Pengfei Li

List of Publications by Year
in descending order

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67 papers	3,114 citations	172457 29 h-index	161849 54 g-index
67 all docs	67 docs citations	67 times ranked	2969 citing authors

#	Article	IF	Citations
1	Compound Event-Triggered Distributed MPC for Coupled Nonlinear Systems. IEEE Transactions on Cybernetics, 2023, 53, 5572-5584.	9.5	4
2	Integrated Channel-Aware Scheduling and Packet-Based Predictive Control for Wireless Cloud Control Systems. IEEE Transactions on Cybernetics, 2022, 52, 2735-2749.	9.5	5
3	A novel end-to-end neural network for simultaneous filtering of task-unrelated named entities and fine-grained typing of task-related named entities. Expert Systems With Applications, 2022, 204, 117498.	7.6	0
4	Networked Dual-Mode Adaptive Horizon MPC for Constrained Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7435-7449.	9.3	10
5	A Novel Self-Triggered MPC Scheme for Constrained Input-Affine Nonlinear Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 306-310.	3.0	15
6	Deep Feature Representation Based Imitation Learning for Autonomous Helicopter Aerobatics. IEEE Transactions on Artificial Intelligence, 2021, 2, 437-446.	4.7	11
7	Recent Advances in Continuousâ€Flow Enantioselective Catalysis. Chemistry - A European Journal, 2020, 26, 5729-5747.	3.3	57
8	Facile synthesis of the daphnane and tigliane framework by semi-flow tube-based-bubbling photooxidation and diastereoselective conjugate addition. Organic Chemistry Frontiers, 2020, 7, 1862-1868.	4.5	7
9	Total Synthesis of Prostratin, a Bioactive Tigliane Diterpenoid: Access to Multi-Stereocenter Cyclohexanes from a Phenol. Journal of Organic Chemistry, 2020, 85, 4813-4837.	3.2	17
10	A unified approach for divergent synthesis of contiguous stereodiads employing a small boronyl group. Nature Communications, 2020, 11, 792.	12.8	20
11	Novel Chiral <scp>Ligandsâ€Enabled Transitionâ€Metalâ€Catalyzed</scp> Asymmetric Câ€”H Borylation. Chinese Journal of Chemistry, 2020, 38, 665-667.	4.9	28
12	Bag-of-Concepts representation for document classification based on automatic knowledge acquisition from probabilistic knowledge base. Knowledge-Based Systems, 2020, 193, 105436.	7.1	14
13	Convolutional Transformer with Sentiment-aware Attention for Sentiment Analysis. , 2020, , .		2
14	Knowledge-oriented convolutional neural network for causal relation extraction from natural language texts. Expert Systems With Applications, 2019, 115, 512-523.	7.6	99
15	The Marriage of Carborane with Chalcogen Atoms: Nonconjugation, Ïƒâˆ’Ï€ Conjugation, and Intramolecular Charge Transfer. Organic Letters, 2019, 21, 8285-8289.	4.6	14
16	Zâ€bpy, a New C₂â€Symmetric Bipyridine Ligand and Its Application in Enantioselective Copper(I)â€Catalyzed Cyclopropanation of Olefins. Chinese Journal of Chemistry, 2019, 37, 807-810.	4.9	14
17	Copper-catalyzed borylation of cycloalkylsilyl peroxides via radical Câ€“C bond cleavage. Organic Chemistry Frontiers, 2019, 6, 2792-2795.	4.5	36
18	Photo-controlled release of metal ions using triazoline-containing amphiphilic copolymers. Polymer Chemistry, 2019, 10, 3585-3596.	3.9	2

