

György Szűllősi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9297295/publications.pdf>

Version: 2024-02-01

120
papers

2,693
citations

159358
30
h-index

264894
42
g-index

120
all docs

120
docs citations

120
times ranked

1362
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemoselective Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol over Pt/K-10 Catalyst. Journal of Catalysis, 1998, 179, 619-623.	3.1	75
2	Asymmetric one-pot reactions using heterogeneous chemical catalysis: recent steps towards sustainable processes. Catalysis Science and Technology, 2018, 8, 389-422.	2.1	71
3	Electrospray Ionization-Mass Spectrometry in the Enantioselective Hydrogenation of Ethyl Pyruvate Catalyzed by Dihydrocinchonidine Modified Pt/Al ₂ O ₃ in Acetic Acid. Journal of Catalysis, 2002, 205, 168-176.	3.1	68
4	Asymmetric sonochemical reactions. Enantioselective hydrogenation of α -ketoesters over platinum catalysts. Ultrasonics Sonochemistry, 2000, 7, 151-155.	3.8	62
5	Enantioselective direct aldol addition of acetone to aliphatic aldehydes. Chirality, 2003, 15, S90-S96.	1.3	59
6	Preparation of Organophilic Pd-Montmorillonite, An Efficient Catalyst in Alkyne Semihydrogenation. Journal of Catalysis, 2000, 194, 146-152.	3.1	57
7	Unexpected change of the sense of the enantioselective hydrogenation of ethyl pyruvate catalyzed by a Pt-alumina-cinchona alkaloid system. Chemical Communications, 2002, , 1130-1131.	2.2	55
8	Increased enantioselectivity in the presence of benzylamine in the heterogeneous hydrogenation of α,β -unsaturated carboxylic acids. Journal of Catalysis, 2005, 231, 480-483.	3.1	53
9	Ultrasonic irradiation as activity and selectivity improving factor in the hydrogenation of cinnamaldehyde over Pt/SiO ₂ catalysts. Applied Catalysis A: General, 1998, 172, 225-232.	2.2	52
10	Title is missing!. Catalysis Letters, 1999, 61, 1-5.	1.4	51
11	Ultrasonics in asymmetric syntheses. Sonochemical enantioselective hydrogenation of prochiral C=O groups over platinum catalysts. Chirality, 1999, 11, 470-474.	1.3	51
12	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2002, 177, 299-305.	4.8	51
13	Vapour-phase heterogeneous catalytic transfer hydrogenation of alkyl methyl ketones on MgO: Prevention of the deactivation of MgO in the presence of carbon tetrachloride. Applied Catalysis A: General, 1998, 169, 263-269.	2.2	48
14	Enantioselective hydrogenation of ethyl pyruvate catalysed by cinchonine-modified Pt/Al ₂ O ₃ : tilted adsorption geometry of cinchonine. Catalysis Letters, 2005, 100, 161-167.	1.4	45
15	Up to 96% Enantioselectivities in the Hydrogenation of Fluorine Substituted (<i>E</i>)-2,3-Diphenylpropenoic Acids over Cinchonidine-Modified Palladium Catalyst. Advanced Synthesis and Catalysis, 2008, 350, 2804-2814.	2.1	45
16	Enantioselective hydrogenation of ethyl pyruvate catalyzed by - and -isocinchonine-modified Pt/AlO in toluene: inversion of enantioselectivity. Journal of Catalysis, 2005, 231, 33-40.	3.1	43
17	Title is missing!. Catalysis Letters, 1999, 59, 179-185.	1.4	41
18	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.	3.1	41

