MihÃ¡ly BartÃ³k

List of Publications by Year
in descending order

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181 papers	4,585 citations	94415 37 h-index	155644 55 g-index
188 all docs	188 docs citations	188 times ranked	2123 citing authors

#	Article	IF	Citations
1	Application of hydroxyproline derivatives in enantioselective Î±-amination reactions in organic and aqueous environments: a structure-activity relationship study. Structural Chemistry, 2017, 28, 415-421.	2.0	2
2	Dual stereocontrol in aldol reactions catalysed by hydroxyproline derivatives in the presence of a large amount of water. Tetrahedron: Asymmetry, 2016, 27, 936-942.	1.8	9
3	Comparative Study of Graphite-Oxide and Graphene-Oxide Supported Proline Organocatalysts in Asymmetric Aldol Addition. Topics in Catalysis, 2016, 59, 1227-1236.	2.8	10
4	Tuning the sense of product stereochemistry in aldol reactions of acetone and aromatic aldehydes in the presence of water with a single chiral catalyst. Tetrahedron Letters, 2015, 56, 7201-7205.	1.4	10
5	Advances in Immobilized Organocatalysts for the Heterogeneous Asymmetric Direct Aldol Reactions. Catalysis Reviews - Science and Engineering, 2015, 57, 192-255.	12.9	35
6	Detection of Previously Unknown Fumonisin P Analogue Mycotoxins in a Fusarium verticillioides Culture by High-Performance Liquid Chromatography-Electrospray Ionization Time-of-Flight and Ion Trap Mass Spectrometry. Journal of Chromatographic Science, 2014, 52, 508-513.	1.4	12
7	Reversal of Enantioselectivity in Aldol Reaction: New Data on Proline/Î³-Alumina Organicâ€"Inorganic Hybrid Catalysts. Catalysis Letters, 2014, 144, 478-486.	2.6	13
8	Reversal of the enantioselectivity in aldol addition over immobilized di- and tripeptides: studies under continuous flow conditions. RSC Advances, 2014, 4, 61611-61618.	3.6	11
9	Unusual enantioselectivities in heterogeneous organocatalyzed reactions: Reversal of direction using proline di- versus tri-peptides in the aldol addition. Journal of Molecular Catalysis A, 2014, 382, 86-92.	4.8	16
10	Modifierâ€"substrate interactions of various types in the Orito reaction: Reversal of the enantioselection in the hydrogenation of ketopantolactone on Pt modified by Î²-isocinchonine and O-phenylcinchonidine. Catalysis Communications, 2013, 32, 81-85.	3.3	7
11	Palladium Nanoparticleâ€"Graphene Catalysts for Asymmetric Hydrogenation. Catalysis Letters, 2013, 143, 539-546.	2.6	37
12	Preparation of Optically Enriched 3â€Hydroxyâ€3,4â€dihydroquinolinâ€2(1H)â€ones by Heterogeneous Catalytic Cascade Reaction over Supported Platinum Catalyst. Advanced Synthesis and Catalysis, 2013, 355, 1623-1629.	4.3	18
13	IDENTIFICATION OF UNKNOWN ISOMERS OF FUMONISIN B₅MYCOTOXIN IN AFUSARIUM VERTICILLIOIDESCULTURE BY HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY/ELECTROSPRAY IONIZATION TIME-OF-FLIGHT AND ION TRAP MASS SPECTROMETRY. Journal of Liquid Chromatography and Related Technologies, 2013, 36, 1549-1561.	1.0	12
14	Organocatalytic Asymmetric Aldol Reactions in Aqueous or Neat Conditions: Review of Data Published in 2009-2013. Current Green Chemistry, 2013, 1, 191-201.	1.1	5
15	Heterogeneous Asymmetric Hydrogenation of N-Heterocyclic Compounds: Hydrogenation of Tetrahydroisoquinoline Derivatives. Topics in Catalysis, 2012, 55, 880-888.	2.8	6
16	Heterogeneous Enantioselective Hydrogenation in a Continuous-flow Fixed-bed Reactor System: Hydrogenation of Activated Ketones and Their Binary Mixtures on Ptâ€"Aluminaâ€"Cinchona Alkaloid Catalysts. Catalysis Letters, 2012, 142, 889-894.	2.6	17
17	Achiral amine additives in the enantioselective hydrogenation of aliphatic Î±,Î²-unsaturated acids over cinchonidine-modified Pd/Al2O3 catalyst. Catalysis Today, 2012, 181, 56-61.	4.4	11
