

László Hegedüs

List of Publications by Year in descending order

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56
papers

878
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all docs

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60
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891
citing authors

#	ARTICLE	IF	CITATIONS
1	A tribute to Professor György Keglevich. <i>Arkivoc</i> , 2023, 2022, 1-13.	0.5	0
2	Tuning the chemoselectivity of the Pd-catalysed hydrogenation of pyridinecarbonitriles: an efficient and simple method for preparing pyridyl- or piperidylmethylamines. <i>Catalysis Science and Technology</i> , 2022, 12, 2634-2648.	4.1	4
3	Poisoning and Reuse of Supported Precious Metal Catalysts in the Hydrogenation of N-Heterocycles, Part II: Hydrogenation of 1-Methylpyrrole over Rhodium. <i>Catalysts</i> , 2022, 12, 730.	3.5	1
4	Application of supported lanthanum catalysts in the hydrogenation of nitriles. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2021, 133, 687.	1.7	2
5	Synthesis of Methyl 4,6-Di-O-ethyl- β -D-glucopyranoside-Based Azacrown Ethers and Their Effects in Asymmetric Reactions. <i>Molecules</i> , 2021, 26, 4668.	3.8	2
6	Selective hydrogenation of benzonitrile and its homologues to primary amines over platinum. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 101, 279-292.	5.8	11
7	Heterogeneous Catalytic Hydrogenation of 3-Phenylpropionitrile over Palladium on Carbon. <i>ACS Omega</i> , 2020, 5, 5487-5497.	3.5	6
8	Meet Our Frontier Section Editor. <i>Current Organic Chemistry</i> , 2019, 23, 745-745.	1.6	0
9	(\pm)-trans-Dihydronarciclasine and (\pm)-trans-dihydrolycoricidine analogues modified in their ring A: Evaluation of their anticancer activity and a SAR study. <i>European Journal of Medicinal Chemistry</i> , 2019, 173, 76-89.	5.5	4
10	Microwave-assisted synthesis of <i>N,N</i> -bis(phosphinoylmethyl)amines and <i>N,N,N</i> -tris(phosphinoylmethyl)amines bearing different substituents on the phosphorus atoms. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 469-473.	2.2	7
11	Recent Achievements in the Hydrogenation of Nitriles Catalyzed by Transitional Metals. <i>Current Organic Chemistry</i> , 2019, 23, 1881-1900.	1.6	42
12	Treatments of Lignocellulosic Hydrolysates and Continuous-Flow Hydrogenation of Xylose to Xylitol. <i>Chemical Engineering and Technology</i> , 2018, 41, 496-503.	1.5	15
13	Highly Stereoselective Synthesis of trans-Dihydronarciclasine Analogues. <i>Synthesis</i> , 2018, 50, 625-643.	2.3	4
14	Synthesis and Recovery of Pyridine- and Piperidine-based Camphorsulfonamide Organocatalysts Used for Michael Addition Reaction. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	1.1	3
15	Stereoselective synthesis of trans-dihydronarciclasine derivatives containing a 1,4-benzodioxane moiety. <i>Monatshefte für Chemie</i> , 2018, 149, 2265-2285.	1.8	4
16	Selective Heterogeneous Catalytic Hydrogenation of Nitriles to Primary Amines. <i>Periodica Polytechnica: Chemical Engineering</i> , 2018, 62, .	1.1	21
17	Green synthesis and cytotoxic activity of dibenzyl β -hydroxyphosphonates and β -hydroxyphosphonic acids. <i>Heteroatom Chemistry</i> , 2018, 29, .	0.7	14
18	Poisoning and Reuse of Supported Precious Metal Catalysts in the Hydrogenation of N-Heterocycles Part I: Ruthenium-Catalysed Hydrogenation of 1-Methylpyrrole. <i>Catalysis Letters</i> , 2018, 148, 1939-1950.	2.6	11