#	ARTICLE	IF	CITATIONS
19	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
20	Title is missing!. Catalysis Letters, 1999, 61, 57-60.	1.4	40
21	Stereoselective hydrogenation of 1-phenyl-1-pentyne over low-loaded Pd-montmorillonite catalysts. Applied Catalysis A: General, 2001, 213, 133-140.	2.2	39
22	Crotonaldehyde hydrogenation over clay-supported platinum catalysts. Journal of Molecular Catalysis A, 2001, 169, 235-246.	4.8	38
23	Palladium Nanoparticle-Graphene Catalysts for Asymmetric Hydrogenation. Catalysis Letters, 2013, 143, 539-546.	1.4	37
24	Dynamic Kinetic Resolution overCinchona-Modified Platinum Catalyst: Hydrogenation of Racemic Ethyl 2-Fluoroacetoacetate. Advanced Synthesis and Catalysis, 2006, 348, 515-522.	2.1	36
25	Enantioselective hydrogenation of itaconic acid over cinchona alkaloid modified supported palladium catalyst. Applied Catalysis A: General, 2007, 319, 193-201.	2.2	36
26	Identification of ethyl pyruvate and dihydrocinchonidine adducts by electrospray ionization mass spectrometry. , 2000, 14, 509-514.		35
27	Enantioselective hydrogenation of α,β -unsaturated carboxylic acids over cinchonidine-modified Pd catalysts: effect of substrate structure on the adsorption mode. Journal of Molecular Catalysis A, 2005, 230, 91-95.	4.8	35
28	Inversion of enantioselectivity in the hydrogenation of ketopantolactone on a Pt- β -ICN chiral catalyst. Journal of Catalysis, 2006, 239, 74-82.	3.1	34
29	Preparation of Pt nanoparticles in the presence of a chiral modifier and catalytic applications in chemoselective and asymmetric hydrogenations. Journal of Materials Chemistry, 2005, 15, 2464.	6.7	32
30	Continuous enantioselective hydrogenation of activated ketones on a pt-cd chiral catalyst: use of h-cube reactor system. Reaction Kinetics and Catalysis Letters, 2006, 88, 391-398.	0.6	32
31	Ultrasonics in heterogeneous metal catalysis: sonochemical chemo- and enantioselective hydrogenations over supported platinum catalysts. Ultrasonics Sonochemistry, 1999, 6, 97-103.	3.8	31
32	Hydrogenation reactions on heterogenized Wilkinson complexes. Journal of Molecular Catalysis A, 1999, 139, 227-234.	4.8	30
33	Enantioselective hydrogenation of α,β -unsaturated carboxylic acids in fixed-bed reactor. Applied Catalysis A: General, 2007, 331, 39-43.	2.2	30
34	Enantioselective Michael addition catalyzed by cinchona alkaloids. Chirality, 2001, 13, 614-618.	1.3	29
35	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
36	Heterogeneous asymmetric reactions. Journal of Molecular Catalysis A, 2001, 170, 165-173.	4.8	28