18	The first case of competitive heterogeneously catalyzed enantioselective hydrogenation of ketones. Chemical Communications, 2011, 47, 1551-1552.	4.1	24

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19	Inversion of the Enantioselectivity in the Hydrogenation of (E)-2,3-diphenylpropenoic Acids over Pd Modified by Cinchonidine Silyl Ethers. ACS Catalysis, 2011, 1, 1316-1326.	11.2	23
20	New phenomenon in competitive hydrogenation of binary mixtures of activated ketones over unmodified and cinchonidine-modified Pt/alumina catalyst. Catalysis Communications, 2011, 12, 1410-1414.	3.3	18
21	The First Case of Competitive Heterogeneously Catalyzed Hydrogenation using Continuous-Flow Fixed-Bed Reactor System: Hydrogenation of Binary Mixtures of Activated Ketones on Pt-Alumina and on Pt-Alumina-Cinchonidine Catalysts. Catalysis Letters, 2011, 141, 1616-1620.	2.6	16
22	Detection and characterization of twentyâ€eight isomers of fumonisin B₁ (FB₁) mycotoxin in a solid rice culture infected with Fusarium verticillioides by reversedâ€phase highâ€performance liquid chromatography/electrospray ionization timeâ€ofâ€flight and ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2010, 24, 35-42.	1.5	63
23	Unexpected Inversions in Asymmetric Reactions: Reactions with Chiral Metal Complexes, Chiral Organocatalysts, and Heterogeneous Chiral Catalysts. Chemical Reviews, 2010, 110, 1663-1705.	47.7	352
24	Novel Evidence on the Role of the Nucleophilic Intermediate Complex in the Orito-Reaction: Unexpected Inversion in the Enantioselective Hydrogenation of 2,2,2-Trifluoroacetophenone on Pt-Cinchona Chiral Catalyst Using Continuous-Flow Fixed-Bed Reactor. Catalysis Letters, 2010, 134, 264-269.	2.6	19
25	Cinchona methyl ethers as modifiers in the enantioselective hydrogenation of (E)-2,3-diphenylpropenoic acids over Pd catalyst. Journal of Catalysis, 2010, 276, 259-267.	6.2	22
26	Origin of the rate enhancement and enantiodifferentiation in the heterogeneous enantioselective hydrogenation of 2,2,2-trifluoroacetophenone over Pt/alumina studied in continuous-flow fixed-bed reactor system. Applied Catalysis A: General, 2010, 382, 263-271.	4.3	27
27	Reactions of chlorine substituted (E)-2,3-diphenylpropenoic acids over cinchonidine-modified Pd: Enantioselective hydrogenation versus hydrodechlorination. Journal of Molecular Catalysis A, 2010, 333, 28-36.	4.8	14
28	Reversal of the ee in enantioselective hydrogenation of activated ketones in continuous-flow fixed-bed reactor system. Catalysis Communications, 2010, 12, 14-19.	3.3	17
29	Preparation and Characterization of TiO2 Coated Multi-walled Carbon Nanotube-supported Pd and its Catalytic Performance in the Asymmetric Hydrogenation of Î±,Î²-Unsaturated Carboxylic Acids. Catalysis Letters, 2009, 132, 370-376.	2.6	19
30	Enantioselective hydrogenation of (E)-2-methyl-2-butenoic acid over cinchonidine modified Pd catalyst. Effect of the structure of achiral amine additives. Reaction Kinetics and Catalysis Letters, 2009, 96, 319-325.	0.6	14
31	New data in the enantioselective hydrogenation of ethyl pyruvate on Pt-cinchona chiral catalyst using continuous-flow fixed-bed reactor system: The origin of rate enhancement. Journal of Molecular Catalysis A, 2009, 305, 155-160.	4.8	25
32	Inversion of enantioselectivity in the 2,2,2-trifluoroacetophenone hydrogenation over Pt-alumina catalyst modified by cinchona alkaloids. Applied Catalysis A: General, 2009, 362, 178-184.	4.3	27
33	Enantioselective hydrogenation of propenoic acids bearing heteroaromatic substituents over cinchonidine modified Pd/alumina. Catalysis Communications, 2009, 10, 1107-1110.	3.3	10
34	New Data of Nonlinear Phenomenon in the Heterogeneous Enantioselective Hydrogenation of Activated Ketones. Catalysis Letters, 2008, 124, 46-51.	2.6	8
35	New Data on the Orito Reaction: Effect of Substrate Structure on Nonlinear Phenomenon. Catalysis Letters, 2008, 125, 401-407.	2.6	16
