

1. B. Török, **Gy. Szöllösi**, M. Rózsa-Tarjáni, M. Bartók.
Preparation, Characterization and Application of K-10 Montmorillonite Modified with Chiral Ammonium•X(X=Cl, Br) Salts.
[9th International Symposium on Intercalation Compounds, 1997, Bordeaux-Arcachon \(France\)](#).
2. **Gy. Szöllösi**, M. Bartók.
Hydrogenation of α,β -unsaturated Carbonil Compounds on Modified Pt/SiO₂ Catalyst.
[Conference of the Hungarian Chemical Society, P95, 1997, Siófok \(Hungary\)](#).
3. B. Kozma, L. Wojnárovits, **Gy. Szöllösi**, M. Bartók.
YBaCuO Superconductor Type Oxides in Organic Catalysis.
[Conference of the Hungarian Chemical Society, P108, 1997, Siófok \(Hungary\)](#).
4. **Gy. Szöllösi**, B. Török, M. Bartók.
Monitoring of Optical Isomers of Chiral Alcohols and Derivatives by Chiral Gas-Chromatography. Effect of Derivatization on the Enantiodifferentiation.
[Balaton Symposium'97 on High-Performance Separation Methods, P141, 1997, Siófok \(Hungary\)](#).
5. **Gy. Szöllösi**, B. Török, K. Felföldi, K. Balázsik, G. Szakonyi, M. Bartók.
Ultrasonic in Heterogeneous Metal Catalysis. Sonochemical Chemo- and Enantioselective Hydrogenations over Platinum Catalysts.
[6th Meeting of the European Society of Sonochemistry, p. 70, 1998, Rostock-Warnemünde \(Germany\)](#).
6. **Gy. Szöllösi**, M. Bartók.
Effect of MgO Modification on Catalytic Transfer Hydrogenation of Ketones.
[4th Pannonian International Symposium on Catalysis, P56, 1998, Smolenice \(Slovak Republic\)](#).
7. I. Kun, **Gy. Szöllösi**, B. Török, M. Bartók.
Sonochemical Hydrogenation of Cinnamaldehyde over Pt/SiO₂ Catalysts.
[4th Pannonian International Symposium on Catalysis, P39, 1998, Smolenice \(Slovak Republic\)](#).
8. **Gy. Szöllösi**, B. Török, K. Felföldi, K. Szőri, M. Bartók.
Application of Nonchiral Derivatization in the Separation of Optical Isomers of Asymmetric Hydroxy Compounds by Chiral Gas-Chromatography.
[ACE'98 International Symposium on Advances in Chromatography, Electrophoresis and Related Separation Methods, 1998, Szeged \(Hungary\)](#).
9. K. Balázsik, B. Török, **Gy. Szöllösi**, G. Szakonyi, M. Bartók.
New Chirally Modified Clays in Enantioselective Heterogeneous Catalysis. Preparation and Application of Montmorillonite Supported Chiral Noble Metal Catalysts.
[9th International Symposium on Relations between Homogeneous and Heterogeneous Catalysis, P82, 1998, Southampton \(United Kingdom\)](#).
10. **Gy. Szöllösi**, M. Bartók.
Role of basic and acidic centers of MgO and modified MgO in catalytic transfer hydrogenation of ketones studied by infrared spectroscopy.
[XXIV European Congress on Molecular Spectroscopy, P E49, 384 p., 1998, Prague, \(Czech Republic\)](#).

11. B. Török, K. Balázsik, **Gy. Szöllösi**, K. Felföldi, M. Bartók.
Ultrasonics in Asymmetric Synthesis. Sonochemical Enantioselective Hydrogenation of Prochiral C=O Groups over Platinum Catalysts.
[Tenth International Symposium on Chiral Discrimination, 1998, Vienna \(Austria\).](#)
12. B. Török, K. Balázsik, M. Török, **Gy. Szöllösi**, M. Bartók, M. Studer, S. Neto.
Asymmetric Sonochemical Reactions. Enantioselective Hydrogenation of α -ketoesters over Platinum Catalysts.
[2nd Conference in Applications of Power Ultrasound in Physical and Chemical Processing, 1999, Toulouse \(France\).](#)
13. **Gy. Szöllösi**, I. Kun, B. Török, M. Bartók.