#	ARTICLE	IF	CITATIONS
37	C9-O-substituted derivatives of cinchona alkaloids as chiral modifiers in the Orito-reaction: Effects of structure of modifiers on sense of enantioselectivity. <i>Journal of Molecular Catalysis A</i> , 2006, 247, 108-115.	4.8	28
38	Role of basic and acidic centers of MgO and modified MgO in catalytic transfer hydrogenation of ketones studied by infrared spectroscopy. <i>Journal of Molecular Structure</i> , 1999, 482-483, 13-17.	1.8	27
39	Inversion of enantioselectivity in the 2,2,2-trifluoroacetophenone hydrogenation over Pt-alumina catalyst modified by cinchona alkaloids. <i>Applied Catalysis A: General</i> , 2009, 362, 178-184.	2.2	27
40	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. <i>Applied Catalysis A: General</i> , 2010, 382, 263-271.	2.2	27
41	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. <i>Journal of Molecular Catalysis A</i> , 2009, 305, 155-160.	4.8	25
42	Preparation and characterization of platinum nanoparticles immobilized in dihydrocinchonidine-modified montmorillonite and hectorite. <i>Applied Clay Science</i> , 2002, 22, 9-16.	2.6	24
43	Hydrogenation of cinchona alkaloids over supported Pt catalyst. <i>Chirality</i> , 2003, 15, S82-S89.	1.3	24
44	The first case of competitive heterogeneously catalyzed enantioselective hydrogenation of ketones. <i>Chemical Communications</i> , 2011, 47, 1551-1552.	2.2	24
45	Enantioselective hydrogenation of fluorinated unsaturated carboxylic acids over cinchona alkaloid modified palladium catalysts. <i>Catalysis Communications</i> , 2008, 9, 421-424.	1.6	23
46	Inversion of the Enantioselectivity in the Hydrogenation of (<i>E</i>)-2,3-diphenylpropenoic Acids over Pd Modified by Cinchonidine Silyl Ethers. <i>ACS Catalysis</i> , 2011, 1, 1316-1326.	5.5	23
47	Surface-Improved Asymmetric Michael Addition Catalyzed by Amino Acids Adsorbed on Laponite. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1992-2004.	2.1	23
48	Cinchona methyl ethers as modifiers in the enantioselective hydrogenation of (<i>E</i>)-2,3-diphenylpropenoic acids over Pd catalyst. <i>Journal of Catalysis</i> , 2010, 276, 259-267.	3.1	22
49	Enantioselective Hydrogenation of <i>N</i> -Acetyldehydroamino Acids over Supported Palladium Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 405-410.	2.1	21
50	Hydrogenation of α,β -unsaturated ketones on metal catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1996, 57, 29-36.	0.6	20
51	Identification of new types of aluminium compounds by electrospray ionization mass spectrometry: oxonium cations. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 65-69.	0.7	20
52	Methylethers of cinchona alkaloids in Pt-catalyzed hydrogenation of ethyl pyruvate and ketopantolactone: Effect of stereochemical factors on the enantioselectivity. <i>Journal of Molecular Catalysis A</i> , 2008, 280, 87-95.	4.8	19
53	Enantioselective hydrogenation of ketopantolactone using Pt- β -ICN chiral catalyst: Correlation between the solution-state concentration of a nucleophilic β -isocinchonine-ketopantolactone complex and enantioselectivity. <i>Journal of Catalysis</i> , 2008, 255, 296-303.	3.1	19
54	Preparation and Characterization of TiO ₂ Coated Multi-walled Carbon Nanotube-supported Pd and its Catalytic Performance in the Asymmetric Hydrogenation of α,β -Unsaturated Carboxylic Acids. <i>Catalysis Letters</i> , 2009, 132, 370-376.	1.4	19

#	ARTICLE	IF	CITATIONS
55	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. <i>Catalysis Letters</i> , 2010, 134, 264-269.	1.4	19
56	Heterogeneous Asymmetric Reactions, 22. \hat{I}^2 -Isocinchona Alkaloids in Enantioselective Hydrogenations. <i>Reaction Kinetics and Catalysis Letters</i> , 2000, 71, 99-108.	0.6	18
57	New phenomenon in competitive hydrogenation of binary mixtures of activated ketones over unmodified and cinchonidine-modified Pt/alumina catalyst. <i>Catalysis Communications</i> , 2011, 12, 1410-1414.	1.6	18
58	Preparation of Optically Enriched 3-Hydroxy-3,4-dihydroquinolin-2(1H)-ones by Heterogeneous Catalytic Cascade Reaction over Supported Platinum Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1623-1629.	2.1	18
59	Highly Enantioselective Transfer Hydrogenation of Prochiral Ketones Using Ru(II)-Chitosan Catalyst in Aqueous Media. <i>ChemCatChem</i> , 2019, 11, 820-830.	1.8	18
60	New results on the mass spectra of cinchona alkaloids. <i>Journal of Mass Spectrometry</i> , 2000, 35, 711-717.	0.7	17
61	Reversal of the ee in enantioselective hydrogenation of activated ketones in continuous-flow fixed-bed reactor system. <i>Catalysis Communications</i> , 2010, 12, 14-19.	1.6	17
62	Heterogeneous Enantioselective Hydrogenation in a Continuous-flow Fixed-bed Reactor System: Hydrogenation of Activated Ketones and Their Binary Mixtures on Pt-Alumina-Cinchona Alkaloid Catalysts. <i>Catalysis Letters</i> , 2012, 142, 889-894.	1.4	17
63	1,2-Diamine-Derived (thio)Phosphoramidate Organocatalysts in Asymmetric Michael Additions. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2444-2458.	2.1	17
64	Preparation, Characterization and Application of K-10 Montmorillonite Modified with Chiral Ammonium Halides. <i>Molecular Crystals and Liquid Crystals</i> , 1998, 311, 289-294.	0.3	16
65	Ultrasonics in chemoselective heterogeneous metal catalysis. Sonochemical hydrogenation of unsaturated carbonyl compounds over platinum catalysts. <i>Ultrasonics Sonochemistry</i> , 2000, 7, 173-176.	3.8	16
66	Heterogeneous asymmetric reactions. Part 24. Heterogeneous catalytic enantioselective hydrogenation of the C=N group over cinchona alkaloid modified palladium catalyst. <i>Chirality</i> , 2001, 13, 619-624.	1.3	16
67	New Data on the Orito Reaction: Effect of Substrate Structure on Nonlinear Phenomenon. <i>Catalysis Letters</i> , 2008, 125, 401-407.	1.4	16
68	Enantioselective hydrogenation of arecaidine over cinchona alkaloid-modified palladium catalyst: A novel route to enantioenriched nipecotic acid derivatives. <i>Journal of Catalysis</i> , 2008, 256, 349-352.	3.1	16
69	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. <i>Catalysis Letters</i> , 2011, 141, 1616-1620.	1.4	16
70	Unusual enantioselectivities in heterogeneous organocatalyzed reactions: Reversal of direction using proline di- versus tri-peptides in the aldol addition. <i>Journal of Molecular Catalysis A</i> , 2014, 382, 86-92.	4.8	16
71	Design of Heterogeneous Organocatalyst for the Asymmetric Michael Addition of Aldehydes to Maleimides. <i>ChemCatChem</i> , 2018, 10, 4362-4368.	1.8	15
72	Organocatalytic direct aldol reaction between acetone and \hat{I}^\pm -substituted \hat{I}^2 -keto esters. <i>Journal of Molecular Catalysis A</i> , 2007, 267, 98-101.	4.8	14