36	Up to 96% Enantioselectivities in the Hydrogenation of Fluorine Substituted (E)â€2,3â€Diphenylpropenoic Acids over Cinchonidineâ€Modified Palladium Catalyst. Advanced Synthesis and Catalysis, 2008, 350, 2804-2814.	4.3	45

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37	Methylethers of cinchona alkaloids in Pt-catalyzed hydrogenation of methyl benzoylformate and pyruvaldehyde dimethyl acetal. Journal of Molecular Catalysis A, 2008, 285, 84-91.	4.8	11
38	New data on the effect of steric constraints on the chiral induction in the Orito reaction: Hydrogenation of activated steroid ketones. Journal of Molecular Catalysis A, 2008, 294, 14-19.	4.8	3
39	Methylethers of cinchona alkaloids in Pt-catalyzed hydrogenation of ethyl pyruvate and ketopantolactone: Effect of stereochemical factors on the enantioselectivity. Journal of Molecular Catalysis A, 2008, 280, 87-95.	4.8	19
40	Effect of the substituent position on the enantioselective hydrogenation of methoxy-substituted 2,3-diphenylpropenoic acids over palladium catalyst. Journal of Molecular Catalysis A, 2008, 290, 54-59.	4.8	29
41	Enantioselective hydrogenation of ketopantolactone using Ptâ€“Î²-ICN chiral catalyst: Correlation between the solution-state concentration of a nucleophilic Î²-isocinchonineâ€“ketopantolactone complex and enantioselectivity. Journal of Catalysis, 2008, 255, 296-303.	6.2	19
42	Enantioselective hydrogenation of arecaidine over cinchona alkaloid-modified palladium catalyst: A novel route to enantioenriched nipecotic acid derivatives. Journal of Catalysis, 2008, 256, 349-352.	6.2	16
43	New data to the origin of rate enhancement on the Pt-cinchona catalyzed enantioselective hydrogenation of activated ketones using continuous-flow fixed-bed reactor system. Journal of Catalysis, 2008, 260, 245-253.	6.2	41
44	The enantioselective hydrogenation of 5,6-dihydro-2H-pyran-3-carboxylic acid over a cinchona alkaloid-modified palladium catalyst: asymmetric synthesis of a cockroach attractant. New Journal of Chemistry, 2008, 32, 1354.	2.8	11
45	Enantioselective hydrogenation of fluorinated unsaturated carboxylic acids over cinchona alkaloid modified palladium catalysts. Catalysis Communications, 2008, 9, 421-424.	3.3	23
46	A new type of fumonisin series appeared on the scene of food and feed safety. Cereal Research Communications, 2008, 36, 315-319.	1.6	18
47	Enantioselective hydrogenation of Î±,Î²-unsaturated carboxylic acids in fixed-bed reactor. Applied Catalysis A: General, 2007, 331, 39-43.	4.3	30
48	Enantioselective Hydrogenation ofN-Acetyldehydroamino Acids over Supported Palladium Catalysts. Advanced Synthesis and Catalysis, 2007, 349, 405-410.	4.3	21
49	Enantioselective hydrogenation of itaconic acid over cinchona alkaloid modified supported palladium catalyst. Applied Catalysis A: General, 2007, 319, 193-201.	4.3	36
50	Organocatalytic direct aldol reaction between acetone and Î±-substituted Î²-keto esters. Journal of Molecular Catalysis A, 2007, 267, 98-101.	4.8	14
51	A new rigid cinchona modified (Î±-IQ) platinum catalyst for the enantioselective hydrogenation of activated ketones: Data to the origin of enantioselection. Journal of Molecular Catalysis A, 2007, 272, 265-274.	4.8	14
52	NMR spectroscopic and theoretical evidence of cinchona alkaloidâ€“ ketopantolactone complex formation in aprotic solvents: Implications for the mechanism of Pt-catalyzed enantioselective hydrogenation of activated ketones. Journal of Catalysis, 2007, 246, 266-276.	6.2	30
53	Hydrogenation of Î²-isocinchonicine in mild conditions on Pt and Pd catalysts using HPLC-ESI-ion-trap MS: New results on the role of structure of cinchona alkaloids in the Orito reaction. Catalysis Communications, 2006, 7, 104-108.	3.3	12
