

# Ming-Jung Wu

## List of Publications by Year in descending order

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papers

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430442

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973  
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#	ARTICLE	IF	CITATIONS
1	Synthetic Development and Mechanistic Study on Pd(II)-Catalyzed Cyclization of Enediyne to Benzo[ <i>a</i> ]carbazoles. <i>Organic Letters</i> , 2010, 12, 5652-5655.	2.4	87
2	Iodine-Mediated Cascade Cyclization of Enediyne to Iodinated Benzo[ <i>a</i> ]carbazoles. <i>Journal of Organic Chemistry</i> , 2011, 76, 10269-10274.	1.7	79
3	Palladium(II)-Catalyzed <i>ortho</i> Arylation of 2-Phenoxypyridines with Potassium Aryltrifluoroborates via C-H Functionalization. <i>Organometallics</i> , 2010, 29, 4058-4065.	1.1	76
4	Halocyclization of 2-alkynylthioanisoles by cupric halides: synthesis of 2-substituted 3-halobenzo[ <i>b</i> ]thiophenes. <i>Tetrahedron</i> , 2007, 63, 356-362.	1.0	61
5	Palladium-Catalyzed Arylation and Alkylation of 3,5-Diphenylisoxazole with Boronic Acids via C-H Activation. <i>Organometallics</i> , 2008, 27, 5173-5176.	1.1	56
6	Direct <i>ortho</i> Arylation of 9-(Pyridin-2-yl)-9 <i>H</i> -carbazoles Bearing a Removable Directing Group via Palladium(II)-Catalyzed C-H Bond Activation. <i>Organometallics</i> , 2013, 32, 272-282.	1.1	55
7	Palladium(II)-Catalyzed <i>ortho</i> Syntheses of 9-(Pyridin-2-yl)-9 <i>H</i> -carbazoles through a Tandem C-H Activation/C-X (X=C or N) Formation Process. <i>Chemistry - A European Journal</i> , 2011, 17, 13613-13620.	1.7	49
8	Palladium-Catalyzed Direct <i>ortho</i> Arylation of 2-Phenoxypyridines with Aldehydes and Catalytic Mechanism Investigation. <i>Organometallics</i> , 2015, 34, 953-966.	1.1	45
9	Synthesis of Benzofulvenes by Palladium-Catalyzed Cyclization of 1,2-Dialkynylbenzenes. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3463-3467.	1.2	43
10	Palladium(II)-Catalyzed Direct <i>ortho</i> Arylation of 4-Methyl- <i>N</i> -phenylpyridin-2-amine via C-H Activation/C-C Coupling and Synthetic Applications. <i>Organometallics</i> , 2014, 33, 1190-1204.	1.1	37
11	Anionic Cycloaromatization of 1-Aryl-3-hexene-1,5-diyne Initiated by Methoxide Addition: Synthesis of Phenanthridinones, Benzo[ <i>c</i> ]phenanthridinones, and Biaryls. <i>Journal of Organic Chemistry</i> , 2002, 67, 5907-5912.	1.7	31
12	Palladium-Catalyzed Regioselective Arylation of Pyrazolo[1,5- <i>a</i> ]pyridines via C-H Activation and Synthetic Applications on P38 Kinase Inhibitors. <i>Organometallics</i> , 2016, 35, 288-300.	1.1	31
13	Substituent Electronic Effects Govern Direct Intramolecular C-N Cyclization of <i>N</i> -(Biphenyl)pyridin-2-amine Induced by Hypervalent Iodine(III) Reagents. <i>Journal of Organic Chemistry</i> , 2014, 79, 11395-11408.	1.7	28
14	Transition Metal-Catalyzed Cascade Cyclization of Aryldiynes to Halogenated Benzo[ <i>b</i> ]naphtho[2,1- <i>d</i> ]thiophene Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 4704-4711.	1.7	28
15	Palladium-Catalyzed Cyclization of Enediyne to Benzopyranones. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1248-1252.	2.1	27
16	Synthesis, Double Cycloaromatization, and DNA-Cleaving Activities of (Z,Z)-11-Sulfonylundeca-3,7-diene-1,5,9-triynyl System. <i>Journal of Organic Chemistry</i> , 1997, 62, 4546-4548.	1.7	24
17	Double Anionic Cycloaromatization of 2-(6-Substituted-3-hexene-1,5-diyne)benzotriles Initiated by Methoxide Addition. <i>Organic Letters</i> , 1999, 1, 767-768.	2.4	24
18	Base-Mediated Cyclization Reaction of 2-(5-Hydroxy-1-pentynyl)benzotriles to 4-Amino-2,3-dihydro[2,3- <i>b</i> ]furan and Synthesis of Furanonaphthoquinones. <i>Journal of Organic Chemistry</i> , 2016, 81, 3882-3889.	1.7	21

