Zhuo Zeng

List of Publications by Year
in descending order

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46 papers	980 citations	567281 15 h-index	454955 30 g-index
46 all docs	46 docs citations	46 times ranked	853 citing authors

#	Article	IF	Citations
1	Polyfluoroalkyl, Polyethylene Glycol, 1,4-Bismethylenebenzene, or 1,4-Bismethylene-2,3,5,6-Tetrafluorobenzene Bridged Functionalized Dicationic Ionic Liquids: Synthesis and Properties as High Temperature Lubricants. Chemistry of Materials, 2008, 20, 2719-2726.	6.7	171
2	Palladium-catalyzed Sonogashira coupling of amides: access to ynones via Câ€“N bond cleavage. Chemical Communications, 2016, 52, 12076-12079.	4.1	90
3	Fluorideâ€Catalyzed Esterification of Amides. Chemistry - A European Journal, 2018, 24, 3444-3447.	3.3	67
4	Suzuki Coupling of Amides via Palladiumâ€Catalyzed Câ€“N Cleavage of Nâ€Acylsaccharins. Advanced Synthesis and Catalysis, 2016, 358, 3876-3880.	4.3	66
5	Rhodium-catalyzed Câ€“H functionalization with N-acylsaccharins. Organic and Biomolecular Chemistry, 2017, 15, 536-540.	2.8	58
6	One-pot transition-metal free transamidation to sterically hindered amides. Organic Chemistry Frontiers, 2018, 5, 2950-2954.	4.5	54
7	N-Acylsuccinimides: Efficient acylative coupling reagents in palladium-catalyzed Suzuki coupling via C N cleavage. Tetrahedron Letters, 2017, 58, 3819-3822.	1.4	40
8	One-Pot Synthesis of Arylketones from Aromatic Acids via Palladium-Catalyzed Suzuki Coupling. Journal of Organic Chemistry, 2016, 81, 2987-2992.	3.2	37
9	Palladium-Catalyzed Decarbonylative Suzukiâ€“Miyaura Coupling of Amides To Achieve Biaryls via Câ€“N Bond Cleavage. Journal of Organic Chemistry, 2019, 84, 10559-10568.	3.2	33
10	N-Acyl-5,5-dimethylhydantoin, a New Mild Acyl-Transfer Reagent in Pd Catalysis: Highly Efficient Synthesis of Functionalized Ketones. Organic Process Research and Development, 2018, 22, 1188-1199.	2.7	28
11	Cesium Fluoride and Copperâ€Catalyzed Oneâ€Pot Synthesis of Benzoxazoles via a Siteâ€Selective Amide Câ€“N Bond Cleavage. Advanced Synthesis and Catalysis, 2019, 361, 4117-4125.	4.3	25
12	Energetic polyazole polynitrobenzenes and their coordination complexes. Chemical Communications, 2009, , 6014.	4.1	18
13	Selective Câ€“N Bond Cleavage of Nâ€Acylisatins: Towards High Performance Acylation/Arylation/Transamination Reagents. Advanced Synthesis and Catalysis, 2019, 361, 5383-5391.	4.3	18
14	Mechanofluorochromic and thermochromic properties of simple tetraphenylethylene derivatives with fused fluorine containing 1,4-dioxocane rings. Dyes and Pigments, 2017, 146, 323-330.	3.7	17
15	Pyridinium-based ionic liquid crystals with terminal fluorinated pyrrolidine. Journal of Fluorine Chemistry, 2012, 144, 73-78.	1.7	16
16	Palladiumâ€Catalyzed Aerobic Oxidative Coupling of Amides with Arylboronic Acids by Cooperative Catalysis. European Journal of Organic Chemistry, 2019, 2019, 4357-4361.	2.4	16
17	Acetenyl bridged diphenyl sulfones: A gate way to AIE / MCL / TADF multifunctional white-light emission molecule. Dyes and Pigments, 2020, 176, 108204.	3.7	15
18	New fluorescent N-heterocyclic liquid crystals with high birefringence. Journal of Molecular Liquids, 2016, 224, 909-913.	4.9	13