54	Detection of new fumonisin mycotoxins and fumonisin-like compounds by reversed-phase high-performance liquid chromatography/electrospray ionization ion trap mass spectrometry. Rapid Communications in Mass Spectrometry, 2006, 20, 2447-2462.	1.5	85

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55	C9-O-substituted derivatives of cinchona alkaloids as chiral modifiers in the Orito-reaction: Effects of structure of modifiers on sense of enantioselectivity. Journal of Molecular Catalysis A, 2006, 247, 108-115.	4.8	28
56	New chiral catalysts: synthesis and fragmentation pattern of C9-o-silanized cinchonidines. Reaction Kinetics and Catalysis Letters, 2006, 87, 281-289.	0.6	1
57	Inversion of enantioselectivity in the hydrogenation of ketopantolactone on a Pt-Î²-ICN chiral catalyst. Journal of Catalysis, 2006, 239, 74-82.	6.2	34
58	Study of enantioselective hydrogenation of bulky esters of phenylglyoxylic acid on Pt-CD and Pt-Î²-ICN chiral catalysts: Steric effect of ester groups and inversion of enantioselectivity. Journal of Catalysis, 2006, 241, 149-154.	6.2	26
59	Dynamic Kinetic Resolution overCinchona-Modified Platinum Catalyst: Hydrogenation of Racemic Ethyl 2-Fluoroacetoacetate. Advanced Synthesis and Catalysis, 2006, 348, 515-522.	4.3	36
60	Heterogeneous Catalytic Enantioselective Hydrogenation of Activated Ketones. Current Organic Chemistry, 2006, 10, 1533-1567.	1.6	149
61	Enantioselective hydrogenation of ethyl pyruvate catalyzed by - and -isocinchonine-modified Pt/AlO in toluene: inversion of enantioselectivity. Journal of Catalysis, 2005, 231, 33-40.	6.2	43
62	Increased enantioselectivity in the presence of benzylamine in the heterogeneous hydrogenation of Î±,Î²Î±,Î²-unsaturated carboxylic acids. Journal of Catalysis, 2005, 231, 480-483.	6.2	53
63	Enantioselective hydrogenation of ethyl pyruvate catalysed by cinchonine-modified Pt/Al2O3: tilted adsorption geometry of cinchonine. Catalysis Letters, 2005, 100, 161-167.	2.6	45
64	A novel asymmetric heterogeneous catalytic reaction: hydrogenation of ethyl 2-acetoxyacrylate on cinchonidine modified Pd and Pt catalyst. Reaction Kinetics and Catalysis Letters, 2005, 84, 151-156.	0.6	12
65	Identification of novel chiral aluminium containing oxonium cations in the enantioselective hydrogenation of ethyl pyruvate catalyzed using cinchonidine modified Pt-alumina in acetic acid. Reaction Kinetics and Catalysis Letters, 2005, 85, 361-366.	0.6	3
66	Hydrogenation ofmethyl 3a-acetoxy-23-oxo-5b-cholan-24-oatecatalyzed by cinchona alkaloid-modified Pt-alumina catalyst. Reaction Kinetics and Catalysis Letters, 2005, 86, 323-329.	0.6	2
67	Study of fragmentation pattern and adsorption of 9-O-(triphenylsilyl)-10,11-dihydrocinchonidine on platinum by hydrogen/deuterium exchange using electrospray ionization ion-trap tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 3743-3748.	1.5	5
68	Structureâˆ'Property Relationship inpy-Hexahydrocinchonidine Diastereomers: Ab Initio and NMR Study. Journal of Physical Chemistry A, 2005, 109, 860-868.	2.5	13
69	Enantioselective Hydrogenation of Trifluoromethylcyclohexyl Ketone on Cinchona Alkaloid Modified Pt-Alumina Catalyst. Catalysis Letters, 2004, 97, 65-70.	2.6	29
70	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2004, 219, 383-389.	4.8	16
71	Investigation of chiral reactions: the structural detection of new hydrogenated isocinchona alkaloids from mixtures without isolation using electrospray ionization tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2004, 18, 1352-1360.	1.5	9
72	New data on enantiomeric excess versus conversion during enantioselective hydrogenation of activated ketones on a platinum catalyst. Journal of Catalysis, 2004, 224, 463-472.	6.2	43

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73	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2004, 216, 181-187.	4.8	48