Ultrasonics in Chemoselective Heterogeneous Metal Catalysis. Sonochemical Hydrogenation of Unsaturated Carbonyl Compounds over Platinum Catalysts.
[2nd Conference in Applications of Power Ultrasound in Physical and Chemical Processing, 1999, Toulouse \(France\).](#)
14. B. Török, K. Balázsik, I. Kun, **Gy. Szöllösi**, G. Szakonyi, M. Bartók.
Homogeneous and Heterogeneous asymmetric reactions. Part 13. Clay-supported noble metal catalysts in enantioselective hydrogenations.
[1st International FEZA Conference, 1999, O17, Eger \(Hungary\).](#)
15. **Gy. Szöllösi**, I. Kun, B. Török, M. Bartók:
Chemoselective Hydrogenation of the C=O Group in Unsaturated Aldehydes over Supported Platinum Catalysts.
[1st International FEZA Conference, 1999, P38, Eger \(Hungary\).](#)
16. **Gy. Szöllösi**.
Vapour-phase catalytic transfer hydrogenation of ketones over oxide catalysts.
[Hungarian Catalytic Days '99.](#)
17. **Gy. Szöllösi**, M. Bartók.
Catalytic Transfer Hydrogenation over Basic Oxides.
[5th Pannonian International Symposium on Catalysis, 2000, O16, Kazimierz Dolny nad Wisla \(Poland\).](#)
18. Á. Mastalir, J. Walter, **Gy. Szöllösi**, F. Notheisz, M. Bartók.
Palladium nanoparticles Encapsulated in Graphite as Shape Selective Catalysts.
[5th Pannonian International Symposium on Catalysis, 2000, P35, Kazimierz Dolny nad Wisla \(Poland\).](#)
19. B. Weisz, **Gy. Szöllösi**, Á. Mastalir, Z. Király, M. Bartók, I. Dékány.
Clay-Supported Noble Metal Catalysts, Preparation and Application.
[5th Pannonian International Symposium on Catalysis, 2000, P36, Kazimierz Dolny nad Wisla \(Poland\).](#)
20. **Gy. Szöllösi**, I. Kun, Á. Mastalir, M. Bartók, I. Dékány.
Preparation, characterization and application of platinum catalysts immobilized on clays.
[XIVth International Symposium on the Reactivity of Solids, 2000, O49, Budapest \(Hungary\).](#)
21. **Gy. Szöllösi**, M. Bartók.
New Insight in the Enantioselective Michael Addition Catalyzed by Chiral Organic Bases.
[ISCD 12 Chirality 2000, The International Symposium on Chirality, 2000, C-44, Chamonix Mont-Blanc \(France\).](#)

22. **Gy. Szöllösi**, I. Kun, M. Bartók.
Heterogeneous Catalytic Enantioselective Hydrogenation of the C=N Group over Cinchona Alkaloid Modified Palladium Catalyst.
[ISCD 12 Chirality 2000, The International Symposium on Chirality, 2000, C-45, Chamonix Mont-Blanc \(France\).](#)
23. **Á. Mastalir**, Z. Király, **Gy. Szöllösi**, M. Bartók.
Stereoselective Alkyne Hydrogenation over Low-loaded, Organophilic Pd-Montmorillonite Catalysts.
[11th International Symposium on Intercalation Compounds, 2001, PII-16, Moscow \(Russia\).](#)
24. **Á. Mastalir**, M. Bartók, **Gy. Szöllösi**, Z. Király, Zs. Rázga.
Preparation of dihydrocinchonidine modified platinum nanoparticles immobilized in swelling clay minerals.
[11th International Symposium on Intercalation Compounds, 2001, PII-17, Moscow \(Russia\).](#)
25. **Á. Mastalir**, Z. Király, **Gy. Szöllösi**, M. Bartók.
Stereoselective Alkyne Hydrogenation over Low-loaded, Pd-Montmorillonite Catalysts.
[17th North American Catalysis Society Meeting, 2001, 88, Toronto \(Canada\).](#)
26. **Gy. Szöllösi**, **Á. Mastalir**, M. Bartók, I. Dékány.
