

Liang Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4965427/publications.pdf>

Version: 2024-02-01

43
papers

968
citations

331670

21
h-index

454955

30
g-index

54
all docs

54
docs citations

54
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	ION-EXCHANGE RESINâ€CATALYZED SYNTHESIS OF POLYOXYMETHYLENE DIMETHYL ETHERS: A PRACTICAL AND ENVIRONMENTALLY FRIENDLY WAY TO DIESEL ADDITIVE. <i>Chemical Engineering Communications</i> , 2014, 201, 709-717.	2.6	55
2	Visible-light-induced aerobic thiocyanation of indoles using reusable TiO ₂ /MoS ₂ nanocomposite photocatalyst. <i>Tetrahedron Letters</i> , 2016, 57, 1771-1774.	1.4	55
3	One-Pot Synthesis of 2,5-Diaryl 1,3,4-Oxadiazoles via Di- <i>tert</i> -butyl Peroxide Promoted <i>N</i> -Acylation of Aryl Tetrazoles with Aldehydes. <i>Journal of Organic Chemistry</i> , 2015, 80, 4743-4748.	3.2	50
4	Transition-Metal-Free Direct Alkylation of Aryl Tetrazoles via Intermolecular Oxidative Câ€N Formation. <i>Journal of Organic Chemistry</i> , 2014, 79, 11780-11786.	3.2	46
5	A Highly Efficient Palladiumâ€Catalyzed Oneâ€Pot Synthesis of Unsymmetrical Aryl Alkyl Thioethers under Mild Conditions in Water. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 839-845.	4.3	45
6	Câ€H arylation reactions through aniline activation catalysed by a PANI-g-C ₃ N ₄ -TiO ₂ composite under visible light in aqueous medium. <i>Green Chemistry</i> , 2018, 20, 1290-1296.	9.0	42
7	Palladiumâ€Catalyzed Aminocarbonylation Reaction to Access 1,3,4â€Oxadiazoles using Chloroform as the Carbon Monoxide Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3469-3473.	4.3	40
8	Pd/Câ€Catalyzed Domino Synthesis of Urea Derivatives Using Chloroform as the Carbon Monoxide Source in Water. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4585-4593.	4.3	38
9	Magnetically recyclable Cu-BTC@Fe ₃ O ₄ composite-catalyzed C(aryl)â€Sâ€P bond formation using aniline, P(O)H compounds and sulfur powder. <i>Catalysis Science and Technology</i> , 2017, 7, 2356-2361.	4.1	37
10	Catalytic Thiourea Promoted Electrophilic Thiocyanation of Indoles and Aromatic Amines with NCS/NH ₄ SCN. <i>Chinese Journal of Chemistry</i> , 2016, 34, 1081-1085.	4.9	34
11	Highly enantioselective aldol reactions catalyzed by reusable upper rim-functionalized calix[4]arene-based <i>l</i> -proline organocatalyst in aqueous conditions. <i>Tetrahedron</i> , 2017, 73, 78-85.	1.9	32
12	Magnetically Recyclable Metalâ€Organic Framework@Fe ₃ O ₄ Compositeâ€Catalyzed Facile Reduction of Nitroarene Compounds in Aqueous Medium. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4132.	3.5	31
13	Rhodium-catalyzed olefination of aryl tetrazoles via direct Câ€H bond activation. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 7923-7926.	2.8	30
14	Iron-catalyzed oxidative dehydrogenative coupling of ethers with aryl tetrazoles. <i>Tetrahedron Letters</i> , 2015, 56, 4943-4946.	1.4	30
15	Photocatalyzed Facile Synthesis of $\hat{\pm}$ -Chloro Aryl Ketones with Polyanilineâ€g-C ₃ N ₄ â€TiO ₂ Composite under Visible Light. <i>Industrial & Engineering Chemistry Research</i> , 2017, 56, 6114-6123.	3.7	28
16	Rapid, Sustainable, and Gramâ€Scale Synthesis of Phenols Catalyzed by a Biodegradable Deep Eutectic Mixture in Water. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 1040-1043.	2.7	26
17	Selective Oxidation of Sulfides to Sulfoxides Catalysed by Deep Eutectic Solvent with H ₂ O ₂ . <i>Journal of Chemical Research</i> , 2014, 38, 183-185.	1.3	26
18	n-Bu ₄ Nl-catalyzed direct amination of ethers with aryl tetrazoles and triazoles via cross-dehydrogenative coupling reaction. <i>Catalysis Science and Technology</i> , 2015, 5, 2891-2896.	4.1	26