74	Title is missing!. Catalysis Letters, 2003, 87, 235-240.	2.6	19
75	Alkylation of Benzene with Cyclic Ethers in Superacidic Media. Catalysis Letters, 2003, 89, 1-9.	2.6	8
76	Enantioselective direct aldol addition of acetone to aliphatic aldehydes. Chirality, 2003, 15, S90-S96.	2.6	59
77	Hydrogenation of cinchona alkaloids over supported Pt catalyst. Chirality, 2003, 15, S82-S89.	2.6	24
78	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2003, 202, 163-170.	4.8	13
79	Investigations in chiral reactions: identification of new adducts in the reactions of ethyl pyruvate with acetic anhydride and pyridine. Rapid Communications in Mass Spectrometry, 2003, 17, 2849-2852.	1.5	2
80	98% Enantioselectivity in the asymmetric synthesis of a useful chiral building block by heterogeneous method: Enantioselective hydrogenation of ethyl-benzoylformate over cinchona modified Pt/Al2O3 catalysts in the acetic acid. Catalysis Communications, 2002, 3, 125-127.	3.3	63
81	Structural characterization of acetylpyridinium-ethyl pyruvate adducts by electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2002, 37, 1034-1038.	1.6	4
82	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2002, 177, 299-305.	4.8	51
83	Heterogeneous asymmetric reactions. Applied Catalysis A: General, 2002, 237, 275-280.	4.3	41
84	Electrospray Ionizationâ€"Mass Spectrometry in the Enantioselective Hydrogenation of Ethyl Pyruvate Catalyzed by Dihydrocinchonidine Modified Pt/Al2O3 in Acetic Acid. Journal of Catalysis, 2002, 205, 168-176.	6.2	68
85	Title is missing!. Catalysis Letters, 2002, 81, 55-62.	2.6	34
86	Title is missing!. Catalysis Letters, 2002, 81, 281-284.	2.6	22
87	Title is missing!. Reaction Kinetics and Catalysis Letters, 2002, 77, 363-370.	0.6	18
88	Catalytic Investigation of Quasi-Two-Dimensional Palladium Nanoparticles Encapsulated in Graphite. Langmuir, 2001, 17, 3776-3778.	3.5	6
89	Solvent and support effects in the case of acetic acid and alumina: Oxonium cations in asymmetric hydrogenation of ethyl pyruvate over dihydrocinchonidine modified platinum. Catalysis Communications, 2001, 2, 269-272.	3.3	12
90	Crotonaldehyde hydrogenation over clay-supported platinum catalysts. Journal of Molecular Catalysis A, 2001, 169, 235-246.	4.8	38

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91	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2001, 170, 165-173.	4.8	28
92	Shape-selective catalysts: quasi-two-dimensional Pd-particles encapsulated in graphite. Journal of Molecular Catalysis A, 2001, 175, 205-213.	4.8	16
93	Asymmetric reactions in sonochemistry. Ultrasonics Sonochemistry, 2001, 8, 191-200.	8.2	55
94	Stereoselective hydrogenation of 1-phenyl-1-pentyne over low-loaded Pd-montmorillonite catalysts. Applied Catalysis A: General, 2001, 213, 133-140.	4.3	39
95	Enantioselective Michael addition catalyzed by cinchona alkaloids. Chirality, 2001, 13, 614-618.	2.6	29
96	Heterogeneous asymmetric reactions. Part 24. Heterogeneous catalytic enantioselective hydrogenation of the C=N group over cinchona alkaloid modified palladium catalyst. Chirality, 2001, 13, 619-624.	2.6	16
97	Identification of new types of aluminium compounds by electrospray ionization mass spectrometry: oxonium cations. Rapid Communications in Mass Spectrometry, 2001, 15, 65-69.	1.5	20
98	Title is missing!. Catalysis Letters, 2001, 73, 127-131.	2.6	22
99	Effect of ion exchange by an organic cation on platinum immobilization on clays. Reaction Kinetics and Catalysis Letters, 2001, 74, 241-249.	0.6	9
100	Preparation, characterization and application of platinum catalysts immobilized on clays. Solid State Ionics, 2001, 141-142, 273-278.	2.7	9
101	Effect of coacid acidity on the cinchona-modified Pt-catalyzed enantioselective hydrogenations. Studies in Surface Science and Catalysis, 2000, 130, 3381-3386.	1.5	26
