

# Da-Ming Du

## List of Publications by Citations

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#	Paper	IF	Citations
168	The development of double axially chiral phosphoric acids and their catalytic transfer hydrogenation of quinolines. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 759-62	16.4	279
167	Highly enantioselective Michael addition of nitroalkanes to chalcones using chiral squaramides as hydrogen bonding organocatalysts. <i>Organic Letters</i> , <b>2010</b> , 12, 5450-3	6.2	253
166	Asymmetric Henry reaction catalyzed by C2-symmetric tridentate bis(oxazoline) and bis(thiazoline) complexes: metal-controlled reversal of enantioselectivity. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 3712-5	4.2	203
165	Enantioselective Friedel-Crafts alkylation of indoles with nitroalkenes catalyzed by bifunctional tridentate bis(oxazoline)-Zn(II) complex. <i>Organic Letters</i> , <b>2006</b> , 8, 2115-8	6.2	154
164	Facile synthesis of C2-symmetric tridentate bis(thiazoline) and bis(oxazoline) ligands and their application in the enantioselective Henry reaction. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 3433-3441		149
163	Recent Advances in the Synthesis of 2-Imidazolines and Their Applications in Homogeneous Catalysis. <i>Advanced Synthesis and Catalysis</i> , <b>2009</b> , 351, 489-519	5.6	120
162	Asymmetric Michael addition of nitroalkanes to nitroalkenes catalyzed by C2-symmetric tridentate bis(oxazoline) and bis(thiazoline) zinc complexes. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 7418-9	16.4	119
161	Chiral Squaramide-Catalyzed Highly Enantioselective Michael Addition of 2-Hydroxy-1,4-naphthoquinones to Nitroalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2011</b> , 353, 1241-1246	5.6	112
160	Do reaction conditions affect the stereoselectivity in the Staudinger reaction?. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 6983-90	4.2	107
159	Asymmetric Friedel-Crafts alkylation of electron-rich N-heterocycles with nitroalkenes catalyzed by diphenylamine-tethered bis(oxazoline) and bis(thiazoline) Zn(II) complexes. <i>Chemistry - an Asian Journal</i> , <b>2008</b> , 3, 1111-21	4.5	95
158	Development of Diphenylamine-Linked Bis(imidazoline) Ligands and Their Application in Asymmetric Friedel-Crafts Alkylation of Indole Derivatives with Nitroalkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2010</b> , 352, 1113-1118	5.6	93
157	The Development of Double Axially Chiral Phosphoric Acids and Their Catalytic Transfer Hydrogenation of Quinolines. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 771-774	3.6	88
156	Cinchona-based squaramide-catalysed cascade aza-Michael-Michael addition: enantioselective construction of functionalized spirooxindole tetrahydroquinolines. <i>Chemical Communications</i> , <b>2013</b> , 49, 8842-4	5.8	85
155	Squaramide-tertiary amine catalyzed asymmetric cascade sulfa-Michael/Michael addition via dynamic kinetic resolution: access to highly functionalized chromans with three contiguous stereocenters. <i>Organic Letters</i> , <b>2013</b> , 15, 1190-3	6.2	83
154	Chiral squaramide-catalyzed highly diastereo- and enantioselective direct Michael addition of nitroalkanes to nitroalkenes. <i>Chemical Communications</i> , <b>2011</b> , 47, 12706-8	5.8	81
153	Notable and obvious ketene substituent-dependent effect of temperature on the stereoselectivity in the Staudinger reaction. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 990-7	4.2	76
152	Asymmetric Friedel-Crafts alkylation of methoxyfuran with nitroalkenes catalyzed by diphenylamine-tethered bis(oxazoline)-Zn(II) complexes. <i>Organic Letters</i> , <b>2007</b> , 9, 4725-8	6.2	75

151	Synthesis of C <sub>3</sub> -symmetric tris(beta-hydroxy amide) ligands and their Ti(IV) complex-catalyzed enantioselective alkynylation of aldehydes. <i>Organic Letters</i> , <b>2005</b> , 7, 2081-4	6.2	72
150	Development of bivalent acetylcholinesterase inhibitors as potential therapeutic drugs for Alzheimer's disease. <i>Current Pharmaceutical Design</i> , <b>2004</b> , 10, 3141-56	3.3	70