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19	NNB-Type Tridentate Boryl Ligands Enabling a Highly Active Iridium Catalyst for Câ€“H Borylation. Molecules, 2019, 24, 1434.	3.8	6
20	Real-Time Identification of Power Fluctuations Based on LSTM Recurrent Neural Network: A Case Study on Singapore Power System. IEEE Transactions on Industrial Informatics, 2019, 15, 5266-5275.	11.3	96
21	A Deep Learning Method for Power Fluctuation Identification from Frequency Fluctuations. , 2019, , .		1
22	Knowledge-oriented Hierarchical Neural Network for Sentiment Classification. IOP Conference Series: Materials Science and Engineering, 2019, 646, 012023.	0.6	1
23	Proactive frequency control based on ultraâ€shortâ€term power fluctuation forecasting for high renewables penetrated power systems. IET Renewable Power Generation, 2019, 13, 2166-2173.	3.1	24
24	Synthesis of Aryl Trimethylstannane via BF₃Â·OEt₂-Mediated Cross-Coupling of Hexaalkyl Distannane Reagent with Aryl Triazene at Room Temperature. Journal of Organic Chemistry, 2019, 84, 463-471.	3.2	23
25	Combining Position-aware CNN and RNN for Relation Extraction. , 2019, , .		1
26	Improving Relation Extraction with Knowledge-attention. , 2019, , .		19
27	Knowledge-oriented Sentiment-level Embedding for Sentiment Classification. , 2019, , .		0
28	Total Synthesis of (Â±)-Prostratin. CheM, 2018, 4, 2944-2954.	11.7	42
29	Electrophilicity and Nucleophilicity of Boryl Radicals. Journal of Organic Chemistry, 2017, 82, 2898-2905.	3.2	53
30	Decarboxylative Borylation of Aliphatic Esters under Visible-Light Photoredox Conditions. Organic Letters, 2017, 19, 2770-2773.	4.6	203
31	N,B-Bidentate Boryl Ligand-Supported Iridium Catalyst for Efficient Functional-Group-Directed Câ€“H Borylation. Journal of the American Chemical Society, 2017, 139, 91-94.	13.7	135
32	Recent Advances in Transition-Metal-Free Aryl Câ€“B Bond Formation. Synthesis, 2017, 49, 4719-4730.	2.3	19
33	Recent advances in catalytic Câ^'H borylation reactions. Tetrahedron, 2017, 73, 7123-7157.	1.9	238
34	Sulfur-Directed Ligand-Free Câ€“H Borylation by Iridium Catalysis. Organic Letters, 2017, 19, 6132-6135.	4.6	46
35	Iridium-catalyzed intermolecular directed dehydrogenative ortho Câ€“H silylation. Organic Chemistry Frontiers, 2017, 4, 1943-1946.	4.5	19
36	Soft-nanocoupling between silica and gold nanoparticles based on block copolymer. Reactive and Functional Polymers, 2017, 110, 30-37.	4.1	7

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37	Phosphonated homopolymers and copolymers via ring opening metathesis polymerization: T _g tuning, flame resistance, and photolithography. Journal of Polymer Science Part A, 2016, 54, 1396-1408.	2.3	10
38	Polyaddition of Azideâ€Containing Norborneneâ€Based Monomer through Strainâ€Promoted 1,3â€Dipolar Cycloaddition Reaction. Macromolecular Rapid Communications, 2016, 37, 1311-1317.	3.9	8
39	Metal-free borylation of electron-rich aryl (pseudo)halides under continuous-flow photolytic conditions. Organic Chemistry Frontiers, 2016, 3, 875-879.	4.5	87
40	Copper-Catalyzed Boron-Selective C(sp²)â€“C(sp³) Oxidative Cross-Coupling of Arylboronic Acids and Alkyltrifluoroborates Involving a Single-Electron Transmetalation Process. ACS Catalysis, 2016, 6, 1329-1333.	11.2	37
41	Synthesis of aryl trimethylstannanes from aryl halides: an efficient photochemical method. Chemical Communications, 2016, 52, 9125-9128.	4.1	26
42	Efficient metal-free photochemical borylation of aryl halides under batch and continuous-flow conditions. Chemical Science, 2016, 7, 3676-3680.	7.4	144
43	A sybil attack detection scheme for privacy-preserving mobile social networks. , 2015, , .		5
44	Free radical nano scavenger based on amphiphilic novolacs. RSC Advances, 2015, 5, 95666-95673.	3.6	6
45	Direct introduction of a naphthalene-1,8-diamino boryl [B(dan)] group by a Pd-catalysed selective boryl transfer reaction. Chemical Communications, 2015, 51, 5656-5659.	4.1	75
46	Double N,B-Type Bidentate Boryl Ligands Enabling a Highly Active Iridium Catalyst for Câ€“H Borylation. Journal of the American Chemical Society, 2015, 137, 8058-8061.	13.7	86
47	Synthesis of silafluorenes and silaindenes via silyl radicals from arylhydrosilanes: intramolecular cyclization and intermolecular annulation with alkynes. Organic Chemistry Frontiers, 2015, 2, 459-463.	4.5	80
48	Nâ€“B dative bond-induced [3.3.0] bicyclic boronate-tethered exo-selective intramolecular Dielsâ€“Alder reaction. Organic and Biomolecular Chemistry, 2015, 13, 7136-7139.	2.8	20
49	A uniformly porous 2D CN (1â€‰:â€‰1) network predicted by first-principles calculations. RSC Advances, 2015, 5, 11791-11796.	3.6	6
50	Boron-selective reactions as powerful tools for modular synthesis of diverse complex molecules. Chemical Society Reviews, 2015, 44, 8848-8858.	38.1	266
51	Differentiated Di- and Polyboron Compounds: Synthesis and Application in Successive Suzukiâ€“Miyaura Coupling. Synlett, 2014, 25, 1799-1802.	1.8	14
52	Siteâ€Differentiated Polyboron Arenes Prepared by Direct Cï£¿H Borylation and Their Highly Selective Suzukiâ€“Miyaura Crossâ€Coupling Reactions. Angewandte Chemie - International Edition, 2014, 53, 1822-1826.	13.8	61
53	Stereocontrolled Construction of the Tricyclic Framework of Tiglianes and Daphnanes by an Oxidative Dearomatization Approach. Organic Letters, 2014, 16, 2288-2291.	4.6	31
54	3-Center-5-Electron Boryl Radicals with Ïƒ⁰Ï€¹ Ground State Electronic Structure. Organic Letters, 2014, 16, 1486-1489.	4.6	31

