

# Kwunmin Chen

## List of Publications by Year in descending order

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65  
papers

1,758  
citations

186265

28  
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302126

39  
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83  
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83  
docs citations

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times ranked

1233  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diastereoselective Baylis-Hillman Reactions: The Design and Synthesis of a Novel Camphor-Based Chiral Auxiliary. <i>Organic Letters</i> , 2000, 2, 729-731.	4.6	95
2	Pyrrolidinyl-Camphor Derivatives as a New Class of Organocatalyst for Direct Asymmetric Michael Addition of Aldehydes and Ketones to Nitroalkenes. <i>Chemistry - A European Journal</i> , 2010, 16, 7030-7038.	3.3	78
3	Efficient Synthesis of Tetrasubstituted Furans from Nitroallylic Acetates and 1,3-Dicarbonyl/Activating Ketones by Feist-Barnary Addition-Elimination. <i>Chemistry - an Asian Journal</i> , 2012, 7, 688-691.	3.3	70
4	Highly diastereo- and enantioselective direct aldol reactions promoted by water-compatible organocatalysts bearing a pyrrolidinyl-camphor structural scaffold. <i>Tetrahedron</i> , 2009, 65, 2879-2888.	1.9	62
5	Pyrrolidine-Camphor Derivative as an Organocatalyst for Asymmetric Michael Additions of Disubstituted Aldehydes to Nitroalkenes: Construction of Quaternary Carbon-Bearing Aldehydes under Solvent-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1273-1278.	4.3	59
6	Novel Prolinamide-Camphor-Containing Organocatalysts for Direct Asymmetric Michael Addition of Unmodified Aldehydes to Nitroalkenes. <i>Chemistry - A European Journal</i> , 2009, 15, 9294-9298.	3.3	56
7	Camphor containing organocatalysts in asymmetric aldol reaction on water. <i>Tetrahedron Letters</i> , 2008, 49, 4134-4137.	1.4	53
8	Morita-Baylis-Hillman (MBH) Reaction Derived Nitroallylic Alcohols, Acetates and Amines as Synthons in Organocatalysis and Heterocycle Synthesis. <i>Chemical Record</i> , 2017, 17, 363-381.	5.8	52
9	A remarkable rate acceleration of the Baylis-Hillman reaction. <i>Chemical Communications</i> , 2001, , 1612-1613.	4.1	51
10	An Efficient Friedel-Crafts/Oxa-Michael/Aromatic Annulation: Rapid Access to Substituted Naphtho[2,1- <i>b</i> ]furan, Naphtho[1,2- <i>b</i> ]furan, and Benzofuran Derivatives. <i>Chemistry - A European Journal</i> , 2013, 19, 4344-4351.	3.3	51
11	Recent Advances in Organocatalytic Kinetic Resolution for the Synthesis of Functionalized Products. <i>ChemCatChem</i> , 2016, 8, 86-96.	3.7	48
12	Highly Efficient Organocatalytic Kinetic Resolution of Activated Nitroallylic Acetates with Aldehydes via Conjugate Addition-Elimination. <i>Organic Letters</i> , 2011, 13, 1458-1461.	4.6	47
13	Organocatalytic Synthesis of Substituted Spirocyclohexane Carbaldehydes via [4 + 2] Annulation Strategy between 2-Arylideneindane-1,3-diones and Glutaraldehyde. <i>Organic Letters</i> , 2014, 16, 2993-2995.	4.6	47
14	Synthesis of Fully Substituted Dispirocyclohexanes by Organocatalytic [2 + 2 + 2] Annulation Strategy between 2-Arylideneindane-1,3-diones and Aldehydes. <i>Organic Letters</i> , 2013, 15, 2880-2883.	4.6	41
15	Organocatalytic formal [5+1] annulation: diastereoselective cascade synthesis of functionalized six-membered spirocyclic indane-1,3-diones/oxindoles via Michael-aldol reaction. <i>Tetrahedron</i> , 2013, 69, 8751-8757.	1.9	38
16	Organocascade Synthesis of Annulated 2-Methylenepyran: Nucleophilic Conjugate Addition of Hydroxycoumarins and Pyranone to Branched Nitro Enynes via Allene Formation/Oxa-Michael Cyclization/Alkene Isomerization Sequence. <i>Organic Letters</i> , 2016, 18, 3098-3101.	4.6	38
17	Novel Camphor-Derived Chiral Auxiliaries: A Significant Solvent and Additive Effects on Asymmetric Reduction of Chiral Keto Esters. <i>Journal of Organic Chemistry</i> , 1999, 64, 6993-6998.	3.2	37
18	Organocatalytic Synthesis of Multiple Substituted Bicyclo[4.4.0]Decalin System. <i>Organic Letters</i> , 2011, 13, 2200-2203.	4.6	37