149	Synthesis and Spectroscopic Properties of Homoleptic Bis[octakis(octyloxy)phthalocyaninato] Rare Earth(III) Sandwich Complexes. <i>Australian Journal of Chemistry</i> , <b>2000</b> , 53, 131	1.2	70
148	Dimerization of an Inactive Fragment of Huperzine A Produces a Drug with Twice the Potency of the Natural Product This work was supported by the Research Grants Council of Hong Kong (HKUST6156/97M), the Biotechnology Research Institute (HKUST), the Mayo Foundation, and the Istituto Pasteur-Fondazione Cenci Bolognnetti (I.P.F.). We thank Prof. X.-C. Tang (Shanghai Institute of	16.4	69
147	Squaramide-catalyzed enantioselective Michael addition of malononitrile to chalcones. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 332-8	3.9	68
146	Organocatalytic Enantioselective Cascade Aza-Michael/Michael Addition for the Synthesis of Highly Functionalized Tetrahydroquinolines and Tetrahydrochromanoquinolines. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 3670-3678	5.6	66
145	Organocatalytic highly enantioselective Michael addition of 2-hydroxy-1,4-naphthoquinones to nitroalkenes. <i>Organic Letters</i> , <b>2008</b> , 10, 2817-20	6.2	65
144	Potent, easily synthesized huperzine A-tacrine hybrid acetylcholinesterase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>1999</b> , 9, 2335-8	2.9	65
143	Efficient organocatalytic asymmetric synthesis of 2-amino-4H-chromene-3-carbonitrile derivatives. <i>Tetrahedron: Asymmetry</i> , <b>2012</b> , 23, 339-344		64
142	Squaramide-Catalyzed Asymmetric Reactions. <i>Chemical Record</i> , <b>2017</b> , 17, 994-1018	6.6	63
141	Rational tuning chelate size of bis-oxazoline ligands to improve enantioselectivity in the asymmetric aziridination of chalcones. <i>Journal of Organic Chemistry</i> , <b>2005</b> , 70, 10155-8	4.2	59
140	Synthesis, Spectroscopic, and Electrochemical Properties of Rare Earth Double-Decker with Tetra(tert-butyl)-2,3-naphthalocyaninato Ligands. <i>European Journal of Inorganic Chemistry</i> , <b>2000</b> , 2000, 205-209	2.3	58
139	Construction of Spirocyclopropane-Linked Heterocycles Containing Both Pyrazolones and Oxindoles through Michael/Alkylation Cascade Reactions. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 11369-77	4.2	57
138	Squaramide-catalysed enantio- and diastereoselective sulfa-Michael addition of thioacetic acid to $\alpha$ -disubstituted nitroalkenes. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 6876-84	3.9	57
137	Organocatalyzed cascade aza-Michael/Michael addition for the asymmetric construction of highly functionalized spiropyrazolone tetrahydroquinolines. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 3278-86	4.5	56
136	Structurally well-defined, recoverable C <sub>3</sub> -symmetric tris(beta-hydroxy phosphoramidate)-catalyzed enantioselective borane reduction of ketones. <i>Organic Letters</i> , <b>2006</b> , 8, 1327-30	6.2	50
135	Enantioselective Aza-Henry Reaction of Imines Bearing a Benzothiazole Moiety Catalyzed by a Cinchona-Based Squaramide. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 1137-1148	5.6	48
134	Organocatalytic cascade Michael/Michael reaction for the asymmetric synthesis of spirooxindoles containing five contiguous stereocenters. <i>Chemical Communications</i> , <b>2016</b> , 52, 6162-5	5.8	45

133	Enantioselective Squaramide-Catalyzed Trifluoromethylthiolation-Sulfur-Michael/Aldol Cascade Reaction: One-Pot Synthesis of CFS-Containing Spiro Cyclopentanone-Thiochromanes. <i>Organic Letters</i> , <b>2017</b> , 19, 1036-1039	6.2	44
132	Comparative spectroscopic and electrochemical properties of bis(octakis(dodecylthio)naphthalocyaninato)europium(III) and bis(tetra-tert-butyl-naphthalocyaninato)europium(III) complexes. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 128-35	5.1	44
131	Diastereo- and Enantioselective Synthesis of Spiro-Pyrrolidine-Pyrrolazolones by Squaramide-Catalyzed Cascade Aza-Michael/Michael Reactions. <i>European Journal of Organic Chemistry</i> , <b>2016</b> , 2016, 2492-2499	3.2	44
130	Asymmetric Friedel-Crafts alkylation of indoles with 3-nitro-2H-chromenes catalyzed by diphenylamine-linked bis(oxazoline) and bis(thiazoline) Zn(II) complexes. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 4739-46	3.9	43