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19	The First Enantioselective Total Synthesis of (â [±])- <i>trans</i> -Dihydronarciclasine. <i>Journal of Natural Products</i> , 2017, 80, 1909-1917.	3.0	18
20	Anomalous Products in the Halogenation Reactions of Vinca Alkaloids. <i>Current Organic Chemistry</i> , 2016, 20, 2639-2646.	1.6	3
21	An efficient stereoselective total synthesis of (Â [±])- <i>trans</i> -dihydronarciclasine. <i>Tetrahedron Letters</i> , 2016, 57, 1544-1546.	1.4	11
22	Synthesis and determination of pKa values of new enantiopure pyridino- and piperidino-18-crown-6 ethers. <i>Arkivoc</i> , 2016, 2016, 130-151.	0.5	3
23	Synthesis and Application of New, Optically Active Compounds as Catalysts and Ligands in Enantioselective Reactions. <i>Periodica Polytechnica: Chemical Engineering</i> , 2015, 59, 38-50.	1.1	5
24	Asymmetric Michael Addition of Malonates to Enones Catalyzed by an Î [±] -d-Glucopyranoside-Based Crown Ether. <i>Synlett</i> , 2015, 26, 1847-1851.	1.8	33
25	Synthesis of (S)-(+)-2-(N-benzylamino)butan-1-ol from its Schiff Base by Catalytic Hydrogenation over Palladium. <i>Current Green Chemistry</i> , 2015, 2, 312-318.	1.1	1
26	Hydrogenolysis of N- and O-protected hydroxyazetidines over palladium: Efficient and selective methods for ring opening and deprotecting reactions. <i>Journal of Molecular Catalysis A</i> , 2014, 395, 217-224.	4.8	9
27	Chiral Resolution of Racemic Cyclopropanecarboxylic Acids in Supercritical Carbon Dioxide. <i>Chemical Engineering and Technology</i> , 2014, 37, 1885-1890.	1.5	5
28	Cinchona based squaramide catalysed enantioselective Michael addition of Î [±] -nitrophosphonates to aryl acrylates: enantioselective synthesis of quaternary Î [±] -aminophosphonates. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1605-1614.	1.8	22
29	Synthesis of ribo-hexopyranoside- and altrose-based azacrown ethers and their application in an asymmetric Michael addition. <i>Carbohydrate Research</i> , 2013, 365, 61-68.	2.3	13
30	Hydrogenolysis of N-protected aminooxetanes over palladium: An efficient method for a one-step ring opening and debenzylation reaction. <i>Journal of Molecular Catalysis A</i> , 2011, 339, 32-36.	4.8	9
31	Microwave-Assisted Esterification of Phosphinic Acids. <i>Current Organic Chemistry</i> , 2011, 15, 1802-1810.	1.6	69
32	Hydrogenation of (Â [±])- <i>trans</i> -2-arylnitrocyclohexane derivatives over palladium. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 99, 85.	1.7	0
33	Asymmetric epoxidation of substituted chalcones and chalcone analogues catalyzed by Î [±] -d-glucose- and Î [±] -d-mannose-based crown ethers. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 919-925.	1.8	46
34	An expedient total synthesis of ent-(â [±])-7-deoxy- <i>trans</i> -dihydronarciclasine. <i>Tetrahedron</i> , 2009, 65, 8412-8417.	1.9	32
35	Stereoselective total synthesis of (Â [±])-7-deoxy- <i>trans</i> -dihydronarciclasine, a potent antineoplastic phenanthridone alkaloid. <i>Tetrahedron Letters</i> , 2009, 50, 2857-2859.	1.4	20
36	Hydrogenolysis of O-protected hydroxyoxetanes over palladium: An efficient method for a one-step ring opening and detritylation reaction. <i>Catalysis Communications</i> , 2009, 10, 635-639.	3.3	8