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19	New Annonaceous Acetogenins from <i>Rollinia mucosa</i> . <i>Journal of Natural Products</i> , 1999, 62, 1613-1617.	1.5	18
20	Mercury(II)-Catalyzed Cyclization of 2-Alkynylphenyl Alkyl Sulfoxides Provides 3-Acylbenzo[ <i>b</i> ]thiophenes. <i>Chemistry - A European Journal</i> , 2013, 19, 2578-2581.	1.7	18
21	Halocyclization of Methyl 2-Alkynylbenzoates to Isocoumarins Using Cupric Halides. <i>Journal of the Chinese Chemical Society</i> , 2008, 55, 643-648.	0.8	16
22	Palladium(II)-Catalyzed ortho Arylation of 2-Phenylpyridines with Potassium Aryltrifluoroborates by C-H Functionalization. <i>Synthesis</i> , 2009, 2009, 3757-3764.	1.2	13
23	Palladium-Catalyzed Late-Stage <i>ortho</i> -C-H Bond Aroylation of Anilines Using 4-Methoxy-2-pyridinyl as a Removable Directing Group. <i>Organometallics</i> , 2019, 38, 2105-2119.	1.1	13
24	Synthesis of 3-Halogenated Flavonoids <i>via</i> Electrophile-Promoted Cyclization of 2-(3-Aryl-2-propynyl)anisoles. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 183-186.	0.8	10
25	Halogen-Mediated Cascade Cyclization Reaction of Aryldiynes to Indeno[1,2- <i>c</i> ]chromene Derivatives. <i>Journal of Organic Chemistry</i> , 2017, 82, 6071-6081.	1.7	10
26	Directing group assists in transition metal-catalyzed site-selective C-H bond activation/transformations. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 399-421.	0.8	10
27	Cytotoxicities and Topoisomerase I Inhibitory Activities of 2-[2-(2-Alkynylphenyl)ethynyl]benzonitriles, 1-Aryldec-3-ene-1,5-diynes, and Related Bis(enediynyl)arene Compounds. <i>Helvetica Chimica Acta</i> , 2002, 85, 2564-2575.	1.0	7
28	Synthesis of Dibenzosuberones Bearing an Isoxazole Group via Palladium-Catalyzed Intramolecular C-H/C-Br Bond Cross-Coupling of Ortho-Aroylated 3,5-Diarylisoxazoles. <i>Journal of Organic Chemistry</i> , 2020, 85, 5559-5569.	1.7	7
29	AN EFFICIENT SYNTHESIS OF (2R, 5R)- AND (2R, 5S)-2-METHYL-5-HYDROXYHEXANOIC ACID LACTONES. <i>Organic Preparations and Procedures International</i> , 1994, 26, 671-674.	0.6	6
30	A Novel Synthesis of 5,6-Dihydroindazolo[3,2- <i>a</i> ]isoquinolines and Their Relative Compounds via Tin(II) Chloride Dihydrate as Reducing Agent. <i>Journal of the Chinese Chemical Society</i> , 2005, 52, 965-974.	0.8	6
31	Efficient synthesis of 3-benzoyl Benzo[ <i>b</i> ]thiophenes and raloxifene via Mercury(II)-Catalyzed cyclization of 2-alkynylphenyl alkyl sulfoxides. <i>Tetrahedron</i> , 2018, 74, 2493-2499.	1.0	6
32	Enantioselective Addition of Iodine Azide to $\hat{1},\hat{2}$ -Unsaturated Carboxylic Acid Derivatives. <i>Journal of the Chinese Chemical Society</i> , 1992, 39, 87-90.	0.8	4
33	Solvent Effects on Aza-anionic Cycloaromatization of 2-(2-Substituted-ethynyl)benzonitriles. <i>Journal of the Chinese Chemical Society</i> , 2001, 48, 211-214.	0.8	4
34	Synthesis of (4 <i>R</i> ,15 <i>R</i> ,16 <i>R</i> ,21 <i>S</i> )-Rollicosin and Its 4 <i>S</i> Epimer. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 854-861.	1.2	3
35	Enantioselective Synthesis of Naproxen. <i>Journal of the Chinese Chemical Society</i> , 1992, 39, 465-469.	0.8	2
36	Allene-Ene Related Cycloaromatization: Design and Synthesis of New DNA-Cleaving Compounds. <i>Journal of the Chinese Chemical Society</i> , 1998, 45, 475-479.	0.8	2

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37	Design and Synthesis of 1-((2-(2-(Arylethynyl)Phenyl)Hexyn-5-yl)Piperidin-2-yl)Piperidin-2-ones as Antitumor Agents that Induce Apoptotic Progress. Journal of the Chinese Chemical Society, 2008, 55, 668-674.	0.8	2
38	Synthesis and Biological Activities of Aryl Propargyl Sulfone. Journal of the Chinese Chemical Society, 1998, 45, 783-788.	0.8	1
39	Resolution of Secondary $\beta$ -Ketoalcohols Catalyzed by Lipase and Inversion of Stereochemistry. Journal of the Chinese Chemical Society, 1995, 42, 579-584.	0.8	0
40	Aminolysis of <i>N</i> -acyl-2-oxazolidinones with Primary Arylamines. Journal of the Chinese Chemical Society, 1996, 43, 203-205.	0.8	0
41	Design, Synthesis and Biological Evaluations of a Novel Series of Eneidyne Constitute with DNA Cleavage, Alkylating and DNA Binding Agents via Various Spacers. Journal of the Chinese Chemical Society, 2007, 54, 525-532.	0.8	0