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19	Water Phase, Room Temperature, Ligandâ€Free Suzukiâ€“Miyaura Crossâ€Coupling: A Green Gateway to Aryl Ketones by Câ€“N Bond Cleavage. European Journal of Organic Chemistry, 2020, 2020, 1620-1628.	2.4	13
20	Adjustable 2-cyano-3,4-difluoro-1H-pyrrole-based luminescent liquid crystals: Synthesis, properties and substituent effect. Journal of Molecular Liquids, 2018, 264, 425-430.	4.9	12
21	3,4-Difluoropyrrole-, 3,3,4,4-tetrafluoropyrrolidine-based tolan liquid crystals. Tetrahedron, 2013, 69, 5129-5135.	1.9	11
22	Fluorocarbon and Hydrocarbon Nâ€Heterocyclic (C₅â€“C₇) Difluorooxymethyleneâ€Bridged Liquid Crystals. European Journal of Organic Chemistry, 2013, 2013, 7517-7527.	2.4	11
23	Approach to tuned emitting color of luminescent liquid crystals with substituted fluoropyrrole acceptor unit. Dyes and Pigments, 2017, 145, 324-330.	3.7	11
24	A Strategy for Accessing Aldehydes via Palladiumâ€Catalyzed Câˆ'O/Câˆ'N Bond Cleavage in the Presence of Hydrosilanes. Advanced Synthesis and Catalysis, 2020, 362, 5794-5800.	4.3	11
25	N-terminal strategy (N1â€“N4) toward high performance liquid crystal materials. Tetrahedron, 2016, 72, 1285-1292.	1.9	10
26	Thermochromic and highly tunable color emitting bis-tolane based liquid crystal materials for temperature sensing devices. Dyes and Pigments, 2021, 190, 109272.	3.7	10
27	3,4-Difluoropyrrole-, 3,3,4,4-tetrafluoropyrrolidine- and pyrrolidine-based liquid crystals. Journal of Fluorine Chemistry, 2013, 156, 327-332.	1.7	9
28	Fluorocarbon and Hydrocarbon Nâ€Heterocyclic (C5â€“C7) Imidazoleâ€Based Liquid Crystals. Chemistry - an Asian Journal, 2014, 9, 3418-3430.	3.3	9
29	Palladiumâ€Catalyzed Suzuki Coupling of Nâ€Acyloxazolidinones via Selective Cleavage of Câ€“N Bonds. European Journal of Organic Chemistry, 2020, 2020, 4176-4180.	2.4	9
30	N-fused ring strategy toward orange/yellow light-emitting liquid crystalline molecules. Dyes and Pigments, 2018, 159, 115-120.	3.7	8
31	Aggregation-induced emission based on a fluorinated macrocycle: visualizing spontaneous and ultrafast solid-state molecular motions at room temperature via Fâ‹¯F interactions. Journal of Materials Chemistry C, 2020, 8, 14919-14924.	5.5	8
32	Stereoselective synthesis of E, E / E, Z isomers based on 1-(4- iodophenyl)-2,5-divinyl-1H-pyrrole core skeleton: A configuration-controlled fluorescence characteristics and highly selective anti-cancer activity. Dyes and Pigments, 2021, 184, 108733.	3.7	7
33	Piperidine and 3,3,4,4,5,5-hexafluoropiperidine as terminal groups: Syntheses and properties as new liquid crystals. Journal of Fluorine Chemistry, 2014, 168, 61-68.	1.7	6
34	Tolane liquid crystals with piperidine, 3,3,4,4,5,5-hexafluoropiperidine as end group: Synthesis and properties. Journal of Molecular Liquids, 2015, 204, 84-89.	4.9	6
35	NaOTs-promoted transition metal-free Câ€“N bond cleavage to form Câ€“X (X = N, O, S) bonds. Organic and Biomolecular Chemistry, 2021, 19, 8566-8571.	2.8	6
36	Polymer dimethyl silicone doped with crown functionalized tetraphenylethene macrocycle: A high selection discriminating film for benzene derivatives. Dyes and Pigments, 2021, 191, 109386.	3.7	6

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37	Analysis of Volatile Components ofAdenosma indianum(Lour.) Merr. by Steam Distillation and Headspace Solid-Phase Microextraction. Journal of Chemistry, 2013, 2013, 1-7.	1.9	5
38	Amide as Terminal Groups: Synthesis and Properties as New Tolaneâ€Type Liquid Crystals. Chinese Journal of Chemistry, 2015, 33, 771-776.	4.9	5
39	A Straightforward Conversion of Activated Amides and Haloalkanes into Esters under Transition-Metal-Free Cs2CO3/DMAP Conditions. Synthesis, 2019, 51, 4078-4084.	2.3	5
40	Regioselective Carbonâ€Halogen Bond Formation in the Reaction of Ag(III) N â€Confused Porphyrin Complex with HCl or HBr. European Journal of Organic Chemistry, 2021, 2021, 4440-4443.	2.4	5
41	An efficient and straightforward approach for accessing thionoesters via palladium-catalyzed Câ€“N cleavage of thioamides. Organic and Biomolecular Chemistry, 2022, , .	2.8	5
42	Synthesis of 2,2,6,6-tetrafluoro-4-phenylmethylmorpholin-3-ones: A simple approach from fluorinated triethylene glycol. Journal of Fluorine Chemistry, 2009, 130, 727-732.	1.7	4
43	Fluorocarbon and Hydrocarbon Benzodioxocycloalkane (C₈â€“C₁₀) End Groups: Effects on Mesomorphism. Chinese Journal of Chemistry, 2013, 31, 933-938.	4.9	2
44	A highly selective visual paper-based detector for hydrazine and MCL luminogens based on fluorinated-pyrrole-functionalized triphenylamine. New Journal of Chemistry, 2021, 45, 20173-20180.	2.8	2
45	3,3,4,4-Tetrafluoro-2,3,4,5-tetrahydro-1,6-benzodioxocine-8-carbaldehyde. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1137-o1137.	0.2	1
46	Synthesis and larvicidal activities of compounds based on coumarin and dibenzothiophene/carbazole. Research on Chemical Intermediates, 2018, 44, 1235-1245.	2.7	1