129	Diastereoselectivity in the Staudinger reaction: a useful probe for investigation of nonthermal microwave effects. <i>Tetrahedron</i> , <b>2007</b> , 63, 9387-9392	2.4	42
128	Asymmetric Construction of Bispiro[oxindole-pyrrolidine-rhodanine]s via Squaramide-Catalyzed Domino Michael/Mannich [3 + 2] Cycloaddition of Rhodanine Derivatives with N-(2,2,2-Trifluoroethyl)isatin Ketimines. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 9278-9290	4.2	42
127	Squaramide-catalysed enantioselective Michael addition of pyrazolin-5-ones to nitroalkenes. <i>Organic and Biomolecular Chemistry</i> , <b>2013</b> , 11, 6215-23	3.9	38
126	Efficient in situ three-component formation of chiral oxazoline-Schiff base copper(II) complexes: towards combinatorial library of chiral catalysts for asymmetric Henry reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2010</b> , 8, 2956-60	3.9	38
125	Immobilization of Diphenylamine-Linked Bis(oxazoline) Ligands and Their Application in the Asymmetric Friedel-Crafts Alkylation of Indole Derivatives with Nitroalkenes. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 2121-2131	3.2	38
124	Ligand and substrate H-bonding interaction controlled enantioselectivity in the asymmetric aziridination. <i>Tetrahedron: Asymmetry</i> , <b>2007</b> , 18, 878-884		37
123	Asymmetric aziridination of 1,3-dienes catalyzed by bisoxazoline-copper complexes. <i>Chirality</i> , <b>2006</b> , 18, 575-80	2.1	37
122	Investigation of formation, recognition, stabilization, and conversion of dimeric G-quadruplexes of HIV-1 integrase inhibitors by electrospray ionization mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2008</b> , 19, 550-9	3.5	36
121	Diastereo- and enantioselective construction of cyclohexanone-fused spiro-pyrazolones containing four consecutive stereocenters through asymmetric sequential reactions. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 1087-1090	5.2	36
120	Synthesis of Binaphthyl Sulfonimides and Their Application in the Enantioselective Michael Addition of Ketones to Nitroalkenes. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 5160-5164	3.2	34
119	Efficient synthesis of taurine and structurally diverse substituted taurines from aziridines. <i>Journal of Organic Chemistry</i> , <b>2007</b> , 72, 4543-6	4.2	34
118	Squaramide-catalyzed asymmetric Michael/cyclization cascade reaction of 3-isothiocyanato oxindoles with chalcones for synthesis of pyrrolidinyl spirooxindoles. <i>Organic Chemistry Frontiers</i> , <b>2017</b> , 4, 1229-1238	5.2	33
117	Facile synthesis of chiral 2-amino-4-(indol-3-yl)-4H-chromene derivatives using thiourea as the catalyst. <i>Tetrahedron: Asymmetry</i> , <b>2013</b> , 24, 1312-1317		33
116	Synthesis of novel chiral polyamide macrocycles containing pyridyl side-arms and their molecular recognition properties. <i>Tetrahedron: Asymmetry</i> , <b>2003</b> , 14, 999-1007		33

- 115 Asymmetric Friedel-Crafts Alkylation of Indoles with Nitrodienes and 2-Propargyloxy-Nitrostyrenes Catalyzed by Diphenylamine-Linked Bis(oxazoline)Zn(OTf)<sub>2</sub> Complexes. *European Journal of Organic Chemistry*, **2012**, 2012, 4042-4051 3.2 32
- 114 Enantioselective synthesis of 2-amino-5,6,7,8-tetrahydro-5-oxo-4H-chromene-3-carbonitriles using squaramide as the catalyst. *Tetrahedron: Asymmetry*, **2012**, 23, 1343-1349 31
- 113 Enantioselective synthesis of chiral heterocycles containing both chroman and pyrazolone derivatives catalysed by a chiral squaramide. *Organic and Biomolecular Chemistry*, **2015**, 13, 5636-45 3.9 30
- 112 Chiral Squaramide-Catalyzed Sulfa-Michael/Aldol Cascade for the Asymmetric Synthesis of Spirocyclic Tetrahydrothiophene Chromanone Derivatives. *European Journal of Organic Chemistry*, **2014**, 2014, 7850-7858 3.2 30
- 111 Synthesis of novel C<sub>2</sub>-symmetric chiral bis(oxazoline) ligands and their application in the enantioselective addition of diethylzinc to aldehydes. *Tetrahedron: Asymmetry*, **2004**, 15, 119-126 30