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55	Synergistic Effects of Lewis Bases and Substituents on the Electronic Structure and Reactivity of Boryl Radicals. Chemistry - A European Journal, 2014, 20, 1630-1637.	3.3	47
56	Modular Total Synthesis of Rhizopodin: A Highly Potent Gâ€Actin Dimerizing Macrolide. Chemistry - A European Journal, 2013, 19, 15993-16018.	3.3	41
57	A Microfluidic System for the Continuous Recycling of Unmodified Homogeneous Palladium Catalysts through Liquid/Liquid Phase Separation. ChemCatChem, 2013, 5, 1729-1733.	3.7	22
58	Copperâ€Catalyzed Trifluoromethylationâ€Initiated Radical 1,2â€Aryl Migration in Î±,Î±â€Diaryl Allylic Alcohols. Angewandte Chemie - International Edition, 2013, 52, 6962-6966.	13.8	287
59	Total Synthesis of Rhizopodin. Angewandte Chemie - International Edition, 2012, 51, 5667-5670.	13.8	50
60	Continuousâ€Flow Synthesis of 3,3â€Disubstituted Oxindoles by a Palladiumâ€Catalyzed Î±â€Arylation/Alkylation Sequence. Angewandte Chemie - International Edition, 2011, 50, 6396-6400.	13.8	83
61	Concise Synthesis of Tetrahydropyrans by a Tandem Oxaâ€Michael/Tsujiâ€“Trost Reaction. Angewandte Chemie - International Edition, 2010, 49, 9270-9273.	13.8	48
62	Design, synthesis and biological evaluation of simplified analogues of the RNA polymerase inhibitor etnangien. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 939-941.	2.2	14
63	Stereoselective Total Synthesis of Etnangien and Etnangien Methyl Ester. Journal of Organic Chemistry, 2010, 75, 2429-2444.	3.2	84
64	Stereodivergent Synthesis of 1,3-syn- and -anti-Tetrahydropyrimidinones. Organic Letters, 2010, 12, 4494-4497.	4.6	64
65	An Efficient Procedure for the Direct Nucleophilic Substitution of the Abiko-Masamune Auxiliary. Synlett, 2009, 2009, 2417-2420.	1.8	2
66	Cycloadditions in the Total Synthesis of Sporolideâ€‰B. Angewandte Chemie - International Edition, 2009, 48, 5078-5080.	13.8	25
67	Total Synthesis of Etnangien. Journal of the American Chemical Society, 2009, 131, 11678-11679.	13.7	66