Zhen-Ting Du

List of Publications by Year
in descending order

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59 papers	1,596 citations	567281 15 h-index	302126 39 g-index
74 all docs	74 docs citations	74 times ranked	1905 citing authors

#	Article	IF	Citations
1	Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. Chemistry of Natural Compounds, 2022, 58, 320-325.	0.8	1
2	Sc(OTf)‹sub›3‹/sub›-catalyzed [3 + 2]-cycloaddition of nitrones with ynones. Organic and Biomolecular Chemistry, 2021, 19, 457-466.	2.8	6
3	A Novel Synthesis of Sex Pheromone from the Longicorn Beetle (Psacothea hilaris). Russian Journal of Organic Chemistry, 2021, 57, 455-461.	0.8	3
4	A New Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. Natural Product Communications, 2021, 16, 1934578X2110201.	0.5	1
5	A New Asymmetric Synthesis of (S)-14-Methyloctadec-1-ene, the Sex Pheromone of the Peach Leafminer Moth. Russian Journal of Organic Chemistry, 2020, 56, 1089-1095.	0.8	6
6	An Efficient Synthesis of Natural Tribolure. Chemistry of Natural Compounds, 2020, 56, 197-201.	0.8	4
7	The crystal structure of (‹i›E‹/i›)-1-(4-methoxyphenyl)-3-(2-nitrophenyl)triaz-1-ene C‹sub›8‹/sub›H‹sub›8‹/sub›N‹sub›2‹/sub›O‹sub›4‹/sub›. Zeitschrift Fur Kristallographie - New Crystal Structures, 2019, 234, 597-598.	0.3	0
8	An efficient asymmetric synthesis of (4 R ,8 R)â€4,8â€dimethyldecanal, the most active component of natural Tribolure. Journal of the Chinese Chemical Society, 2019, 66, 756-760.	1.4	5
9	Synthesis of Xanthones by Palladiumâ€Catalyzed Tandem Carbonylation/Câ€“H Activation via 2â€Iodo Diaryl Ethers. Journal of the Chinese Chemical Society, 2018, 65, 28-32.	1.4	4
10	Asymmetric Rh(II)/Pd(0) Relay Catalysis: Synthesis of Î±-Quaternary Chiral Î²-Lactams through Enantioselective Câ€“H Insertion/Diastereoselective Allylation of Diazoamides. ACS Catalysis, 2018, 8, 7340-7345.	11.2	47
11	Asymmetric Total Synthesis of Four Stereoisomers of the Sex Pheromone of the Western Corn Rootworm. Molecules, 2018, 23, 667.	3.8	7
12	Synthesis of the Sex Pheromone of the Tea Tussock Moth Based on a Resource Chemistry Strategy. Molecules, 2018, 23, 1347.	3.8	12
13	Stereoselective synthesis of the Paulownia bagworm sex pheromone. Chinese Chemical Letters, 2017, 28, 558-562.	9.0	10
14	Concise asymmetric synthesis of the sex pheromone of the tea tussock moth. Tetrahedron: Asymmetry, 2017, 28, 1562-1567.	1.8	10
15	Syntheses of Benzo[‹i›c‹/i›]Chromen-6-ones by Palladium Catalyzed Câ€“H Bond Activation using Diazonium Salts. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	0
16	Preparing (Multi)Fluoroarenes as Building Blocks for Synthesis: Nickel-Catalyzed Borylation of Polyfluoroarenes via Câ€“F Bond Cleavage. Journal of the American Chemical Society, 2016, 138, 5250-5253.	13.7	170
17	Crystal structure of 1-(2-chlorophenyl)-2-(2-nitrophenyl)ethan-1-ol, C14H12ClNO3. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 545-546.	0.3	0
18	Symmetric and unsymmetric thienyl-substituted fluorenone dyes: static excimer-induced emission enhancement. RSC Advances, 2016, 6, 76401-76408.	3.6	6

