

Lan-Tao Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6236131/publications.pdf>

Version: 2024-02-01

47
papers

1,185
citations

623574

14
h-index

395590

33
g-index

49
all docs

49
docs citations

49
times ranked

1559
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-free synthesis of <i>N</i> -sulfonylformamidines via skeletal reconstruction of sulfonyl oximonitriles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 627-632.	2.3	3
2	A palladium-catalyzed sequential Heck coupling/C–C bond activation approach to oxindoles with all-carbon-quaternary centers. <i>Organic and Biomolecular Chemistry</i> , 2022, , .	1.5	4
3	Design and Synthesis of Dipeptidomimetic Isocyanonaphthalene as Enhanced-Fluorescent Chemodosimeter for Sensing Mercury Ion and Living Cells. <i>Frontiers in Chemistry</i> , 2022, 10, 813108.	1.8	2
4	Self-Calibrating Electrochemical Sensors Based on Uniformly Dispersed Ag Nanoclusters in Nitrogen-Doped Carbon Sheets for Determination of Nitrite. <i>ACS Applied Nano Materials</i> , 2022, 5, 9737-9746.	2.4	13
5	Palladium-catalyzed aminocarbonylation of aryl iodides with amines: efficient access to bidentate amide directing groups. <i>Transition Metal Chemistry</i> , 2021, 46, 29-35.	0.7	1
6	[5+2] Cyclization of <i>N,N</i> -Cyclic Azomethine Imines with 1,3,5-Triazines: An Efficient Protocol for the Synthesis of Tetrazepine Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 371-374.	1.3	11
7	The aerobic oxidative hydroxysulfurization of <i>gem</i> -difluoroalkenes to produce β -difluoro- β -hydroxysulfides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5831-5836.	2.3	6
8	Synthesis of <i>N</i> -alkoxyphthalimide derivatives via PIDA-promoted cross dehydrogenative coupling reaction. <i>RSC Advances</i> , 2021, 11, 8051-8054.	1.7	4
9	An organophotoredox-catalyzed C(sp ²)–N cross coupling reaction of cyclic aldimines with cyclic aliphatic amines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 3595-3600.	1.5	9
10	Ag-Catalyzed ring-opening of tertiary cycloalkanols for C–H functionalization of cyclic aldimines. <i>Chemical Communications</i> , 2021, 57, 1506-1509.	2.2	22
11	Transition-Metal-Free DMAP-Mediated Aromatic Esterification of Amides with Organoboronic Acids. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 3274-3277.	1.2	2
12	Pd-Catalyzed Ring-Closing/Ring-Opening Cross Coupling Reactions: Enantioselective Diarylation of Unactivated Olefins. <i>ACS Catalysis</i> , 2021, 11, 8942-8947.	5.5	23
13	Palladium-Catalyzed Desymmetric Intermolecular C–N Coupling Enabled by a Chiral Monophosphine Ligand Derived from Anthracene Photodimer. <i>Organic Letters</i> , 2021, 23, 5485-5490.	2.4	7
14	Facile Synthesis of Sulfonyl Chlorides/Bromides from Sulfonyl Hydrazides. <i>Molecules</i> , 2021, 26, 5551.	1.7	5
15	Amplified Electrochemical Aptasensor for Sialic Acid Based on Carbon-Supported Gold Nanodendrites and Functionalized Gold Nanoparticles. <i>ChemElectroChem</i> , 2020, 7, 922-927.	1.7	9
16	Brønsted Base and Lewis Acid Cooperatively Catalyzed Asymmetric <i>exo</i> -Selective [3 + 2] Cycloaddition of Trifluoromethylated Azomethine Ylides and Methyleneindolinones. <i>Organic Letters</i> , 2020, 22, 2527-2531.	2.4	39
17	Catalytic Asymmetric Synthesis of Tetrahydrofuran Spirooxindoles via a Dinuclear Zinc Catalyst. <i>Journal of Organic Chemistry</i> , 2020, 85, 4195-4206.	1.7	23
18	Co-Catalyzed Oxidative Alkylation between Styrenes and Cyclic Ethers via sp ³ –C–H Functionalization. <i>ChemistrySelect</i> , 2020, 5, 2078-2081.	0.7	9