102	Mass Spectra of Iso-Cinchona- and Halogenated Cinchona Alkaloids. European Journal of Mass Spectrometry, 2000, 6, 347-355.	1.0	7
103	Identification of ethyl pyruvate and dihydrocinchonidine adducts by electrospray ionization mass spectrometry. , 2000, 14, 509-514.		35
104	New results on the mass spectra of cinchona alkaloids. Journal of Mass Spectrometry, 2000, 35, 711-717.	1.6	17
105	Heterogeneous asymmetric reactions. Applied Catalysis A: General, 2000, 203, 71-79.	4.3	67
106	Ultrasonics in chemoselective heterogeneous metal catalysis. Sonochemical hydrogenation of unsaturated carbonyl compounds over platinum catalysts. Ultrasonics Sonochemistry, 2000, 7, 173-176.	8.2	16
107	Sonochemical hydrosilylation of 2-substituted cyclohexanones in the presence of Wilkinson complex. Ultrasonics Sonochemistry, 2000, 7, 15-17.	8.2	5
108	Heterogeneous Asymmetric Reactions, 22. Î²-Isocinchona Alkaloids in Enantioselective Hydrogenations. Reaction Kinetics and Catalysis Letters, 2000, 71, 99-108.	0.6	18

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109	Asymmetric synthesis of alkyl 5-oxotetrahydrofuran-2-carboxylates by enantioselective hydrogenation of dialkyl 2-oxoglutarates over cinchona modified Pt/Al2O3 catalysts. Chemical Communications, 2000, , 555-556.	4.1	38
110	Preparation and Characterization of New Chirally Modified Laponites. Molecular Crystals and Liquid Crystals, 2000, 341, 339-344.	0.3	4
111	Homogeneous and heterogeneous asymmetric reactions. Part 13. Clay-supported noble metal catalysts in enantioselective hydrogenations. Studies in Surface Science and Catalysis, 1999, 125, 515-522.	1.5	15
112	Role of basic and acidic centers of MgO and modified MgO in catalytic transfer hydrogenation of ketones studied by infrared spectroscopy. Journal of Molecular Structure, 1999, 482-483, 13-17.	3.6	27
113	Homogeneous and heterogeneous asymmetric reactions. Part X: Enantioselective hydrogenations over K-10 montmorillonite supported noble metal catalysts with immobilized modifier1Part IX: B. TÃ¶rÃ¶k, J. WÃ¶lfling, Gy. Schneider, M. BartÃ³k, Asymmetric transfer hydrogenation of steroid 17-ketones in the presence of rhodium(I) complexes, React. Kinet. Catal. Lett. 64 (1998) 35.1. Applied Catalysis A: General, 1999, 182, 53-63.	4.3	33
114	Hydrogenation of unsaturated ketones: selective catalytic transfer hydrogenation of 5-hexen-2-one over MgO. Journal of Molecular Catalysis A, 1999, 148, 265-273.	4.8	40
115	Ultrasonics in heterogeneous metal catalysis: sonochemical chemo- and enantioselective hydrogenations over supported platinum catalysts. Ultrasonics Sonochemistry, 1999, 6, 97-103.	8.2	31
116	Homogeneous and heterogeneous asymmetric reactions: Part 11. Ultrasonics Sonochemistry, 1999, 5, 149-155.	8.2	41
117	Title is missing!. Catalysis Letters, 1999, 61, 1-5.	2.6	51
118	Title is missing!. Catalysis Letters, 1999, 59, 179-185.	2.6	41
119	Title is missing!. Catalysis Letters, 1999, 61, 57-60.	2.6	40
120	Catalytic transfer hydrogenation of 2-butanone over oxide catalysts. Reaction Kinetics and Catalysis Letters, 1999, 68, 197-205.	0.6	6
121	Heterogeneous asymmetric reactions, 14. Epicinchona alkaloids in the enantioselective hydrogenation of ethyl pyruvate over Pt/alumina. What determines the sense of enantioselection?. Reaction Kinetics and Catalysis Letters, 1999, 68, 371-377.	0.6	13
122	Ultrasonics in asymmetric syntheses. Sonochemical enantioselective hydrogenation of prochiral C=O groups over platinum catalysts. Chirality, 1999, 11, 470-474.	2.6	51
123	New synthesis of a useful C3 chiral building block by a heterogeneous method: enantioselective hydrogenation of pyruvaldehyde dimethyl acetal over cinchona modified Pt/Al2O3 catalysts. Chemical Communications, 1999, , 1725-1726.	4.1	54