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19	Three-component Synthesis of Functionalized <i>N</i> -Protected Tetrasubstituted Pyrroles by an Addition-Elimination-Aromatization Process. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 330-335.	2.7	37
20	A Facile and Highly Diastereoselective Aziridination of Chiral Camphor- <i>N</i> -Enoylpyrazolidinones with <i>N</i> -Aminophthalimide. <i>Journal of Organic Chemistry</i> , 2001, 66, 1676-1679.	3.2	36
21	Remarkable Reaction Rate and Excellent Enantioselective Direct $\alpha$ -Amination of Aldehydes with Azodicarboxylates Catalyzed by Pyrrolidinylcamphor-Derived Organocatalysts. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 42-46.	2.4	36
22	Enantioselective Aziridination of Alkenes with <i>N</i> -Aminophthalimide in the Presence of Lead Tetraacetate-Mediated Chiral Ligand. <i>Organic Letters</i> , 2002, 4, 1107-1109.	4.6	32
23	Highly Enantioselective Conjugate Addition of Ketones to Alkylidene Malonates Catalyzed by a Pyrrolidinyl-Camphor-Derived Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2062-2066.	2.4	32
24	An efficient Morita-Baylis-Hillman reaction for the synthesis of multifunctional 2-hydroxy-3-nitrobut-3-enoate derivatives. <i>Tetrahedron</i> , 2010, 66, 9875-9879.	1.9	32
25	Three-Component Organocascade Kinetic Resolution of Racemic Nitroallylic Acetates via Sequential Iminium/Enamine Asymmetric Catalysis. <i>Organic Letters</i> , 2012, 14, 2496-2499.	4.6	32
26	Enantioselective Synthesis of Functionalized Polycarbocycles via a Three-Component Organocascade Quadruple Reaction. <i>Organic Letters</i> , 2015, 17, 2908-2911.	4.6	31
27	Organocatalytic one-pot asymmetric synthesis of functionalized spiropyrazolones via a Michael-aldol sequential reaction. <i>RSC Advances</i> , 2016, 6, 77474-77480.	3.6	30
28	The combination of domino process and kinetic resolution: organocatalytic synthesis of functionalised cyclopentenes by sequential $S_N2$ -Michael reaction. <i>Tetrahedron</i> , 2012, 68, 7317-7321.	1.9	29
29	Epoxidation of Chiral Camphor- <i>N</i> -Enoylpyrazolidinones with Methyl(trifluoromethyl)dioxirane and Urea Hydrogen Peroxide/Acid Anhydride: A Reversal of Stereoselectivity. <i>Journal of Organic Chemistry</i> , 2003, 68, 9816-9818.	3.2	25
30	Kinetic Resolution of Activated Nitroallylic Acetates with Aldehydes and Ketones through a Conjugate Addition-Elimination $S_N2$ Process. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 353-365.	2.4	24
31	Organocatalytic synthesis of spirocyclohexane indane-1,3-diones via a chiral squaramide-catalyzed Michael/aldol cascade reaction of $\beta$ -nitro ketones and 2-arylideneindane-1,3-diones. <i>Tetrahedron</i> , 2015, 71, 8003-8008.	1.9	24
32	Control of Five Contiguous Stereogenic Centers in an Organocatalytic Kinetic Resolution via Michael/Acetalization Sequence: Synthesis of Fully Substituted Tetrahydropyrans. <i>Organic Letters</i> , 2015, 17, 430-433.	4.6	23
33	Highly Efficient and Practical Pyrrolidine-Camphor-Derived Organocatalysts for the Direct $\alpha$ -Amination of Aldehydes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5705-5713.	2.4	21
34	Pyrrolidine-linker-camphor assembly: bifunctional organocatalysts for efficient Michael addition of cyclohexanone to nitroolefins under neat conditions. <i>Tetrahedron</i> , 2011, 67, 1171-1177.	1.9	21
35	Organocatalytic Kinetic Resolution of Racemic Secondary Nitroallylic Alcohols Combined with Simultaneous Desymmetrization of Prochiral Cyclic Anhydrides. <i>Journal of Organic Chemistry</i> , 2014, 79, 8955-8959.	3.2	19
36	Rauhut-Currier-Initiated Organocascade Reaction: Synthesis of Substituted Dispirocyclohexanes through a [2+2+2] Strategy Between $\beta$ -Arylideneindane-1,3-diones and Activated Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2457-2463.	4.3	19