- 110 Bifunctional Squaramide-Catalyzed Asymmetric [3 + 2] Cyclization of 2-(1-Methyl-2-oxoindolin-3-yl)malononitriles with Unsaturated Pyrazolones To Construct Spirooxindole-Fused Spiropyrazolones. *Journal of Organic Chemistry*, **2019**, 84, 10209-10220 4.2 28
- 109 Squaramide-catalyzed diastereo- and enantioselective Michael addition of 3-substituted oxindoles to nitroalkenes. *Tetrahedron: Asymmetry*, **2012**, 23, 972-980 28
- 108 Recent advances in organocatalytic asymmetric oxa-Michael addition triggered cascade reactions. *Organic Chemistry Frontiers*, **2020**, 7, 3266-3283 5.2 28
- 107 Enantioselective Synthesis of CF<sub>3</sub>-Containing 3,2-Pyrrolidinyl Spirooxindoles and Dispirooxindoles via Thiourea-Catalyzed Domino Michael/Mannich [3+2] Cycloaddition Reactions. *Advanced Synthesis and Catalysis*, **2019**, 361, 1064-1070 5.6 28
- 106 Asymmetric Synthesis of Spirooxindoles with Seven Stereocenters via Organocatalyzed One-pot Three-component Sequential Cascade Reactions. *Advanced Synthesis and Catalysis*, **2019**, 361, 3412-3419<sup>5.6</sup> 27
- 105 Organocatalytic Asymmetric Michael/Cyclization Cascade Reaction of 3-Isothiocyanato Oxindoles with Maleimides for the Efficient Construction of Pyrrolidonyl Spirooxindoles. *European Journal of Organic Chemistry*, **2016**, 2016, 4711-4718 3.2 27
- 104 Organocatalytic Enantioselective Cascade Aza-Michael/Michael Addition Sequence for Asymmetric Synthesis of Chiral Spiro[pyrrolidine-3,3'-oxindole]s. *Asian Journal of Organic Chemistry*, **2015**, 4, 1120-1126<sup>3</sup> 27
- 103 Chiral Squaramide-Catalyzed Michael/Alkylation Cascade Reaction for the Asymmetric Synthesis of Nitro-Spirocyclopropanes. *European Journal of Organic Chemistry*, **2015**, 2015, 5350-5359 3.2 27
- 102 Highly enantioselective synthesis of warfarin and its analogs catalysed by primary amine-phosphinamide bifunctional catalysts. *Organic and Biomolecular Chemistry*, **2012**, 10, 8125-31 3.9 27
- 101 Unusual reaction of beta-hydroxy alpha-diazo carbonyl compounds with Cl<sub>3</sub>CCN/NaH and Rh(II)-catalyzed reaction of beta-trichloroacetyl amino alpha-diazo carbonyl compounds. *Organic Letters*, **2003**, 5, 2243-6 6.2 27
- 100 Synthesis and Spectroscopic Characterization of Heteroleptic Europium(III) Double-deckers Containing 2,3-Naphthalocyaninato and Tetra(4-pyridyl)porphyrinato Ligands. *Chemistry Letters*, **1999**, 28, 261-262 1.7 27
- 99 Squaramide-Catalyzed Enantioselective Cascade Approach to Bispirooxindoles with Multiple Stereocenters. *Advanced Synthesis and Catalysis*, **2016**, 358, 3992-3998 5.6 27
- 98 Catalytic Asymmetric Mannich/Cyclization of 2-Isothiocyanato-1-indanones: An Approach to the Synthesis of Bispirocyclic Indanone-Thioimidazolidine-Oxindoles. *Organic Letters*, **2018**, 20, 3797-3800 6.2 26

- 97 Solvent-free, AlCl<sub>3</sub>-promoted tandem Friedel-Crafts reaction of arenes and aldehydes. *Journal of Molecular Catalysis A*, **2006**, 255, 31-35 26
- 96 Chiral squaramide-catalysed one-pot enantioselective sulfa-Michael addition/thioesterification of thiols with  $\alpha$ -unsaturated N-acylated succinimides. *Organic and Biomolecular Chemistry*, **2014**, 12, 1585-94 25
- 95 Squaramide-catalysed enantioselective Mannich reaction of imines bearing a heterocycle with malonates. *RSC Advances*, **2013**, 3, 16349 3.7 25
- 94 Highly Enantioselective Henry Reaction Catalyzed by C<sub>2</sub>-Symmetric Modular BINOL-Oxazoline Schiff Base Copper(II) Complexes Generated in Situ. *European Journal of Organic Chemistry*, **2011**, 2011, 1552-1556 3.2 25
- 93 Chiral-Squaramide-Catalyzed Sulfa-Michael/Aldol Cascade Reactions for Asymmetric Synthesis of Spirothiochromanones. *Asian Journal of Organic Chemistry*, **2015**, 4, 778-787 3 24
- 92 Organocatalytic Asymmetric Synthesis of 3,3'-Pyrrolidiny-bispirooxindoles via Michael/N-Hemiketalization Cascade Reaction between 3-Aminooxindoles and Isatin-Derived  $\alpha$ -Unsaturated  $\beta$ -Keto Esters. *Journal of Organic Chemistry*, **2018**, 83, 7741-7750 4.2 23
- 91 Enantioselective synthesis of enol lactones from tandem Michael addition/lactonization catalyzed by a chiral squaramide catalyst. *Tetrahedron: Asymmetry*, **2014**, 25, 310-317 23