Platinum Immobilization on Clays. Preparation and Application in Heterogeneous Catalytic Hydrogenations.
[17th North American Catalysis Society Meeting, 2001, P-1, Toronto \(Canada\).](#)
27. **Gy. Szöllösi**, M. Bartók.
Enantioselective Michael addition in the presence of cinchona alkaloids.
[Conference of the Hungarian Chemical Society, P-83, 2001, Hajdúszoboszló, \(Hungary\).](#)
28. **Gy. Szöllösi**, M. Bartók.
Hydrogenation of Cinchona Alkaloids over Supported Pt Catalyst.
[14th International Symposium on Chirality, P G12, 2002, Hamburg, \(Germany\).](#)
29. **Gy. Szöllösi**, K. Szőri, M. Bartók.
Stereoselective Hydrogenation of Optically Pure Trifluoroacetyl Compounds.
[14th International Symposium on Chirality, P G14, 2002, Hamburg, \(Germany\).](#)
30. **Gy. Szöllösi**, P. Forgó, M. Bartók.
Enantiomeric Separation of Cyclic Hydroxyesters and Their Derivatives over Cyclodextrin Columns.
[14th International Symposium on Chirality, P G13, 2002, Hamburg, \(Germany\).](#)
31. **Gy. Szöllösi**, G. London, M. Bartók.
Enantioselective Direct Aldol Addition of Acetone to Aliphatic Aldehydes.
[14th International Symposium on Chirality, P G11, 2002, Hamburg, \(Germany\).](#)
32. **Gy. Szöllösi**, K. Szőri, M. Bartók.
Asymmetric Michael addition over heterogenized cinchona alkaloid catalyst.
[6th International Symposium on Catalysis Applied to Fine Chemicals, P159, 2003, Delft, \(Netherlands\).](#)
33. **Gy. Szöllösi**, A. Chatterjee, P. Forgó, M. Bartók, F. Mizukami.
Configuration of C(4') chiral center in hexahydrocinchonidine diastereomers.
[15th International Symposium on Chirality, PA-27, 2003, Shizuoka, \(Japan\).](#)

34. Gy. Szöllősi, S. Niwa, T. Hanaoka, F. Mizukami.
Heterogeneous enantioselective hydrogenation of α,β -unsaturated carboxylic acids over Pd catalyst in presence of cinchonidine.
[15th International Symposium on Chirality, PB-67, 2003, Shizuoka, \(Japan\).](#)
35. K. Szőri, **Gy. Szöllősi**, M. Bartók.
Enantioselective Heterogeneous Catalytic Hydrogenation of Ethyl 2-Fluoroacetoacetate.
[7th International Symposium on Catalysis Applied to Fine Chemicals, E3, 2005, Bingen/Mainz, \(Germany\).](#)
36. T. Varga, K. Balázsik, **Gy. Szöllősi**, M. Bartók.
Enantioselective Hydrogenation of Unsaturated Carboxylic Acids over Supported Palladium Catalyst.
[7th International Symposium on Catalysis Applied to Fine Chemicals, E4, 2005, Bingen/Mainz, \(Germany\).](#)
37. Gy. Szöllősi.
Heterogeneous enantioselective hydrogenations over cinchona alkaloids modified metal catalysts.
[HAS Organic and Biomolecular Committee and HCS Organic and Pharmaceutical Division, Eötvös Loránt University, Budapest, Hungary, 2006.](#)
38. Gy. Szöllősi, B. Hermán, F. Fülöp, M. Bartók.
Enantioselective hydrogenations over cinchona alkaloids modified catalysts in H-Cube high pressure continuous flow system.
[Minisymposium of the Combinatorial Chemistry Division of the Hungarian Chemical Society, Budapest, Hungary, 2006.](#)
39. B. Hermán, **Gy. Szöllősi**.
Enantioselective hydrogenations over chirally modified heterogeneous catalysts in continuous system.
[„XXIX. Kémiai Előadói Napok”, Szeged, Hungary, 2006. october 30-31.](#)
40. Gy. Szöllősi.
Enantioselective hydrogenation of prochiral C-C double bond containing compounds.