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37	Dihydrooxazine <i>N</i> -Oxide Intermediates as Resting States in Organocatalytic Kinetic Resolution of Functionalized Nitroallylic Amines with Aldehydes. <i>Organic Letters</i> , 2016, 18, 3046-3049.	4.6	19
38	Desymmetrization and Switching of Stereoselectivity in Direct Organocatalytic Michael Addition of Ketones to 1,1-Bis(phenylsulfonyl)ethylene. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2699-2707.	2.4	17
39	Diastereoselective allylation of $\hat{\pm}$ -ketoamides bearing camphor <i>N</i> -tosylpyrazolidinone auxiliary: efficient synthesis of highly optically active two stereoisomers. <i>Tetrahedron</i> , 2006, 62, 887-893.	1.9	16
40	Organocatalytic synthesis of densely functionalized oxa-bridged 2,6-epoxybenzo[ <i>b</i> ][1,5]oxazocine heterocycles. <i>Chemical Communications</i> , 2018, 54, 6048-6051.	4.1	16
41	Excellent diastereoselective allylation of camphor derived glyoxylic oxime ethers mediated by a Lewis acid. <i>Tetrahedron Letters</i> , 2006, 47, 611-613.	1.4	15
42	On the scope of diastereoselective epoxidation of various chiral auxiliaries derived enones: the conformational analysis of camphor derived <i>N</i> - and <i>O</i> -enones. <i>Tetrahedron</i> , 2004, 60, 6657-6664.	1.9	14
43	An Efficient and Convenient Synthesis of Ethyl 1-(4-Methoxyphenyl)-5-phenyl-1 <i>H</i> -1,2,3-triazole-4-carboxylate. <i>Chemistry - an Asian Journal</i> , 2010, 5, 14328-333.	3.2	14
44	On the scope of diastereoselective allylation of various chiral glyoxylic oxime ethers with allyltributylstannane in the presence of a Lewis acid and triallylaluminum. <i>Tetrahedron</i> , 2007, 63, 7816-7822.	1.9	13
45	Synthesis of 2,3,5,6-tetrahydro-1-alkyl/aryl-1 <i>H</i> -benzo[ <i>f</i> ]chromen-3-ol derivatives from $\hat{\pm}$ -tetralones and $\hat{\pm}$ , $\hat{\pm}$ -unsaturated aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7510.	2.8	13
46	Synthesis of substituted chiral chromans via organocatalytic kinetic resolution of a racemic 3-nitro-2-aryl-2 <i>H</i> -chromenes with ketones catalyzed by pyrrolidiny-camphor-derived organocatalysts. <i>Tetrahedron</i> , 2012, 68, 5810-5816.	1.9	13
47	Organocatalytic Diastereoselective Synthesis of Diazoaryl-benzo[ <i>b</i> ]azepine Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 7060-7067.	3.2	13
48	On the scope of diastereoselective aziridination of various chiral auxiliaries derived <i>N</i> - and <i>O</i> -enones with <i>N</i> -aminophthalimide in the presence of lead tetraacetate. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 682-690.	1.8	12
49	Diastereoselective electrophilic $\hat{\pm}$ -amination of camphor <i>N</i> 1-acyl <i>N</i> 2-phenylpyrazolidinones: the metal enolate-dependent synthesis of two possible hydrazone diastereomers. <i>Tetrahedron Letters</i> , 2009, 50, 333-336.	1.4	11
50	Organocatalytic Synthesis of Spirocarbocycles. <i>Mini-Reviews in Organic Chemistry</i> , 2018, 15, 364-373.	1.3	11
51	Enantioselective Aza-Friedel-Crafts Reaction of Heteroarenes with <i>in situ</i> Generated Isoxazolium Ions via Chiral Phosphoric Acid Catalysis. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3502-3506.	4.3	10
52	[3+2] regioselective annulation reaction of 2-arylidene-1,3-indandiones towards synthesis of spirocyclopentenes: understanding the mechanism of $\hat{\pm}$ -attack vs. $\hat{\pm}$ -attack using DFT studies. <i>RSC Advances</i> , 2021, 11, 38648-38653.	3.6	10
53	Organocatalytic desymmetrization of cyclic meso-anhydrides through enantioselective alcoholysis with functionalized primary nitroallylic alcohols. <i>Tetrahedron</i> , 2014, 70, 9064-9069.	1.9	9
54	Diastereoselective Epoxidation of Camphor <i>N</i> -Enoylpyrazolidinones. <i>Journal of the Chinese Chemical Society</i> , 2003, 50, 1047-1051.	1.4	8