- 90 Efficient enantioselective fluorination of  $\beta$ -keto esters/amides catalysed by diphenylamine-linked bis(thiazoline)Cu(OTf)<sub>2</sub> complexes. *RSC Advances*, **2014**, 4, 2061-2067 3.7 23
- 89 Organocatalytic Enantioselective Strecker Reaction of Imines Containing a Thiazole Moiety by Using a Cinchona-Based Squaramide Catalyst. *European Journal of Organic Chemistry*, **2014**, 2014, 6190-6199 3.3 23
- 88 Rational tuning of the rigidity of a ligand scaffold: synthesis of diphenylsulfide-linked bis(oxazoline) ligands and their application in asymmetric allylic alkylation. *Tetrahedron: Asymmetry*, **2010**, 21, 241-246 23
- 87 Novel chiral dibenzo[a,c]cycloheptadiene bis(oxazoline) and catalytic enantioselective cyclopropanation of styrene. *Tetrahedron*, **2003**, 59, 1933-1938 2.4 22
- 86 The synthesis of phosphine oxide-linked bis(oxazoline) ligands and their application in asymmetric allylic alkylation. *Tetrahedron*, **2012**, 68, 3633-3640 2.4 21
- 85 Phosphine-Catalyzed Cascade Reaction of Unsaturated Pyrazolones with Alkyne Derivatives: Efficient Synthesis of Pyrano[2,3-c]pyrazoles and Spiro-cyclopentanone-pyrazolones. *Advanced Synthesis and Catalysis*, **2015**, 357, 3986-3994 5.6 21
- 84 Recent Advances in Squaramide-Catalyzed Asymmetric Mannich Reactions. *Advanced Synthesis and Catalysis*, **2020**, 362, 4487-4512 5.6 21
- 83 Chiral Squaramide-Catalyzed Asymmetric Mannich Reactions for Synthesis of Fluorinated 3,3'-Bisoxindoles. *Advanced Synthesis and Catalysis*, **2018**, 360, 3164-3170 5.6 19
- 82 Enantioselective synthesis of pyrazolone derivatives catalysed by a chiral squaramide catalyst. *RSC Advances*, **2014**, 4, 14538 3.7 19
- 81 Synthesis and Application of Diphenyl Sulfide Linked Bis(imidazoline) Ligands: Dramatic Electronic Effect of Ligands on Catalytic Behavior. *European Journal of Organic Chemistry*, **2011**, 2011, 786-793 3.2 19
- 80 Synthesis of phosphinopeptides via the Mannich ligation. *Organic Letters*, **2007**, 9, 2257-60 6.2 19

79	Squaramide-catalysed asymmetric cascade aza-Michael/Michael addition reaction for the synthesis of chiral trisubstituted pyrrolidines. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 11351-61	3.9	18
78	Enantiospecific synthesis of pyridinylmethyl pyrrolidinemethanols and catalytic asymmetric borane reduction of prochiral ketones. <i>Tetrahedron: Asymmetry</i> , <b>2004</b> , 15, 177-182		17
77	Enantioselective Synthesis of N-Phenyl-dihydropyrano[2,3-c]pyrazoles via Cascade Michael Addition/Thorpe-Ziegler Type Cyclization Catalyzed by a Chiral Squaramide. <i>Chinese Journal of Chemistry</i> , <b>2015</b> , 33, 418-424	4.9	16
76	Chiral squaramide-catalysed enantioselective Michael/cyclization cascade reaction of 3-hydroxyoxindoles with $\alpha$ -unsaturated N-acylated succinimides. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 6205-6213	3.9	16
75	Synthesis of gem-disubstituted taurines by the regioselective ring-opening of 2,2-disubstituted aziridines with sodium bisulfite and sulfite. <i>Amino Acids</i> , <b>2009</b> , 37, 309-13	3.5	16
74	A multistep photoreaction of aromatic aldehydes with heteroaromatics in the solid state. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>1993</b> , 74, 43-49	4.7	16
73	FeCl <sub>3</sub> -Catalyzed Decarboxylative Radical Alkylation/Cyclization of Cinnamamides: Access to Dihydroquinolinone and Pyrrolo[1,2-a]indole Analogues. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 5149-5159	4.3	15
72	Research on photochemical and thermochemical reactions between indole and quinones in the absence of solvent. <i>Journal of Heterocyclic Chemistry</i> , <b>1998</b> , 35, 313-316	1.9	15
71	Versatile Synthesis of Free and N-Benzyloxycarbonyl-Protected 2,2-Disubstituted Taurines. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 350-355	3.2	15
70	Asymmetric synthesis of spirooxindole-fused spirothiazolones via squaramide-catalysed reaction of 3-chlorooxindoles with 5-alkenyl thiazolones. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 5375-5380	3.9	14