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37	Selective heterogeneous catalytic hydrogenation of nitriles to primary amines in liquid phase. <i>Applied Catalysis A: General</i> , 2008, 349, 40-45.	4.3	38
38	A rational synthesis of trans-2-(3-phenylprop-1-yl)cyclohexylamino-2-oxazoline enantiomers. <i>Tetrahedron: Asymmetry</i> , 2008, 19, 773-778.	1.8	2
39	A new, aluminium oxy-hydrate supported NiAl skeleton catalyst. <i>Applied Catalysis A: General</i> , 2006, 308, 50-55.	4.3	13
40	Selective heterogeneous catalytic hydrogenation of nitriles to primary amines in liquid phase. <i>Applied Catalysis A: General</i> , 2005, 296, 209-215.	4.3	89
41	Novel 2-phospha-bicyclo[2.2.2]oct-5-ene derivatives and their use in phosphinylations. <i>Heteroatom Chemistry</i> , 2004, 15, 97-106.	0.7	7
42	Hydrogenation of a 4-benzylpyridine derivative over supported precious metal catalysts. <i>Applied Catalysis A: General</i> , 2004, 269, 249-253.	4.3	6
43	The first enantioselective synthesis of $\hat{1}\pm$ -aminophosphinates. <i>Tetrahedron Letters</i> , 2003, 44, 4603-4606.	1.4	20
44	Hydrogenation of pyrrole derivatives Part VI. An exception: catalytically unhydrogenable pyrroles. <i>Applied Catalysis A: General</i> , 2003, 245, 179-183.	4.3	6
45	Hydrogenation of pyrrole derivatives Part V. Poisoning effect of nitrogen on precious metal on carbon catalysts. <i>Applied Catalysis A: General</i> , 2002, 226, 319-322.	4.3	34
46	Synthesis of the Spiro Derivatives of 1,2-Oxaphosphetes by [2+2] Cycloaddition of Cyclic 1-(2,4,6-Triisopropylphenyl)phosphine Oxides with Dimethyl Acetylenedicarboxylate. <i>Tetrahedron</i> , 2000, 56, 4823-4828.	1.9	20
47	Effect of carbon support properties on enantioselective hydrogenation of isophorone over palladium catalysts modified with (\hat{a} [~])-dihydroapovincaminic acid ethyl ester. <i>Journal of Molecular Catalysis A</i> , 2000, 153, 215-219.	4.8	32
48	Selective hydrogenation of exocyclic $\hat{1}\pm, \hat{1}^2$ -unsaturated ketones. <i>Journal of Molecular Catalysis A</i> , 2000, 154, 237-241.	4.8	9
49	Diastereoselective heterogeneous catalytic hydrogenation of N-heterocycles. Part I. Hydrogenation of pyridines. <i>Applied Catalysis A: General</i> , 2000, 201, 107-114.	4.3	45
50	Diastereoselective and enantioselective heterogeneous catalytic hydrogenation of aminocinnamic acid derivatives. <i>Journal of Molecular Catalysis A</i> , 1999, 139, 239-244.	4.8	15
51	Monodechlorination of 6,6-Dichloro-3-phospha-bicyclo[3.1.0]hexane 3-Oxides by Catalytic Hydrogenation. <i>Journal of Chemical Research Synopses</i> , 1997, , 290-29.	0.3	7
52	Hydrogenation of pyrrole derivatives Part III. Hydrogenation of methyl 1-methyl-2-pyrroleacetate. <i>Applied Catalysis A: General</i> , 1997, 153, 133-139.	4.3	13
53	Hydrogenation of pyrrole derivatives. Part IV. Hydrogenation of 1-methylpyrrole. <i>Applied Catalysis A: General</i> , 1997, 152, 143-151.	4.3	15
54	Hydrogenation of pyrrole derivatives I. Hydrogenations over palladium. <i>Applied Catalysis A: General</i> , 1996, 143, 309-316.	4.3	23

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55	Hydrogenation of pyrrole derivatives. II. Hydrogenations over supported noble metal catalysts. <i>Applied Catalysis A: General</i> , 1996, 147, 407-414.	4.3	23
56	Resolution of aryl-H-phosphinates applied in the synthesis of P-stereogenic compounds including a Brønsted acid NMR solvating agent. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	1