#	ARTICLE	IF	CITATIONS
73	A new rigid cinchona modified ($\hat{1}\pm$ -IQ) platinum catalyst for the enantioselective hydrogenation of activated ketones: Data to the origin of enantioselection. <i>Journal of Molecular Catalysis A</i> , 2007, 272, 265-274.	4.8	14
74	Enantioselective hydrogenation of (E)-2-methyl-2-butenic acid over cinchonidine modified Pd catalyst. Effect of the structure of achiral amine additives. <i>Reaction Kinetics and Catalysis Letters</i> , 2009, 96, 319-325.	0.6	14
75	Reactions of chlorine substituted (E)-2,3-diphenylpropenoic acids over cinchonidine-modified Pd: Enantioselective hydrogenation versus hydrodechlorination. <i>Journal of Molecular Catalysis A</i> , 2010, 333, 28-36.	4.8	14
76	Nitrogen-Containing Heterocycles as Significant Molecular Scaffolds for Medicinal and Other Applications. <i>Molecules</i> , 2021, 26, 4617.	1.7	14
77	Heterogeneous asymmetric reactions, 14. Epicinchona alkaloids in the enantioselective hydrogenation of ethyl pyruvate over Pt/alumina. What determines the sense of enantioselection?. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 68, 371-377.	0.6	13
78	Structure-Property Relationship in py-Hexahydrocinchonidine Diastereomers: Ab Initio and NMR Study. <i>Journal of Physical Chemistry A</i> , 2005, 109, 860-868.	1.1	13
79	Hydrogenation of (E)-2-methyl-2-butenic acid over cinchona-modified Pd catalyst in the presence of achiral amines: Solvent and modifier effect. <i>Catalysis Communications</i> , 2014, 46, 113-117.	1.6	13
80	Reversal of Enantioselectivity in Aldol Reaction: New Data on Proline/ $\hat{1}^3$ -Alumina Organic-Inorganic Hybrid Catalysts. <i>Catalysis Letters</i> , 2014, 144, 478-486.	1.4	13
81	Three consecutive steps over the chirally modified Pt surface: asymmetric catalytic cascade reaction of 2-nitrophenylpyruvates. <i>Catalysis Science and Technology</i> , 2015, 5, 697-704.	2.1	13
82	Solvent and support effects in the case of acetic acid and alumina: Oxonium cations in asymmetric hydrogenation of ethyl pyruvate over dihydrocinchonidine modified platinum. <i>Catalysis Communications</i> , 2001, 2, 269-272.	1.6	12
83	A novel asymmetric heterogeneous catalytic reaction: hydrogenation of ethyl 2-acetoxyacrylate on cinchonidine modified Pd and Pt catalyst. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 151-156.	0.6	12
84	Methylethers of cinchona alkaloids in Pt-catalyzed hydrogenation of methyl benzoylformate and pyruvaldehyde dimethyl acetal. <i>Journal of Molecular Catalysis A</i> , 2008, 285, 84-91.	4.8	11
85	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. <i>New Journal of Chemistry</i> , 2008, 32, 1354.	1.4	11
86	Achiral amine additives in the enantioselective hydrogenation of aliphatic $\hat{1}\pm, \hat{1}^2$ -unsaturated acids over cinchonidine-modified Pd/Al ₂ O ₃ catalyst. <i>Catalysis Today</i> , 2012, 181, 56-61.	2.2	11
87	Reversal of the enantioselectivity in aldol addition over immobilized di- and tripeptides: studies under continuous flow conditions. <i>RSC Advances</i> , 2014, 4, 61611-61618.	1.7	11
88	Chemoselective hydrogenation of the C=O group in unsaturated aldehydes over clay-supported platinum catalysts. <i>Studies in Surface Science and Catalysis</i> , 1999, 125, 539-546.	1.5	10
89	Asymmetric hydrogenation of racemic 2-fluorocyclohexanone over cinchona modified Pt/Al ₂ O ₃ catalyst. <i>Journal of Catalysis</i> , 2006, 244, 255-259.	3.1	10
90	Enantioselective hydrogenation of propenoic acids bearing heteroaromatic substituents over cinchonidine modified Pd/alumina. <i>Catalysis Communications</i> , 2009, 10, 1107-1110.	1.6	10