69	Enantioselective Construction of Bispirooxindoles via Squaramide-Catalysed Cascade Michael/Cyclization Reaction. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3387-3393	5.6	14
68	Enantioselective cascade double Michael addition of 3-nitro-2H-chromenes and acyclic enones: efficient synthesis of functionalized tricyclic chroman derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 9600-9	3.9	14
67	Decarboxylative Synthesis of Functionalized Oxindoles via An Iron-Initiated Radical Chain Process and Application in Constructing Diverse Fused-Indoline Heterocycles. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 93-99	5.6	14
66	Organocatalytic asymmetric Michael addition of $\alpha$ -alkylidene succinimides to nitrostyrenes. <i>Organic and Biomolecular Chemistry</i> , <b>2016</b> , 14, 6337-45	3.9	14
65	A Combination of Metal and Organic Catalysis: Highly Diastereo- and Enantioselective Construction of Fluorinated 2-Aminocyclopenta[b]pyran Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 3639-3647	5.6	14
64	Simple chiral sulfonamide primary amine catalysed highly enantioselective Michael addition of malonates to enones. <i>Organic and Biomolecular Chemistry</i> , <b>2012</b> , 10, 4116-23	3.9	14
63	A dual pathway in the solid-state photoreaction of nitrobenzaldehydes with indole. <i>Journal of Heterocyclic Chemistry</i> , <b>1994</b> , 31, 121-124	1.9	14
62	Enantioselective Friedel-Crafts alkylation of indoles with $\alpha$ -unsaturated $\beta$ -ketoesters catalyzed by new squaramide-linked bisoxazolineZn(OTf) <sub>2</sub> complexes. <i>Tetrahedron: Asymmetry</i> , <b>2014</b> , 25, 980-988		13

61	Catalytic asymmetric conjugate addition of various $\beta$ -mercaptoketones to $\alpha,\beta$ -unsaturated N-acylated oxazolidin-2-ones with bifunctional organocatalyst. <i>RSC Advances</i> , <b>2014</b> , 4, 27346-27353	3.7	13
60	Asymmetric Michael addition/intramolecular cyclization catalyzed by bifunctional tertiary amine-squaramides: construction of chiral 2-amino-4H-chromene-3-carbonitrile derivatives. <i>Chemistry - an Asian Journal</i> , <b>2014</b> , 9, 2970-4	4.5	13
59	Diphenylamine-derived bis-hydroxyamide catalyzed asymmetric borane reduction of prochiral ketones. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 605-609		13
58	Synthesis, structure and inclusion properties of 1,4,15,18-tetrahydro-1,4,15,18-tetraoxodibenzo[b,h]tetraphenylene. <i>Chemical Communications</i> , <b>1999</b> , 1607-1608	5.8	13
57	Chiral Squaramide Catalyzed Asymmetric [3+2] Cycloaddition Reaction for Synthesis of Trifluoromethylated Barbituric Acid Derivatives. <i>ChemistrySelect</i> , <b>2019</b> , 4, 11302-11306	1.8	12
56	Bifunctional Squaramide-Catalysed Asymmetric Michael/Hemiketalization/Retro-Aldol Reaction of Unsaturated Thiazolones with $\beta$ -Nitroketones: Synthesis of Chiral 4-Acyloxythiazole Derivatives. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 5042-5049	5.6	12
55	Highly enantioselective Mannich reactions of imines with tert-butyl acetoacetate catalyzed by squaramide organocatalyst. <i>Tetrahedron: Asymmetry</i> , <b>2014</b> , 25, 637-643		12
54	Catalyst-free, one-pot three-component 1,3-dipolar cycloaddition of diethyl 2-aminomalonate, benzaldehydes and 3-nitro-2H-chromenes. <i>RSC Advances</i> , <b>2013</b> , 3, 1970-1975	3.7	12
53	A convenient method for synthesis of trans-4-cyclohexyl-L-proline. <i>Tetrahedron: Asymmetry</i> , <b>2002</b> , 13, 43-46		12
52	Asymmetric synthesis of highly functionalized spirothiazolidinone tetrahydroquinolines via a squaramide-catalyzed cascade reaction. <i>Organic and Biomolecular Chemistry</i> , <b>2018</b> , 16, 9390-9401	3.9	12
51	Squaramide-catalysed asymmetric cascade reactions of 2,3-dioxopyrrolidines with 3-chlorooxindoles. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 1647-1656	3.9	11
50	Squaramide-Catalyzed Asymmetric Michael/Cyclization Cascade Reaction of Unsaturated Thiazolidinones and 3-Isothiocyanato Oxindoles: Synthesis of New Bispirocyclic Heterocycles. <i>Synthesis</i> , <b>2018</b> , 50, 1535-1545	2.9	11
49	Enantioselective Construction of Functionalized Thiochromans via Squaramide-Catalyzed Asymmetric Cascade Sulfa-Michael/Michael Addition. <i>Chinese Journal of Chemistry</i> , <b>2014</b> , 32, 853-858	4.9	10