#	ARTICLE	IF	CITATIONS
19	Palladium-catalyzed cyclization reaction of N-(2-haloaryl)alkynylamines: Synthesis of 3-cyindoles using water as the sole solvent and oxygen source. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5513.	1.7	2
20	Heat capacities and thermodynamic properties of a Zn-based zeolitic imidazolate framework. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3191-3196.	2.0	3
21	Tetrabutylammonium Iodide-Promoted Acyloxylation-Peroxidation of Alkenes with Carboxylic Acid and tert-Butyl Hydroperoxide. <i>Synlett</i> , 2019, 30, 1708-1712.	1.0	2
22	Interplay of Tri- and Bidentate Linkers to Evolve Micropore Environment in a Family of Quasi-3D and 3D Porous Coordination Polymers for Highly Selective CO ₂ Capture. <i>Inorganic Chemistry</i> , 2019, 58, 16241-16249.	1.9	7
23	Synthesis of β -Lactones by TBAI-Promoted Intermolecular Carboesterification of Carboxylic Acids with Alkenes and Alcohols. <i>Journal of Organic Chemistry</i> , 2019, 84, 16068-16075.	1.7	4
24	Determination of heat capacities and thermodynamic properties of Al ₄ (OH) ₂ (OCH ₃) ₄ (H ₂ N-BDC) ₃ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 3233-3239.	2.0	1
25	Organocatalytic asymmetric synthesis of compounds bearing both isoxazole and pyrazole moieties via 1,6-addition of pyrazol-5-ones to 3-methyl-4-nitro-5-alkenylisoxazoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1342-1347.	2.3	14
26	Transition-Metal-Free Cleavage of C≡C Triple Bonds in Aromatic Alkynes with S ₈ and Amides Leading to Aryl Thioamides. <i>Organic Letters</i> , 2018, 20, 2228-2231.	2.4	41
27	Dinuclear NHC-palladium(II) complexes: synthesis, characterization and application to Suzuki-Miyaura cross-coupling reactions. <i>Transition Metal Chemistry</i> , 2018, 43, 347-353.	0.7	13
28	The Applications of Metal-Organic Frameworks in Electrochemical Sensors. <i>ChemElectroChem</i> , 2018, 5, 6-19.	1.7	301
29	Transition-metal-free cleavage of C=C double bonds: a three-component reaction of aromatic alkenes with S ₈ and amides towards aryl thioamides. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3315-3318.	2.3	13
30	Heat capacities and thermodynamic properties of Cr-MIL-101. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 509-514.	2.0	14
31	Silver salts and DBU cooperatively catalyzed domino reaction of propargylic alcohols with trifluoromethyl ketones: direct method to trifluoromethyl-substituted 5-alkylidene-1,3-dioxolane derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3545.	1.7	7
32	Electrochemical Evaluation of <i>trans</i> -Resveratrol Levels in Red Wine Based on the Interaction between Resveratrol and Graphene. <i>Journal of Analytical Methods in Chemistry</i> , 2017, 2017, 1-8.	0.7	8
33	An easily available N-heterocyclic carbene-palladium(II) catalyst for Buchwald-Hartwig amination of aryl chlorides. <i>Transition Metal Chemistry</i> , 2016, 41, 525-529.	0.7	4
34	Synthesis and characterization of trinuclear N-heterocyclic carbene-palladium(ⁱⁱ) complexes and their applications in the Suzuki-Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2016, 6, 100690-100695.	1.7	15
35	One-pot synthesis of 3,4-dihydropyridin-2-ones via tandem reaction of Blaise reaction intermediate and acrylic ester. <i>Applied Organometallic Chemistry</i> , 2016, 30, 47-50.	1.7	9
36	Fabrication of an antibody-aptamer sandwich assay for electrochemical evaluation of levels of β -amyloid oligomers. <i>Scientific Reports</i> , 2016, 6, 35186.	1.6	72

#	ARTICLE	IF	CITATIONS
37	Detection of A β Monomers and Oligomers: Early Diagnosis of Alzheimer's Disease. <i>Chemistry - an Asian Journal</i> , 2016, 11, 805-817.	1.7	49
38	Cycloaddition of β -Hydroxy- α,β -unsaturated Ketones with Cyclic N-Sulfinimines: Highly Stereoselective Synthesis of Polyheterotriacyclic 1,3-Oxazolidine Derivatives. <i>Synthesis</i> , 2016, 48, 441-447.	1.2	8
39	Synthesis of dendrimer-supported ferrocenylmethyl aziridino alcohol ligands and their application in asymmetric catalysis. <i>Green Chemistry</i> , 2015, 17, 2924-2930.	4.6	13
40	Asymmetric Synthesis of P-Stereogenic Phosphinic Amides via Pd(0)-Catalyzed Enantioselective Intramolecular C-H Arylation. <i>Organic Letters</i> , 2015, 17, 2046-2049.	2.4	115
41	Fabrication of electrochemical interface based on boronic acid-modified pyrroloquinoline quinine/reduced graphene oxide composites for voltammetric determination of glycosylated hemoglobin. <i>Biosensors and Bioelectronics</i> , 2015, 64, 442-448.	5.3	50
42	Asymmetric Synthesis of Planar Chiral Ferrocenes by Enantioselective Intramolecular C-H Arylation of <i>N</i> -(2-Haloaryl)ferrocenecarboxamides. <i>Organic Letters</i> , 2014, 16, 5336-5338.	2.4	109
43	Enantioselective copper(II)-catalyzed Henry reaction utilizing chiral aziridinyl alcohols. <i>Applied Organometallic Chemistry</i> , 2014, 28, 892-899.	1.7	12
44	Azulenophenanthrenes from 2,2'-di(arylethynyl)biphenyls through C-C Bond Cleavage of a Benzene Ring. <i>Angewandte Chemie</i> , 2013, 125, 6620-6623.	1.6	10
45	Isolation and X-ray Structure of a Trimeric 1,4-Dithio-1,3-butadiene and a Dimeric Me ₃ Si-Substituted 1,4-Dithio-1,3-butadiene. <i>Organometallics</i> , 2010, 29, 278-281.	1.1	39
46	Isolation, Structural Characterization, and Synthetic Application of Oxycyclopentadienyl Dianions. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 8111-8114.	7.2	39
47	A Three-Component Reaction to Construct α -Aminonitroso β -Diazocarbonyl Compounds under Metal-Free Conditions. <i>Advanced Synthesis and Catalysis</i> , 0, , .	2.1	4