[„A Magyar Tudomány Ünnepe” minisymposium organized by the Hungarian Academy of Sciences and the Hungarian Chemical Society, Szeged, november, 2006, Hungary.](#)
41. B. Hermán, **Gy. Szöllősi**, K. Felföldi, F. Fülöp, M. Bartók.
Enantioselective hydrogenation of α,β -diaryl substituted acrylic acid derivatives.
[Conference of the Hungarian Chemical Society, SZ-P-22, 2007, Sopron, \(Hungary\).](#)
42. Gy. Szöllősi, K. Szőri, B. Hermán, Sz. Cserényi, K. Felföldi, F. Fülöp, M. Bartók.
Scope of the Cinchona Alkaloids-Modified Palladium Catalysts in Enantioselective Hydrogenation of Unsaturated Carboxylic Acids.
[Europacat VIII, O5-13, 2007, Turku/Abo, \(Finland\).](#)
43. K. Balázsik, Sz. Cserényi, **Gy. Szöllősi**, M. Bartók.
Enantioselective Hydrogenations of Activated Ketones on Pt-Cinchona alkaloid catalyst: effect of modifiers and substrates on enantiomeric excess.
[Europacat VIII, P5-65, 2007, Turku/Abo, \(Finland\).](#)
44. B. Hermán, **Gy. Szöllősi**, K. Felföldi, F. Fülöp, M. Bartók.
Enantioselective hydrogenation of methoxy- and fluorine-substituted α -phenylcinnamic acids derivatives over chirally modified heterogeneous catalyst.
[Conference of the Hungarian Chemical Society, P-29, 2008, Hajdúszoboszló, \(Hungary\).](#)

45. **Gy. Szöllősi**, B. Hermán, K. Felföldi, F. Fülöp, M. Bartók.
Heterogeneous Enantioselective Hydrogenations of Heteroaromatic Analogs of (*E*)- α -Phenylcinnamic Acid.
[Tenth International Symposium on Heterogeneous Catalysis, P35, 2008, Varna, \(Bulgaria\).](#)
46. **Gy. Szöllősi**, Zs. Makra, M. Bartók.
Effect of Amine Additives on the Heterogeneous Enantioselective Hydrogenations of Aliphatic α,β -Unsaturated Carboxylic Acids.
[Tenth International Symposium on Heterogeneous Catalysis, P36, 2008, Varna, \(Bulgaria\).](#)
47. **Gy. Szöllősi**, B. Hermán, F. Fülöp, M. Bartók.
Effect of Modifier Structure on the Enantioselective Hydrogenation of Substituted (*E*)-2,3-Diphenylpropenoic Acids over Palladium Catalyst.
[EuropaCat IX Catalysis for a Sustainable World, P2-73, 2009, Salamanca, \(Spain\).](#)
48. K. Balázsik, K. Szőri, Sz. Cserényi, **Gy. Szöllősi**, M. Bartók.
Unexpected inversion of enantioselectivity in the Orito reaction: 2,2,2-trifluoroacetophenone hydrogenation.
[EuropaCat IX Catalysis for a Sustainable World, P2-89, 2009, Salamanca, \(Spain\).](#)
49. A. Mayer, M. Sipiczki, **Gy. Szöllősi**, J. T. Kiss, I. Pálinkó.
Synthesis, structural characterization and some applications of immobilized organocatalysts.
[EUCMOS 2010, PS1-96, 2010, Florence, \(Italy\).](#)
50. Zs. Makra, **Gy. Szöllősi**, M. Bartók.
Enantioselective hydrogenation of unsaturated carboxylic acids over heterogeneous catalysts in the presence of amine additives.
[Hungarian Chemical society, 1st National Conference, P-103, 2011, Sopron \(Hungary\).](#)
51. Zs. Makra, **Gy. Szöllősi**, M. Bartók.
Heterogeneous enantioselective hydrogenation in a continuous-flow fixed-bed reactor system.
[11th Pannonian International Symposium on Catalysis, PA188, 2012, Obergurgl, \(Austria\).](#)
52. K. Szőri, **Gy. Szöllősi**, M. Bartók.
Enantioselective hydrogenation of α,β -unsaturated acids on graphene-supported palladium catalysts.
