List of Publications by Year in descending order

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	94433	133252
4,221	37	59
citations	h-index	g-index
122	100	4045
132	132	4045
docs citations	times ranked	citing authors
	4,221 citations 132 docs citations	4,221 37 citations h-index 132 132 docs citations 132 times ranked

#	Article	IF	CITATIONS
1	Recent Advances in the Green Synthesis of Heterocycles: From Building Blocks to Biologically Active Compounds. Current Organic Synthesis, 2022, 19, 426-462.	1.3	8
2	Heterogeneous catalysis for organic synthesis: Historical background and fundamentals. , 2022, , 1-21.		1
3	Hydrogenation. , 2022, , 85-156.		0
4	Heterogeneous catalytic rearrangements and other transformations. , 2022, , 543-592.		0
5	Heterogeneous catalytic oxidations. , 2022, , 227-277.		8
6	Heterogeneous catalytic hydrogenolysis of organic compounds. , 2022, , 157-225.		0
7	Asymmetric synthesis by solid catalysts. , 2022, , 593-654.		0
8	Application of heterogeneous catalysis in the development of environmentally benign synthetic processes. , 2022, , 81-83.		0
9	Ring transformations by heterogeneous catalysis. , 2022, , 491-542.		1
10	Solid catalysts for environmentally benign synthesis. , 2022, , 23-80.		0
11	Friedel-Crafts and related reactions catalyzed by solid acids. , 2022, , 317-378.		2
12	Preparation of Deuterium Labeled Compounds by Pd/C-Al-D2O Facilitated Selective H-D Exchange Reactions. Molecules, 2022, 27, 614.	3.8	3
13	Recent Advances in the Synthesis of Isoquinoline-Fused Benzimidazoles. Molecules, 2022, 27, 2062.	3.8	10
14	Green Synthesis of Common Heterocycles. Methods in Pharmacology and Toxicology, 2022, , 3-33.	0.2	1
15	Solid acids for the synthesis of biologically active heterocycles. , 2021, , 165-213.		1
16	Organofluorine Hydrazone Derivatives as Multifunctional Antiâ€Alzheimer's Agents with CK2 Inhibitory and Antioxidant Features. ChemMedChem, 2021, 16, 1927-1932.	3.2	10
17	Heterogeneous Metal Catalysis for the Environmentally Benign Synthesis of Medicinally Important Scaffolds, Intermediates, and Building Blocks. Current Organic Chemistry, 2021, 25, 2304-2330. 	1.6	9
	Diastereo- and enantioselective synthesis by nontraditional activation methods: Ultrasonic.		

¹⁸ Diastereo: and enantioselective synthesis by nontraditional activation methods: diffasolic, microwave, electro-, photo- and mechanochemically activated reactions. , 2021, , 511-557. 0

#	Article	IF	CITATIONS
19	Microwave-assisted flow systems in the green production of fine chemicals. , 2021, , 101-136.		2
20	Application of nontraditional activation methods in green and sustainable chemistry: Microwaves, ultrasounds, electro-, photo-, and mechanochemistry, and high hydrostatic pressure. , 2021, , 1-26.		2
21	Organic Synthesis Using Environmentally Benign Acid Catalysis. Current Organic Synthesis, 2019, 16, 615-649.	1.3	33
22	Effect of solvent polarity on the regioselective hydroxyalkylation of indole with trifluoroacetaldehyde hemiacetals. Structural Chemistry, 2019, 30, 1941-1956.	2.0	3
23	Catalyst-free ambient temperature synthesis of isoquinoline-fused benzimidazoles from 2-alkynylbenzaldehydes <i>via</i> alkyne hydroamination. Green Chemistry, 2019, 21, 99-108.	9.0	24
24	Theoretical and experimental analysis of the antioxidant features of substituted phenol and aniline model compounds. Structural Chemistry, 2019, 30, 23-35.	2.0	30
25	Microwave-Assisted Reactions in Green Chemistry. , 2019, , 573-612.		4
26	Synthesis of potential antioxidants by microwaveâ€assisted solid phase diazotations and Friedel rafts reactions of hydroquinone. FASEB Journal, 2019, 33, .	0.5	0
27	Heterogeneous Catalytic Aqueous Phase Oxidative Cleavage of Styrenes to Benzaldehydes: An Environmentally Benign Alternative to Ozonolysis. Topics in Catalysis, 2018, 61, 643-651.	2.8	12
28	Sustainable Synthesis. , 2018, , 49-89.		3
29	Sustainable Production of Fine Chemicals and Materials Using Nontoxic Renewable Sources. Toxicological Sciences, 2018, 161, 214-224.	3.1	14
30	Environmentally benign, microwave-assisted chemoselective N-hydroxyalkylation of indoles with trifluoroacetaldehyde methyl hemiacetal. Arkivoc, 2018, 2018, 122-130.	0.5	0
31	Application of Sonochemical Activation in Green Synthesis. , 2018, , 673-693.		4
32	Microwave-Assisted Reactions in Green Chemistry. , 2018, , 1-40.		4
33	Microwave-assisted solid phase diazotation: a method for the environmentally benign synthesis of benzotriazoles. Green Chemistry, 2017, 19, 2515-2519.	9.0	37
34	Synthesis and application of β-carbolines as novel multi-functional anti-Alzheimer's disease agents. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 232-236.	2.2	40
35	Pd/C–Al–water facilitated selective reduction of a broad variety of functional groups. Green Chemistry, 2017, 19, 1230-1234.	9.0	50
36	K-10 montmorillonite-catalyzed solid phase diazotizations: environmentally benign coupling of diazonium salts with aromatic hydrocarbons to biaryls. Green Chemistry, 2017, 19, 5390-5395.	9.0	23