#	ARTICLE	IF	CITATIONS
91	Pt-cinchonidine catalyzed asymmetric catalytic cascade reaction of 2-nitrophenylpyruvates in flow system. <i>Journal of Flow Chemistry</i> , 2015, 5, 210-215.	1.2	10
92	Tuning the sense of product stereochemistry in aldol reactions of acetone and aromatic aldehydes in the presence of water with a single chiral catalyst. <i>Tetrahedron Letters</i> , 2015, 56, 7201-7205.	0.7	10
93	Comparative Study of Graphite-Oxide and Graphene-Oxide Supported Proline Organocatalysts in Asymmetric Aldol Addition. <i>Topics in Catalysis</i> , 2016, 59, 1227-1236.	1.3	10
94	Effect of ion exchange by an organic cation on platinum immobilization on clays. <i>Reaction Kinetics and Catalysis Letters</i> , 2001, 74, 241-249.	0.6	9
95	Preparation, characterization and application of platinum catalysts immobilized on clays. <i>Solid State Ionics</i> , 2001, 141-142, 273-278.	1.3	9
96	Ruthenium(II)-Chitosan, an Enantioselective Catalyst for the Transfer Hydrogenation of <i>N</i> -Heterocyclic Ketones. <i>ChemCatChem</i> , 2019, 11, 2725-2731.	1.8	9
97	New Data of Nonlinear Phenomenon in the Heterogeneous Enantioselective Hydrogenation of Activated Ketones. <i>Catalysis Letters</i> , 2008, 124, 46-51.	1.4	8
98	Unusual behavior of modifier mixtures in heterogeneous enantioselective catalysis: beyond nonlinear phenomena. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 103, 1-9.	0.8	8
99	Preparation, Characterisation and Some Reactions of Organocatalysts Immobilised Between the Layers of a CaFe-Layered Double Hydroxide. <i>Topics in Catalysis</i> , 2012, 55, 858-864.	1.3	8
100	Chitosan as a chiral ligand and organocatalyst: preparation conditions-property-catalytic performance relationships. <i>Catalysis Science and Technology</i> , 2021, 11, 7652-7666.	2.1	8
101	Mechanochemical, Water-Assisted Asymmetric Transfer Hydrogenation of Ketones Using Ruthenium Catalyst. <i>ChemCatChem</i> , 2022, 14, .	1.8	8
102	Mass Spectra of Iso-Cinchona- and Halogenated Cinchona Alkaloids. <i>European Journal of Mass Spectrometry</i> , 2000, 6, 347-355.	0.5	7
103	Heterogeneous Enantioselective Hydrogenation of Hydroxy-substituted (E)-2,3-diphenylpropenoic Acids over Pd/Al ₂ O ₃ Modified by Cinchonidine. <i>Catalysis Letters</i> , 2012, 142, 345-351.	1.4	7
104	Modifier-substrate interactions of various types in the Orito reaction: Reversal of the enantioselection in the hydrogenation of ketopantolactone on Pt modified by 1 ² -isocinchonine and O-phenylcinchonidine. <i>Catalysis Communications</i> , 2013, 32, 81-85.	1.6	7
105	Asymmetric Michael addition catalyzed by a cinchona alkaloid derivative non-covalently immobilized on layered inorganic supports. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2017, 121, 293-306.	0.8	7
106	Conjugate addition of 1,3-dicarbonyl compounds to maleimides using bifunctional primary amine-thio phosphoramidate organocatalysts. <i>Molecular Catalysis</i> , 2022, 518, 112089.	1.0	7
107	Enantioselective Michael addition of aldehydes to maleimides catalysed by surface-adsorbed natural amino acids. <i>Catalysis Science and Technology</i> , 2022, 12, 4709-4726.	2.1	7
108	Catalytic transfer hydrogenation of 2-butanone over oxide catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 68, 197-205.	0.6	6