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55	Organocatalytic Three-Component, One-Pot Reaction of Highly Substituted Tetrahydropyrano[2,3- <i>b</i> ]pyrazoles. <i>ChemistrySelect</i> , 2018, 3, 3500-3504.	1.5	8
56	An Unprecedented Organocascade Synthesis of Functionalized Bicyclic Nitrones from 2-Aminomalonate Derived Nucleophiles and 1-Nitro-1,3-Enynes via Allenes Formation and Subsequent Rearrangement. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 170-175.	4.3	8
57	Asymmetric Organocatalysis of Activated Alkynes and Enynes. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1567-1579.	2.7	8
58	An Expedient Stereoselective Synthesis of Spirocyclopropyl Oxindoles from Indolin-2-ones and Bromonitroalkenes. <i>Journal of the Chinese Chemical Society</i> , 2013, 60, 597-604.	1.4	6
59	Exhibits a Better Anticancer Effect than Platinum-Based Chemotherapy by Induction of Apoptosis and Curcumin Further Enhances its Chemosensitivity. <i>Cell Biochemistry and Biophysics</i> , 2014, 68, 597-609.	1.8	6
60	Diastereoselective Synthesis of Functionalized Angularly Fused Tetracycles via an Organocatalytic Quadruple Reaction Sequence. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1277-1282.	4.3	6
61	Organocascade Synthesis of Bicyclo[3.3.1]nonan-9-ones Initiated by an Unusual 1,6-Addition of Cyclohexanones to (E)-2-(3-Arylallylidene)-1,3-dienes. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3005-3013.	6	6
62	Enantioselective Organocatalytic Synthesis of $\gamma$ -Lactone-Fused 4-Chromanones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 3846-3850.	4.3	6
63	Three-Component Triple Organocascade Synthesis of Hexahydropyridazine Derivatives via a Sequential Michael/Amination/Cyclization Reaction. <i>Journal of the Chinese Chemical Society</i> , 2015, 62, 843-849.	1.4	3
64	Photoinduced Aziridination Reaction Sensitized by PbOx-Modified Zeolite. <i>Journal of Physical Chemistry B</i> , 2004, 108, 20458-20464.	2.6	2
65	Silica gel-Mediated Friedel-Crafts Reaction of Indoles with Functionalized Nitroallylic Acetates via an $S_N1$ Process. <i>Journal of the Chinese Chemical Society</i> , 2012, 59, 940-946.	1.4	2