecular Belts. <i>Organic Materials</i> , 2020 , 02, 300-305	1.9	4
33	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
32	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
31	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
30	Domino Reactions of Tertiary Enamides in Organic Synthesis. <i>Synlett</i> , 2021 , 32, 1419-1427	2.2	4
29	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

28	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
27	Alkynes in Multicomponent Synthesis of Heterocycles 2014 , 333-378		3
26	Metal-Catalyzed Multicomponent Synthesis of Heterocycles 2014 , 207-230		3
25	Functionalization of Heterocycles by MCRs 2014 , 159-182		3
24	Free-Radical Multicomponent Processes 2014 , 401-438		3
23	Synthesis of Hydroxylated 3,4-Dihydropyridine-2-ones from Intramolecular Nucleophilic Addition Reaction of Oxirane-Containing Tertiary Enamides. <i>Synlett</i> , 2011 , 2011, 927-930	2.2	3
22	Nucleophilic Reaction of Heterocyclic Enamines with Nitrile imine 1,3-Dipoles. <i>Synthetic Communications</i> , 2000 , 30, 3255-3265	1.7	3
21	A Simple and Efficient Chlorination Reaction of Heterocyclic Ketene Aminals. <i>Synthetic Communications</i> , 1999 , 29, 4241-4249	1.7	3
20	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
19	Synthesis and Reactions of -Symmetric 1,3,5,7(1,3)-Tetraabenzenacyclooctaphane Tetraazide and Tetraamine Derivatives: Toward the Synthesis of Nitrogen-Embedded Zigzag Hydrocarbon Belts. <i>Organic Letters</i> , 2021 , 23, 1835-1839	6.2	3
18	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
17	Silver-Catalyzed Three-Component 1,1-Aminoacylation of Homopropargylamines: β -Additions for Both Terminal Alkynes and Isocyanides. <i>Angewandte Chemie</i> , 2017 , 129, 8066-8070	3.6	2
16	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
15	Enantioselective Passerini Reaction 2013 , 95-101		2
14	Allenes in Multicomponent Synthesis of Heterocycles 2014 , 301-332		2
13	Hydroxy-Substituted Azacalix[4]Pyridines: Synthesis, Structure, and Construction of Functional Architectures. <i>Frontiers in Chemistry</i> , 2019 , 7, 553	5	1
12	Recognition of anions by protonated methylazacalixpyridines. <i>Frontiers of Chemistry in China: Selected Publications From Chinese Universities</i> , 2009 , 4, 307-312		1
11	Räktitelbild: 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	

- 10 Innenrücktitelbild: Oxygen- and Nitrogen-Embedded Zigzag Hydrocarbon Belts (Angew. Chem. 52/2020). *Angewandte Chemie*, **2020**, 132, 24111-24111 3.6
- 9 Anhydride-Based Multicomponent Reactions **2014**, 379-400
- 8 Chiral Phosphoric Acid-Catalyzed Asymmetric Multicomponent Reactions **2014**, 439-470
- 7 Multicomponent Reactions under Oxidative Conditions **2014**, 265-300
- 6 Diazoacetate and Related Metal-Stabilized Carbene Species in MCRs **2014**, 183-206
- 5 Ugi-Bimiles and Passerini-Bimiles Couplings **2014**, 73-108
- 4 Discovery of MCRs **2014**, 13-38
- 3 Supramolecular Organic Chemistry: The Foldamer Approach **2012**, 477-535
- 2 Development and Application of Isocyanide-based Multicomponent Reactions **2012**, 121
- 1 Rearrangements and Tautomerizations of Enamines 889-922