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37	Application of microwave-assisted heterogeneous catalysis in sustainable synthesis design. Green Chemistry, 2017, 19, 3729-3751.	9.0	108
38	Theoretical and experimental analysis of the antioxidant features of diarylhydrazones. Structural Chemistry, 2017, 28, 391-402.	2.0	20
39	Synthesis of Chiral Trifluoromethyl Benzylamines by Heterogeneous Catalytic Reductive Amination. Topics in Catalysis, 2016, 59, 1207-1213.	2.8	11
40	Identifying New Drug Targets for Potent Phospholipase D Inhibitors: Combining Sequence Alignment, Molecular Docking, and Enzyme Activity/Binding Assays. Chemical Biology and Drug Design, 2016, 87, 714-729.	3.2	2
41	Regioselective "hydroamination―of alk-3-ynones with non-symmetrical o-phenylenediamines. Synthesis of diversely substituted 3H-1,5-benzodiazepines via (Z)-3-amino-2-alkenones. RSC Advances, 2016, 6, 107081-107093.	3.6	17
42	Heterogeneous Catalytic Reductive Amination of Carbonyl Compounds with Ni-Al Alloy in Water as Solvent and Hydrogen Source. Synthesis, 2016, 48, 3127-3133.	2.3	28
43	Graphene-supported NiPd alloy nanoparticles: A novel and highly efficient heterogeneous catalyst system for the reductive amination of aldehydes. Journal of Molecular Catalysis A, 2015, 409, 191-197.	4.8	35
44	Sulfonamides as multifunctional agents for Alzheimer's disease. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 626-630.	2.2	68
45	Proline-induced enantioselective heterogeneous catalytic hydrogenation of isophorone on basic polymer-supported Pd catalysts. Catalysis Science and Technology, 2015, 5, 716-723.	4.1	22
46	The Paal–Knorr reaction revisited. A catalyst and solvent-free synthesis of underivatized and N-substituted pyrroles. Green Chemistry, 2015, 17, 1088-1099.	9.0	74
47	Hydrogenations and Deuterium Labeling with Aluminum-based Metal Alloys Under Aqueous Conditions. Current Organic Synthesis, 2015, 13, 255-277.	1.3	11
48	The Synthesis and Application of Diarylhydrazones, Diaryl Schiffâ€bases, Betaâ€carbolines and Their Precursors as Potential Antibiotics. FASEB Journal, 2015, 29, LB112.	0.5	1
49	Catalyst-free chemo-/regio-/stereo-selective amination of alk-3-ynones. Synthesis of 1,5-benzodiazepines and 3-amino-2-alkenones. Green Chemistry, 2014, 16, 1120-1124.	9.0	33
50	Energy efficiency of heterogeneous catalytic microwave-assisted organic reactions. Green Chemistry, 2014, 16, 3623-3634.	9.0	79
51	Selective reduction of condensed N-heterocycles using water as a solvent and a hydrogen source. Organic and Biomolecular Chemistry, 2013, 11, 1209.	2.8	30
52	Diaryl Hydrazones as Multifunctional Inhibitors of Amyloid Self-Assembly. Biochemistry, 2013, 52, 1137-1148.	2.5	28
53	Design, synthesis and biological activity of multifunctional α,β-unsaturated carbonyl scaffolds for Alzheimer's disease. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2614-2618.	2.2	47
54	Structural Features of Small Molecule Amyloid-Beta Self-Assembly Inhibitors. Current Bioactive Compounds, 2013, 9, 37-63.	0.5	10