[11th Pannonian International Symposium on Catalysis, PA173, 2012, Obergurgl, \(Austria\).](#)
53. **Gy. Szöllősi**, Zs. Makra, L. Kovács, M. Bartók.
Heterogeneous catalytic cascade reaction for the enantioselective preparation of hydroquinoline derivatives.
[Chemistry Conference of the Hungarian Chemical Society, O-18, 2013, Hajdúszoboszló, \(Hungary\).](#)
54. M. Fekete, **Gy. Szöllősi**, Cs. Somlai, M. Bartók.
Asymmetric aldol reactions catalyzed by L-prolin terminal heterogenized peptides.
[Chemistry Conference of the Hungarian Chemical Society, P-18, 2013, Hajdúszoboszló, \(Hungary\).](#)
55. **Gy. Szöllősi**, Zs. Makra, L. Kovács, F. Fülöp, M. Bartók.
Heterogeneous Asymmetric Catalytic Cascade Reaction for the Preparation of 3-Hydroxy-3,4-dihydroquinolin-2(1*H*)-ones.
[Europacat XI, S2-T6-OR-03, 2013, Lyon, \(France\).](#)

56. Gy. Szöllősi, T. Sztojev.
Asymmetric Michael-addition Catalyzed by Simple Primary Amine Organocatalysts.
[Chirality 2014, P-179, 2014, Prague, \(Czech Republic\).](#)
57. Gy. Szöllősi, L. Kovács.
Cinchona Alkaloid Catalysts in the Asymmetric Michael-addition of Fluorinated C-nucleophile to β -Nitrostyrene.
[Chirality 2014, P-180, 2014, Prague, \(Czech Republic\).](#)
58. T. Firkala, E. Tálás, J. Mihály, S. Kristyán, E. Drotár, **Gy. Szöllősi**.
Surface Enhanced Raman Spectroscopy (SERS) behavior of propenoic acids.
[Surface-Enhanced Spectroscopies 2014 \(SES 2014\), p 29, 2014, Chemnitz, \(Germany\).](#)
59. Gy. Szöllősi, L. Kovács, Zs. Makra, K. Szőri, M. Bartók.
Enantioselective cascade reactions catalyzed by chirally modified metal surfaces.
[12th Pannonian International Symposium on Catalysis, K2, 2014, Trest, \(Czech Republic\).](#)
60. A. Gurka, **Gy. Szöllősi**, M. Bartók.
Continuous-flow enantioselective aldol addition reactions catalyzed by immobilized oligopeptides.
[2nd National Conference of the Hungarian Chemical Society, SZ-P-8, 2015, Hajdúszoboszló, \(Hungary\).](#)
61. L. Kovács, **Gy. Szöllősi**, F. Fülöp.
Reaction of 2-nitrophenylpyruvic esters over Pt catalyst modified by cinchonidine in flow system.
[2nd National Conference of the Hungarian Chemical Society, SZ-P-16, 2015, Hajdúszoboszló, \(Hungary\).](#)
62. A. Gurka, **Gy. Szöllősi**, M. Bartók.
Continuous-flow enantioselective aldol additions over immobilized oligopeptides.
[Eleventh International Symposium on Heterogeneous Catalysis, 2015, P48, Varna, \(Bulgaria\).](#)
63. E. Tálás, **Gy. Szöllősi**, S. Kristyán, T. Firkala, J. Mink, J. Mihály.
Surface Enhanced Raman Spectroscopic (SERS) behavior of phenylpyruvates.
[33rd European Congress on Molecular Spectroscopy \(EUCMOS 2016\), P102, 2016, Szeged, \(Hungary\).](#)
64. Gy. Szöllősi, L. Kovács, V. Kozma, V. J. Kolcsár.
Asymmetric Michael-addition catalyzed by a cinchona alkaloid derivative non-covalently immobilized over layered materials.
[13th Pannonian International Symposium on Catalysis, 2016, P40, Siófok, \(Hungary\).](#)
65. Gy. Szöllősi, D. Gombkötő, A. Mogyorós.
Michael-addition of aldehydes to nitroolefins catalyzed by amino acids on metal oxides, a surface-improved asymmetric reaction.
[13th Pannonian International Symposium on Catalysis, 2016, P41, Siófok, \(Hungary\).](#)