#	ARTICLE	IF	CITATIONS
19	Palladium-catalyzed Regioselective C-H Acetoxylation of Aryloxy-pyridines with Pyridyloxy as a Removable Directing Group. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3113-3118.	2.4	23
20	Rapid and efficient thiocyanation of phenols, indoles, and anilines in 1,1,1,3,3,3-hexafluoro-2-propanol under ultrasound irradiation. <i>Synthetic Communications</i> , 2018, 48, 76-84.	2.1	22
21	Rapid and green synthesis of phenols catalyzed by a deep eutectic mixture based on fluorinated alcohol in water. <i>Journal of Fluorine Chemistry</i> , 2014, 158, 44-47.	1.7	21
22	A visible-light-induced chemoselective radical/oxidative addition domino process to access α -chloro and α -alkoxy aryl ketones. <i>Chemical Communications</i> , 2016, 52, 13105-13108.	4.1	21
23	Nickel-catalyzed cyanation of phenol derivatives activated by 2,4,6-trichloro-1,3,5-triazine. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 4816-4820.	2.8	21
24	Rhodium-catalyzed Synthesis of Isoquinolino[1,2-b]quinazolines via C-H Annulation in Biomass-derived Valerolactone. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1671-1674.	2.7	21
25	Palladium-catalyzed oxime ether directed regioselective C-H alkoxylation of arenes. <i>Synthetic Communications</i> , 2016, 46, 1981-1988.	2.1	17
26	Visible-light-mediated facile synthesis of disulfides using reusable TiO ₂ /MoS ₂ nanocomposite photocatalyst. <i>Synthetic Communications</i> , 2016, 46, 1268-1274.	2.1	16
27	Copper-catalyzed Cyanations of Aromatic Bromides with Benzoyl Cyanide. <i>Chinese Journal of Chemistry</i> , 2014, 32, 1221-1224.	4.9	14
28	Facile and green synthesis of Hantzsch derivatives in deep eutectic solvent. <i>Green Processing and Synthesis</i> , 2014, 3, 457-461.	3.4	14
29	Photocatalyzed facile synthesis of 2,5-diaryl 1,3,4-oxadiazoles with polyaniline-g-C ₃ N ₄ -TiO ₂ composite under visible light. <i>Tetrahedron Letters</i> , 2018, 59, 1489-1492.	1.4	14
30	Rhodium-catalyzed ortho C-H olefination of aromatic aldehydes employing transient directing strategy. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4039.	3.5	12
31	Photocatalyzed synthesis of unsymmetrical ureas via the oxidative decarboxylation of oxamic acids with PANI-g-C ₃ N ₄ -TiO ₂ composite under visible light. <i>Tetrahedron Letters</i> , 2020, 61, 151962.	1.4	11
32	Multicomponent Synthesis of Isoindolinone Frameworks via Rh ^{III} -catalysed in situ Directing Group-assisted Tandem Oxidative Olefination/Michael Addition. <i>Chemistry - an Asian Journal</i> , 2018, 13, 765-769.	3.3	10
33	Nickel-catalysed C-O bond reduction of 2,4,6-triaryloxy-1,3,5-triazines in 2-methyltetrahydrofuran. <i>Chinese Chemical Letters</i> , 2019, 30, 409-412.	9.0	9
34	Organocatalytic Oxidative Amidation of Aldehydes with Tetrazoles to Construct 2,5-Diaryl 1,3,4-Oxadiazoles. <i>Chinese Journal of Chemistry</i> , 2015, 33, 1239-1243.	4.9	8
35	Rh(III)-catalyzed synthesis of unsymmetrical acridines from aldehydes and azides using transient directing strategy in biomass-derived valerolactone. <i>Synthetic Communications</i> , 2018, 48, 1354-1362.	2.1	8
36	LiO ⁶⁶ microcrystals catalyzed direct arylation of enol acetates and heteroarenes with aryl diazonium salts in water. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5482.	3.5	7

#	ARTICLE	IF	CITATIONS
37	Syntheses, structures, and properties of zinc(II), cadmium(II), cobalt(II), and manganese(II) coordination polymers with tetraiodoterephthalate. <i>Transition Metal Chemistry</i> , 2012, 37, 619-627.	1.4	5
38	Mechanically fabricated Metal-organic framework/resin composite nanoparticles for efficient basic catalysis. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4788.	3.5	5
39	Copper-catalyzed synthesis of CN-containing chroman-4-ones via intramolecular radical cascade acyl-cyanation reaction. <i>Tetrahedron Letters</i> , 2021, 72, 153061.	1.4	5
40	Polystyrene-supported phosphine oxide-catalysed Beckmann rearrangement of ketoximes in 1,1,1,3,3,3-hexafluoro-2-propanol. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2019, 194, 210-214.	1.6	4
41	Rh(III)-catalyzed synthesis of isoquinolines from <i>N</i> -hydroxyoximes and alkynes in <i>N</i> -valerolactone. <i>Synthetic Communications</i> , 2021, 51, 94-102.	2.1	4
42	Convenient synthesis of 4,5-unsubstituted 3-arylisoxazoles from methyl aryl ketones and (vinylsulfonyl)benzene in water. <i>Tetrahedron Letters</i> , 2021, 64, 152739.	1.4	4
43	Magnetically recyclable Cr complex for the dehydration of glucose to 5-HMF in acidic task specific ionic liquid. <i>AIP Advances</i> , 2019, 9, 095102.	1.3	1