

Zhen-Ting Du

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Combining transition metal catalysis and organocatalysis – an update. <i>Chemical Society Reviews</i> , 2013, 42, 1337-1378.	38.1	632
2	Preparing (Multi)Fluoroarenes as Building Blocks for Synthesis: Nickel-Catalyzed Borylation of Polyfluoroarenes via C–F Bond Cleavage. <i>Journal of the American Chemical Society</i> , 2016, 138, 5250-5253.	13.7	170
3	Alkene Oxyalkylation Enabled by Merging Rhenium Catalysis with Hypervalent Iodine(III) Reagents via Decarboxylation. <i>Journal of the American Chemical Society</i> , 2013, 135, 18048-18051.	13.7	102
4	Rhenium-Catalyzed Regiodivergent Addition of Indoles to Terminal Alkynes. <i>Organic Letters</i> , 2012, 14, 588-591.	4.6	83
5	Diastereoconvergent Synthesis of <i>trans</i> -5-Hydroxy-6-Substituted-2-Piperidinones by Addition–Cyclization–Deprotection Process. <i>Organic Letters</i> , 2014, 16, 4328-4331.	4.6	54
6	Improved Synthesis of 5-Substituted 1H-Tetrazoles via the [3+2] Cycloaddition of Nitriles and Sodium Azide Catalyzed by Silica Sulfuric Acid. <i>International Journal of Molecular Sciences</i> , 2012, 13, 4696-4703.	4.1	47
7	Asymmetric Rh(II)/Pd(0) Relay Catalysis: Synthesis of \pm -Quaternary Chiral β -Lactams through Enantioselective C–H Insertion/Diastereoselective Allylation of Diazoamides. <i>ACS Catalysis</i> , 2018, 8, 7340-7345.	11.2	47
8	Divergent Method to <i>trans</i> -5-Hydroxy-6-alkynyl/alkenyl-2-piperidinones: Syntheses of (β)-Epiquinamide and (+)-Swainsonine. <i>Journal of Organic Chemistry</i> , 2015, 80, 5824-5833.	3.2	43
9	Synthesis of Dibenzofurans by Palladium-Catalysed Tandem Denitration/C–H Activation. <i>Synlett</i> , 2011, 2011, 3023-3025.	1.8	31
10	Aggregation-induced bathochromic fluorescent enhancement for fluorenone dyes. <i>Dyes and Pigments</i> , 2015, 123, 355-362.	3.7	24
11	Stereoselective formation of chiral <i>trans</i> -4-hydroxy-5-substituted 2-pyrrolidinones: syntheses of streptopyrrolidine and 3-epi-ephelmin A. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1485-1499.	4.5	23
12	A Facile Demethylation of Ortho Substituted Aryl Methyl Ethers Promoted by AlCl ₃ . <i>Journal of Chemical Research</i> , 2010, 34, 222-227.	1.3	22
13	Synthesis of substituted 6H-benzo[c]chromenes: a palladium promoted ring closure of diazonium tetrafluoroborates. <i>Tetrahedron Letters</i> , 2012, 53, 7036-7039.	1.4	22
14	Flexible approach for the asymmetric synthesis of (β)-hyacinthacine A1 and its 7a-epimer. <i>Tetrahedron</i> , 2014, 70, 7936-7941.	1.9	19
15	Synthesis of xanthenes through the palladium-catalyzed carbonylation/C–H activation sequence. <i>Tetrahedron Letters</i> , 2014, 55, 6432-6434.	1.4	17
16	A Facile and Efficient Synthesis of Diaryl Amines or Ethers under Microwave Irradiation at Presence of KF/Al ₂ O ₃ without Solvent and Their Anti-Fungal Biological Activities against Six Phytopathogens. <i>International Journal of Molecular Sciences</i> , 2013, 14, 18850-18860.	4.1	16
17	Symmetrical and asymmetrical (multi)branched truxene compounds: Structure and photophysical properties. <i>Dyes and Pigments</i> , 2012, 95, 236-243.	3.7	15
18	A Facile Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. <i>Molecules</i> , 2013, 18, 5201-5208.	3.8	13

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19	Total Syntheses of Heliannuols: An Overview. <i>Synthetic Communications</i> , 2015, 45, 663-691.	2.1	13
20	Microwave-Assisted Synthesis of 2-Substituted 1H-Benzo[d]imidazoles and Their Antifungal Activities in vitro. <i>Heterocycles</i> , 2013, 87, 1545.	0.7	12
21	Asymmetric synthesis of epohelmins A, B and 3-epi ent-epohelmin A. <i>Tetrahedron</i> , 2016, 72, 8091-8098.	1.9	12
22	Synthesis of the Sex Pheromone of the Tea Tussock Moth Based on a Resource Chemistry Strategy. <i>Molecules</i> , 2018, 23, 1347.	3.8	12
23	A Short Synthesis of Bisabolane Sesquiterpenes. <i>Molecules</i> , 2011, 16, 8053-8061.	3.8	11
24	An Improved Synthesis of 1,2-Diarylethanols under Conventional Heating and Ultrasound Irradiation. <i>Molecules</i> , 2012, 17, 10708-10715.	3.8	10
25	Stereoselective synthesis of the Paulownia bagworm sex pheromone. <i>Chinese Chemical Letters</i> , 2017, 28, 558-562.	9.0	10
26	Concise asymmetric synthesis of the sex pheromone of the tea tussock moth. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1562-1567.	1.8	10
27	Enantioselective synthesis of (+)-nuciferal, (+)- <i>E</i> -nuciferol and (+)- β -curcumene by chiral hydrogenesterification reaction. <i>Journal of Chemical Research</i> , 2004, 2004, 427-429.	1.3	8
28	Divergent synthesis of L-685,458 and its analogues involving one-pot intramolecular tandem sequence reaction. <i>Tetrahedron</i> , 2015, 71, 9396-9402.	1.9	8
29	Facile Synthesis of β -Parahigginone Methyl Ether and β -Curcuphenol. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 571-574.	1.4	7
30	Synthesis of bisabolane sesquiterpenes: A Johnson-Claisen rearrangement approach. <i>Chinese Chemical Letters</i> , 2010, 21, 813-815.	9.0	7
31	Thiophene-functionalized octupolar triindoles: Synthesis and photophysical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 1020-1024.	3.9	7
32	Asymmetric Total Synthesis of Four Stereoisomers of the Sex Pheromone of the Western Corn Rootworm. <i>Molecules</i> , 2018, 23, 667.	3.8	7
33	Symmetric and unsymmetric thienyl-substituted fluorenone dyes: static excimer-induced emission enhancement. <i>RSC Advances</i> , 2016, 6, 76401-76408.	3.6	6
34	A divergent approach for asymmetric syntheses of (+)-spicigerine, (+)-cassine and their 3-epimers. <i>Tetrahedron</i> , 2016, 72, 862-867.	1.9	6
35	A New Asymmetric Synthesis of (S)-14-Methyloctadec-1-ene, the Sex Pheromone of the Peach Leafminer Moth. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 1089-1095.	0.8	6
36	Sc(OTf) ₃ -catalyzed [3 + 2]-cycloaddition of nitrones with ynones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 457-466.	2.8	6