#	ARTICLE	IF	CITATIONS
109	Heterogeneous Asymmetric Hydrogenation of N-Heterocyclic Compounds: Hydrogenation of Tetrahydroisoquinoline Derivatives. <i>Topics in Catalysis</i> , 2012, 55, 880-888.	1.3	6
110	Mechanism of hydrogenolysis and isomerization of oxacycloalkanes on metals, XVI. Transformation of tetrahydrofuran on platinum catalysts. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 64, 21-28.	0.6	5
111	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. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3743-3748.	0.7	5
112	Structural characterization of acetylpyridinium-ethyl pyruvate adducts by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2002, 37, 1034-1038.	0.7	4
113	Identification of novel chiral aluminium containing oxonium cations in the enantioselective hydrogenation of ethyl pyruvate catalyzed using cinchonidine modified Pt-alumina in acetic acid. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 85, 361-366.	0.6	3
114	New data on the effect of steric constraints on the chiral induction in the Orito reaction: Hydrogenation of activated steroid ketones. <i>Journal of Molecular Catalysis A</i> , 2008, 294, 14-19.	4.8	3
115	Monitoring of optical isomers of chiral alcohols and derivatives by chiral gas chromatography. Effect of derivatization on the enantio-differentiation. <i>Chromatographia</i> , 1998, 48, 81-85.	0.7	2
116	A novel asymmetric heterogeneous catalytic reaction: hydrogenation of ethyl 2-acetoxyacrylate on cinchonidine modified Pd and Pt catalyst. <i>Reaction Kinetics and Catalysis Letters</i> , 2005, 84, 151-156.	0.6	2
117	Surface enhanced Raman spectroscopic (SERS) behavior of substituted propenoic acids used in heterogeneous catalytic asymmetric hydrogenation. <i>Journal of Raman Spectroscopy</i> , 2015, 46, 1102-1109.	1.2	2
118	Surface enhanced Raman spectroscopic (SERS) behavior of phenylpyruvates used in heterogeneous catalytic asymmetric cascade reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 260, 119912.	2.0	2
119	Ru-catalyzed mechanochemical asymmetric transfer hydrogenations in aqueous media using chitosan as chirality source. <i>Molecular Catalysis</i> , 2022, 520, 112162.	1.0	1
120	Improved stereoselective synthesis of 3-methoxy- and 3-benzyloxy-16-hydroxymethyl-13 β -estra-1,3,5(10)-trien-17-ol isomers by transfer hydrogenation using chiral Ru catalysts. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2018, 125, 47-53.	0.8	0