124	Enantiodifferentiation in asymmetric sonochemical hydrogenations. Catalysis Letters, 1998, 52, 81-84.	2.6	115
125	Transformation of Vinyloxirane on Ptâ€“SiO2and Pdâ€“SiO2. Journal of Catalysis, 1998, 175, 40-47.	6.2	13
126	Chemoselective Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol over Pt/K-10 Catalyst. Journal of Catalysis, 1998, 179, 619-623.	6.2	75

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127	Ultrasonic irradiation as activity and selectivity improving factor in the hydrogenation of cinnamaldehyde over Pt/SiO2 catalysts. Applied Catalysis A: General, 1998, 172, 225-232.	4.3	52
128	The mechanism of hydrogenolysis and isomerization of oxacycloalkanes on metals. Journal of Molecular Catalysis A, 1998, 135, 307-316.	4.8	13
129	The active surface of silica-supported copper in the hydrogenative transformations of cyclohexene: The role and state of carbonaceous deposits. Applied Catalysis A: General, 1998, 166, 185-190.	4.3	2
130	A new cinchona-modified platinum catalyst for the enantioselective hydrogenation of pyruvate: the structure of the 1:1 alkaloidâ€"reactant complex. Chemical Communications, 1998, , 2605-2606.	4.1	50
131	Preparation, Characterization and Application of K-10 Montmorillonite Modified with Chiral Ammonium Halides. Molecular Crystals and Liquid Crystals, 1998, 311, 289-294.	0.3	16
132	Preparation of Transition Metal and Semiconductor Nanocrystallites in the Interlayered Space of Clay Minerals. Molecular Crystals and Liquid Crystals, 1998, 311, 333-338.	0.3	3
133	Transformations of Cyclohexene over Silica-Supported Copper in the Presence of Deuterium. Journal of Catalysis, 1997, 167, 215-223.	6.2	11
134	Transformation ofcis- andtrans-2,3-Dimethyloxiranes on a Pd/SiO2Catalyst. Journal of Catalysis, 1997, 167, 242-247.	6.2	3
135	Transformation ofcis- andtrans-2,3-Dimethyloxiranes on a Cu/SiO2Catalyst. Journal of Catalysis, 1997, 169, 114-119.	6.2	5
136	Sonochemical enantioselective hydrogenation of ethyl pyruvate over platinum catalysts. Ultrasonics Sonochemistry, 1997, 4, 301-304.	8.2	36
137	In SituGeneration of Palladium Nanoparticles in Smectite Clays. Journal of Catalysis, 1996, 161, 401-408.	6.2	81
138	Amorphous alloy catalysis IX. Isomerization and hydrogenation of allyl alcohol over an amorphous copper-zirconium alloy. Journal of Molecular Catalysis A, 1996, 112, 85-92.	4.8	11
139	Transformation of 1,3-, 1,4- and 1,5-diols over perfluorinated resinsulfonic acids (Nafion-H). Tetrahedron, 1995, 51, 3319-3326.	1.9	34
140	Transformation of carbon compounds on graphimet catalysts. Part V. The effect of pretreatment on the structure and activity of Pt-graphimet catalyst. Journal of Molecular Catalysis A, 1995, 99, 115-121.	4.8	10
141	Hydrogen pressure dependence in the ring-opening reactions of propylcyclobutane over Pd/SiO2 catalyst. Catalysis Letters, 1995, 31, 421-429.	2.6	12
142	Temperature and hydrogen pressure dependences in the ring opening of methylcyclobutane over Pt/SiO2 catalyst. Catalysis Letters, 1995, 33, 321-330.	2.6	6
143	Hydrogenative ring opening of propylcyclopropane over silica-supported Pt and Pd catalysts. Catalysis Letters, 1995, 33, 331-339.	2.6	8
144	Dehydration of 2-propanol over Cuî—¸Ti metallic glasses: effect of pretreatments and reaction on the structure and surface properties. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1994, 181-182, 1095-1098.	5.6	9

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145	Transformation of 1,2-diols over perfluorinated resinsulfonic acids (Nafion-H). Tetrahedron, 1994, 50, 8195-8202.	1.9	43
146	Ring enlargement and aromatization of propylcyclobutane over silica-supported Pt, Pd and Rh in hydrogen atmosphere. Journal of Molecular Catalysis, 1994, 91, 61-69.	1.2	9
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