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37	A Metal-Free Oxidation of Benzo[c]chromen to Benzo[c]chromen-6-ones by t-Butyl Hydroperoxide in the Presence of Potassium Iodide. <i>Heterocycles</i> , 2013, 87, 1889.	0.7	5
38	Synthesis of Heterocycles via Palladium-Catalyzed C-H Activation/Cyclization of Diazonium Salts (Part) <i>Tj ETQq0 0 0 rgBT /Overlock 10 T</i>	0.7	5
39	Palladium Catalyzed Syntheses of Dibenzothiophenes by Ring-Closure of 2-Iodinated Diaryl Thioether. <i>Heterocycles</i> , 2016, 92, 1874.	0.7	5
40	An efficient asymmetric synthesis of (4 <i>R</i> ,8 <i>R</i>)-4,8-dimethyldecanal, the most active component of natural Tribolure. <i>Journal of the Chinese Chemical Society</i> , 2019, 66, 756-760.	1.4	5
41	Syntheses of (±)-Curcuphenol, (±)-Curcudiol and (±)-Curcuhydroquinone: A Johnson-Claisen Rearrangement Approach. <i>Journal of the Chinese Chemical Society</i> , 2010, 57, 399-403.	1.4	4
42	Facile Syntheses of (±)-Curcuphenol, (±)-Curcudiol, (±)-Curcuhydroquinone, and (±)-Curcuquinone. <i>Synthetic Communications</i> , 2010, 40, 1920-1926.	2.1	4
43	Synthesis of Xanthenes by Palladium-Catalyzed Tandem Carbonylation/C-H Activation via Iodo Diaryl Ethers. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 28-32.	1.4	4
44	An Efficient Synthesis of Natural Tribolure. <i>Chemistry of Natural Compounds</i> , 2020, 56, 197-201.	0.8	4
45	A Facile Synthetic Route to two Chalcones. <i>Journal of Chemical Research</i> , 2004, 2004, 45-46.	1.3	3
46	Facile Total Synthesis of (±)-Nimbiol. <i>Journal of the Chinese Chemical Society</i> , 2004, 51, 505-508.	1.4	3
47	Synthesis of a Diamino Substituted Terphenyldivinyl Chromophore. <i>Molecules</i> , 2009, 14, 2111-2117.	3.8	3
48	A Novel Synthesis of Sex Pheromone from the Longicorn Beetle (<i>Psacotheta hilaris</i>). <i>Russian Journal of Organic Chemistry</i> , 2021, 57, 455-461.	0.8	3
49	Facile total synthesis of xanthorrhizol. <i>Natural Product Communications</i> , 2011, 6, 167-9.	0.5	3
50	4-[4-(1 <i>H</i> -Tetrazol-5-yl)phenoxy]benzaldehyde. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2011, 67, o3106-o3106.	0.2	2
51	3,4-Bis(4-methoxyphenyl)-2,5-dihydro-1 <i>H</i> -pyrrole-2,5-dione. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1328-o1328.	0.2	2
52	Synthesis of Dibenzofurans by Palladium-Catalysed Tandem Denitration/C-H Activation. <i>Synlett</i> , 2012, 23, 2146-2146.	1.8	1
53	A New Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. <i>Natural Product Communications</i> , 2021, 16, 1934578X2110201.	0.5	1
54	Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. <i>Chemistry of Natural Compounds</i> , 2022, 58, 320-325.	0.8	1

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55	3,4-Bis(4-bromophenyl)-N-phenylmaleimide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1198-o1198.	0.2	0
56	Phenyl 3-methoxy-4-phenoxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2393-o2393.	0.2	0
57	Crystal structure of 1-(2-chlorophenyl)-2-(2-nitrophenyl)ethan-1-ol, C ₁₄ H ₁₂ ClNO ₃ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 545-546.	0.3	0
58	Syntheses of Benzo[<i>e</i>]Chromen-6-ones by Palladium Catalyzed C-H Bond Activation using Diazonium Salts. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	0
59	The crystal structure of (<i>E</i>)-1-(4-methoxyphenyl)-3-(2-nitrophenyl)triaz-1-ene C ₈ H ₈ N ₂ O ₄ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 597-598.	0.3	0