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19	Asymmetric synthesis of epohelmins A, B and 3-epi ent-epohelmin A. Tetrahedron, 2016, 72, 8091-8098.	1.9	12
20	Palladium Catalyzed Syntheses of Dibenzothiophenes by Ring-Closure of 2-Iodinated Diaryl Thioether. Heterocycles, 2016, 92, 1874.	0.7	5
21	A divergent approach for asymmetric syntheses of (+)-spicigerine, (+)-cassine and their 3-epimers. Tetrahedron, 2016, 72, 862-867.	1.9	6
22	Total Syntheses of Heliannuols: An Overview. Synthetic Communications, 2015, 45, 663-691.	2.1	13
23	Divergent Method to trans-5-Hydroxy-6-alkynyl/alkenyl-2-piperidinones: Syntheses of (â^')-Epiquinamide and (+)-Swainsonine. Journal of Organic Chemistry, 2015, 80, 5824-5833.	3.2	43
24	Stereoselective formation of chiral trans-4-hydroxy-5-substituted 2-pyrrolidinones: syntheses of streptopyrrolidine and 3-epi-epohelmin A. Organic Chemistry Frontiers, 2015, 2, 1485-1499.	4.5	23
25	Aggregation-induced bathochromic fluorescent enhancement for fluorenone dyes. Dyes and Pigments, 2015, 123, 355-362.	3.7	24
26	Divergent synthesis of L-685,458 and its analogues involving one-pot intramolecular tandem sequence reaction. Tetrahedron, 2015, 71, 9396-9402.	1.9	8
27	Synthesis of Heterocycles via Palladium-Catalyzed C-H Activation/Cyclization of Diazonium Salts (Part) Tj ETQq1 1 0.784314 rgBT /Ov	0.7	5
28	Diastereoconvergent Synthesis of trans-5-Hydroxy-6-Substituted-2-Piperidinones by Additionâ€“Cyclizationâ€“Deprotection Process. Organic Letters, 2014, 16, 4328-4331.	4.6	54
29	Synthesis of xanthones through the palladium-catalyzed carbonylation/Câ€“H activation sequence. Tetrahedron Letters, 2014, 55, 6432-6434.	1.4	17
30	Flexible approach for the asymmetric synthesis of (â^')-hyacinthacine A1 and its 7a-epimer. Tetrahedron, 2014, 70, 7936-7941.	1.9	19
31	A Facile and Efficient Synthesis of Diaryl Amines or Ethers under Microwave Irradiation at Presence of KF/Al2O3 without Solvent and Their Anti-Fungal Biological Activities against Six Phytopathogens. International Journal of Molecular Sciences, 2013, 14, 18850-18860.	4.1	16
32	Alkene Oxyalkylation Enabled by Merging Rhenium Catalysis with Hypervalent Iodine(III) Reagents via Decarboxylation. Journal of the American Chemical Society, 2013, 135, 18048-18051.	13.7	102
33	Combining transition metal catalysis and organocatalysis â€“ an update. Chemical Society Reviews, 2013, 42, 1337-1378.	38.1	632
34	Microwave-Assisted Syntehsis of 2-Substituted 1H-Benzo[d]imidazoles and Their Antifungal Activities in vitro. Heterocycles, 2013, 87, 1545.	0.7	12
35	A Metal-Free Oxidation of Benzo[c]chromen to Benzo[c]chromen-6-ones by t-Butyl Hydroperoxide in the Presence of Potassium Iodide. Heterocycles, 2013, 87, 1889.	0.7	5
36	A Facile Asymmetric Synthesis of (S)-14-Methyl-1-Octadecene, the Sex Pheromone of the Peach Leafminer Moth. Molecules, 2013, 18, 5201-5208.	3.8	13