48	Asymmetric synthesis of 3-substituted indole derivatives containing tetrahydrothiophene via cascade sulfa-Michael/Michael additions catalyzed by a chiral squaramide catalyst. <i>Tetrahedron: Asymmetry</i> , <b>2014</b> , 25, 1513-1519		10
47	Catalytic asymmetric tandem Friedel-Crafts alkylation/Michael addition reaction for the synthesis of highly functionalized chromans. <i>Beilstein Journal of Organic Chemistry</i> , <b>2013</b> , 9, 1210-6	2.5	10
46	Direct Experimental Evidence for the Priority of Flexible Ligand Skeleton in Asymmetric Friedel-Crafts Alkylation of Indole with Nitroalkenes. <i>Letters in Organic Chemistry</i> , <b>2010</b> , 7, 114-120	0.6	10
45	Modification of diphenylamine-linked bis(oxazoline) ligands: Tuning of electronic effect and rigidity of ligand skeleton. <i>Science in China Series B: Chemistry</i> , <b>2009</b> , 52, 1321-1330		10
44	Synthesis of NH-Aziridines from Vicinal Amino Alcohols Via the Wenker Reaction: Scope and Limitation. <i>Letters in Organic Chemistry</i> , <b>2008</b> , 5, 212-217	0.6	10



43	Squaramide-catalyzed asymmetric Mannich reactions between 3-fluorooxindoles and pyrazolinone ketimines. <i>Organic and Biomolecular Chemistry</i> , <b>2019</b> , 17, 7182-7191	3.9	9
42	Enantioselective chlorination of $\alpha$ -keto esters and amides catalyzed by chiral copper(II) complexes of squaramide-linked bisoxazoline ligand. <i>Chinese Chemical Letters</i> , <b>2014</b> , 25, 1479-1484	8.1	9
41	Solid state reactions of nitrogenous heterocyclic compounds (I) Solid state reactions of 3-methyl-1-phenyl-5-pyrazolone with carbonyl compounds. <i>Science in China Series B: Chemistry</i> , <b>1997</b> , 40, 205-214		9
40	Synthesis of Novel Chiral Bisoxazoline Ligands Containing 2,5-Diaryl-1,3,4-oxadiazole and Enantioselective Cyclopropanation of Styrene. <i>Synthesis</i> , <b>2002</b> , 2002, 2347-2352	2.9	9
39	Recent advances in the catalytic asymmetric reactions of thiazolone derivatives. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 6018-6041	3.9	9
38	Highly Diastereo- and Enantioselective Synthesis of Isoxazolone-Spirooxindoles via Squaramide-Catalyzed Cascade Michael/Michael Addition Reactions. <i>Journal of Organic Chemistry</i> , <b>2020</b> , 85, 15325-15336	4.2	9
37	Organocatalytic Remote Asymmetric Inverse-Electron-Demand Oxa-Diels-Alder Reaction of Allyl Ketones with Isatin-Derived Unsaturated Keto Esters. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 5728-5735	5.6	9
36	WO-Based Slippery Liquid-Infused Porous Surfaces with Long-Term Stability. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 29767-29777	9.5	8
35	Studies on the Synthesis of Novel Chiral Naphthylene Bisoxazoline Ligands. <i>Synthetic Communications</i> , <b>2003</b> , 33, 1275-1283	1.7	8
34	Recent Advances in Catalytic Asymmetric Aza-Michael Addition Triggered Cascade Reactions. <i>Advanced Synthesis and Catalysis</i> , <b>2021</b> , 363, 4667	5.6	8
33	Organocatalytic Asymmetric Mannich Addition of 3-Fluorooxindoles to Dibenzol[1,4]oxazepines: Highly Enantioselective Construction of Tetrasubstituted C-F Stereocenters. <i>Journal of Organic Chemistry</i> , <b>2019</b> , 84, 11752-11762	4.2	7
32	Effect of borane source on the enantioselectivity in the enantiopure oxazaborolidine-catalyzed asymmetric borane reduction of ketones. <i>Heteroatom Chemistry</i> , <b>2007</b> , 18, 740-746	1.2	6
31	The Development of Double Axially Chiral Phosphoric Acids and Their Catalytic Transfer Hydrogenation of Quinolines. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 1541-1541	16.4	6
30	Synthesis and crystal structure of two new macrocyclic phosphoramidates containing glycine ethyl ester and 2,5-diaryl-1,3,4-oxadiazole. <i>Journal of Molecular Structure</i> , <b>2001</b> , 561, 145-152	3.4	6
29	ONE-POT SYNTHESIS OF MACROCYCLIC CHIRAL PHOSPHORAMIDATES. <i>Synthetic Communications</i> , <b>2001</b> , 31, 3197-3203	1.7	6
28	Recent Advances in Squaramide-Catalyzed Asymmetric Cascade Reactions for the Synthesis of Spirooxindoles. <i>Chinese Journal of Organic Chemistry</i> , <b>2020</b> , 40, 3214	3	6