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37	Synthesis of Dibenzofurans by Palladium-Catalysed Tandem Denitrification/C-H Activation. Synlett, 2012, 23, 2146-2146.	1.8	1
38	3,4-Bis(4-methoxyphenyl)-2,5-dihydro-1H-pyrrole-2,5-dione. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o1328-o1328.	0.2	2
39	Synthesis of substituted 6H-benzo[c]chromenes: a palladium promoted ring closure of diazonium tetrafluoroborates. Tetrahedron Letters, 2012, 53, 7036-7039.	1.4	22
40	Rhenium-Catalyzed Regiodivergent Addition of Indoles to Terminal Alkynes. Organic Letters, 2012, 14, 588-591.	4.6	83
41	Improved Synthesis of 5-Substituted 1H-Tetrazoles via the [3+2] Cycloaddition of Nitriles and Sodium Azide Catalyzed by Silica Sulfuric Acid. International Journal of Molecular Sciences, 2012, 13, 4696-4703.	4.1	47
42	Thiophene-functionalized octupolar triindoles: Synthesis and photophysical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 1020-1024.	3.9	7
43	An Improved Synthesis of 1,2-Diarylethanols under Conventional Heating and Ultrasound Irradiation. Molecules, 2012, 17, 10708-10715.	3.8	10
44	Symmetrical and asymmetrical (multi)branched truxene compounds: Structure and photophysical properties. Dyes and Pigments, 2012, 95, 236-243.	3.7	15
45	A Short Synthesis of Bisabolane Sesquiterpenes. Molecules, 2011, 16, 8053-8061.	3.8	11
46	3,4-Bis(4-bromophenyl)-N-phenylmaleimide. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1198-o1198.	0.2	0
47	Phenyl 3-methoxy-4-phenoxybenzoate. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2393-o2393.	0.2	0
48	4-[4-(1H-Tetrazol-5-yl)phenoxy]benzaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o3106-o3106.	0.2	2
49	Synthesis of Dibenzofurans by Palladium-Catalysed Tandem Denitrification/C-H Activation. Synlett, 2011, 2011, 3023-3025.	1.8	31
50	Facile total synthesis of xanthorrhizol. Natural Product Communications, 2011, 6, 167-9.	0.5	3
51	Syntheses of (Â±)â€Curcuphenol, (Â±)â€Curcudiol and (Â±)â€Curcuhydroquinone: A Johnsonâ€Claisen Rearrangement Approach. Journal of the Chinese Chemical Society, 2010, 57, 399-403.	1.4	4
52	Synthesis of bisabolane sesquiterpenes: A Johnson-Claisen rearrangement approach. Chinese Chemical Letters, 2010, 21, 813-815.	9.0	7
53	Facile Syntheses of (Â±)-Curcuphenol, (Â±)-Curcudiol, (Â±)-Curcuhydroquinone, and (Â±)-Curcuquinone. Synthetic Communications, 2010, 40, 1920-1926.	2.1	4
54	A Facile Demethylation of Ortho Substituted Aryl Methyl Ethers Promoted by AlCl₃. Journal of Chemical Research, 2010, 34, 222-227.	1.3	22

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55	Synthesis of a Diamino Substituted Terphenyldivinyl Chromophore. Molecules, 2009, 14, 2111-2117.	3.8	3
56	A Facile Synthetic Route to two Chalcones. Journal of Chemical Research, 2004, 2004, 45-46.	1.3	3
57	Facile Total Synthesis of (Â±)â€Nimbiol. Journal of the Chinese Chemical Society, 2004, 51, 505-508.	1.4	3
58	Facile Synthesis of (Â±)â€Parahigginone Methyl Ether and (Â±)â€Curcuphenol. Journal of the Chinese Chemical Society, 2004, 51, 571-574.	1.4	7
59	Enantioselective synthesis of (+)-nuciferal, (+)-(E)-nuciferol and (+)-Î±-curcumene by chiral hydrogenesterification reaction. Journal of Chemical Research, 2004, 2004, 427-429.	1.3	8