27	Highly Enantioselective Michael Addition of Ketone to Alkylidene Malonates Catalyzed by Binaphthyl Sulfonylimides in Water. <i>Chinese Journal of Chemistry</i> , <b>2012</b> , 30, 2676-2680	4.9	5
26	Solid state reaction of aromatic ketones with heteroaromatics. <i>Chinese Journal of Chemistry</i> , <b>2010</b> , 13, 520-524	4.9	5

25	Solid state reactions of nitrogenous heterocyclic compounds (II). <i>Science in China Series B: Chemistry</i> , <b>1997</b> , 40, 270-277		5
24	Facile Synthesis of C <sub>3</sub> -Symmetric Tripodal $\beta$ -Hydroxy Amide Ligands and Their Ti (IV) Complex-Catalyzed Asymmetric Addition of Diethylzinc to Aldehydes. <i>Letters in Organic Chemistry</i> , <b>2006</b> , 3, 780-786	0.6	5
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21	An Expedient Synthesis of 1-Substituted and Cyclic Taurines. <i>Synthesis</i> , <b>2005</b> , 2005, 2122-2128	2.9	5
20	Squaramide-catalysed asymmetric Michael addition/cyclization cascade reaction of 4-arylmethylidene-2,3-dioxopyrrolidines with 2-isothiocyanato-1-indanones. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 7181-7185	3.9	5
19	Enantioselective Synthesis of $\beta$ -Hydrazino Alcohols Using Alcohols and N-Boc-Hydrazine as Substrates. <i>Organic Letters</i> , <b>2016</b> , 18, 5616-5619	6.2	4
18	Facile Synthesis of 1,1-Disubstituted Taurines. <i>Synthesis</i> , <b>2006</b> , 2006, 315-319	2.9	4
17	Synthesis of Novel Chiral Semicrown Ether-Like Bis(oxazoline) Ligands and Application in Enantioselective Cyclopropanation of Styrene. <i>Synthetic Communications</i> , <b>2005</b> , 35, 299-313	1.7	4
16	Asymmetric synthesis of isoxazole and trifluoromethyl-containing 3,2'-pyrrolidinyl dispirooxindoles squaramide-catalysed [3 + 2] cycloaddition reactions.. <i>Organic and Biomolecular Chemistry</i> , <b>2022</b> ,	3.9	4
15	An organocatalytic domino Michael addition strategy: construction of bispiro[oxindole-thiazolidinone-hexahydroxanthone]s with five contiguous stereocenters. <i>Organic and Biomolecular Chemistry</i> , <b>2020</b> , 18, 7373-7378	3.9	4
14	Unexpected influence and its origin in rationally tuning the electronic effect of catalysts in the asymmetric borane reduction of ketones. <i>Journal of Molecular Catalysis A</i> , <b>2008</b> , 284, 40-45		3
13	Effect of the Secondary Reduction on the Enantioselectivity and Function of Additives in the Chiral Oxazaborolidine-Catalyzed Asymmetric Borane Reduction of Ketones. <i>Helvetica Chimica Acta</i> , <b>2006</b> , 89, 1067-1074	2	3
12	Dimerization of an Inactive Fragment of Huperzine A Produces a Drug with Twice the Potency of the Natural Product. <i>Angewandte Chemie</i> , <b>2000</b> , 112, 1845-1847	3.6	3
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10	Mild Michael Addition of Glycine Imines to Aromatic Nitroalkenes Catalyzed by DBU with LiOTf as an Additive. <i>Synlett</i> , <b>2009</b> , 2009, 925-928	2.2	2
9	Highly Enantioselective Michael Addition of Ketones and an Aldehyde to Nitroalkenes Catalyzed by a Binaphthyl Sulfonimide in Water. <i>Synthesis</i> , <b>2011</b> , 2011, 1968-1973	2.9	2
8	New chiral macrocyclic phosphoramidate self-associated by an intermolecular N-H...O = P hydrogen bond. <i>Heteroatom Chemistry</i> , <b>2001</b> , 12, 480-484	1.2	2

7	A bifunctional squaramide-catalysed enantioselective vinylogous Michael addition/cyclization cascade reaction of 4-unsaturated isoxazol-5-ones and $\beta$ -dicyanoalkenes. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 8572-8577	3.9	2
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5	Photochemistry of nonconjugated bichromophoric systems III. Synthesis and photoreaction of poly(ethylene glycol) biscoumarinyloxyacetates. <i>Chinese Journal of Chemistry</i> , <b>1997</b> , 15, 169-173	4.9	1
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3	Study of the fragmentation mechanism of novel functionalized macrocycles by Fourier transform ion cyclotron resonance mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>2003</b> , 38, 839-44	2.2	1
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