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55	Syntheses of Tungsten <i>tert</i> -Butylimido and Adamantylimido Alkylidene Complexes Employing Pyridinium Chloride As the Acid. Organometallics, 2012, 31, 6522-6525.	2.3	25
56	Environmentally benign synthesis of heterocyclic compounds by combined microwave-assisted heterogeneous catalytic approaches ^{â€} . Green Chemistry, 2012, 14, 17-37.	9.0	216
57	Selective reduction of ketones using water as a hydrogen source under high hydrostatic pressure. Organic and Biomolecular Chemistry, 2012, 10, 7321.	2.8	18
58	Synthesis of diversely 1,3,5-trisubstituted pyrazoles via 5-exo-dig cyclization. Organic and Biomolecular Chemistry, 2012, 10, 4505.	2.8	33
59	Structure–Activity Relationships of Organofluorine Inhibitors of βâ€Amyloid Selfâ€Assembly. ChemMedChem, 2012, 7, 910-919.	3.2	35
60	Heterogeneous Catalytic Hydrogenation of Unprotected Indoles in Water: A Green Solution to a Long-Standing Challenge. Organic Letters, 2011, 13, 5124-5127.	4.6	64
61	Heteropoly acid-catalyzed microwave-assisted three-component aza-Diels–Alder cyclizations: diastereoselective synthesis of potential drug candidates for Alzheimer's disease. Organic and Biomolecular Chemistry, 2011, 9, 1394.	2.8	31
62	Mechanistic study on the oxidative coupling of amines to imines on K-10 montmorillonite. Applied Clay Science, 2011, 53, 220-226.	5.2	21
63	Microwave-Assisted Heterogeneous Catalysis: An Environmentally Benign Tool for Contemporary Organic Synthesis. Current Organic Synthesis, 2011, 8, 237-261.	1.3	32
64	Synthesis and Application of Polystyrene Nanospheres Supported Platinum Catalysts in Enantioselective Hydrogenations. Catalysis Letters, 2011, 141, 1435-1441.	2.6	11
65	Enantioselective Friedel–Crafts reaction of indoles with trifluoroacetaldehyde catalyzed by Cinchona alkaloids. Chirality, 2011, 23, 612-616.	2.6	26
66	Disassembly of preformed amyloid beta fibrils by small organofluorine molecules. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 2044-2047.	2.2	27
67	Heterogeneous Catalytic Hydrogenations as an Environmentally Benign Tool for Organic Synthesis. Current Organic Synthesis, 2011, 8, 187-207.	1.3	28
68	Rational Design, Synthesis, and Potency of Nâ€Substituted Indoles, Pyrroles, and Triarylpyrazoles as Potential Fructose 1,6â€Bisphosphatase Inhibitors. ChemMedChem, 2010, 5, 384-389.	3.2	23
69	Microwave-assisted multicomponent domino cyclization–aromatization: an efficient approach for the synthesis of substituted quinolines. Green Chemistry, 2010, 12, 875.	9.0	162
70	Microwave-Assisted Solid-Acid-Catalyzed Friedel-Crafts Alkylation and Electrophilic Annulation of Indoles Using Alcohols as Alkylating Agents. Synthesis, 2009, 2009, 4010-4014.	2.3	7
71	Synthesis of quinolines by a solid acid-catalyzed microwave-assisted domino cyclization–aromatization approach. Tetrahedron Letters, 2009, 50, 2939-2942.	1.4	60
72	Highly Enantioselective Organocatalytic Addition of Ethyl Trifluoropyruvate to Ketones with Subzero Temperature Microwave Activation. Catalysis Letters, 2009, 131, 432-439.	2.6	25

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73	Effect of chirality of small molecule organofluorine inhibitors of amyloid self-assembly on inhibitor potency. Bioorganic and Medicinal Chemistry Letters, 2009, 19, 6931-6934.	2.2	30
74	A direct synthesis of β-carbolines via a three-step one-pot domino approach with a bifunctional Pd/C/K-10 catalyst. Tetrahedron Letters, 2009, 50, 1791-1794.	1.4	64
75	Microwave-Assisted Tandem Processes for the Synthesis of N-Heterocycles. Australian Journal of Chemistry, 2009, 62, 208.	0.9	19
76	Novel Heteroaromatic Organofluorine Inhibitors of Fructose-1,6-bisphosphatase. Journal of Medicinal Chemistry, 2009, 52, 878-882.	6.4	24
77	Microwave-assisted solid acid-catalyzed one-pot synthesis of isobenzofuran-1(3H)-ones. Tetrahedron Letters, 2008, 49, 4505-4508.	1.4	37
78	Synthesis of Condensed Benzo[N,N]-Heterocycles by Microwave-Assisted Solid Acid Catalysis. Catalysis Letters, 2008, 122, 338-343.	2.6	40
79	Nature of Proline-induced Enantiodifferentiation in Asymmetric Pd Catalyzed Hydrogenations: Is the Catalyst Really Indifferent?. Catalysis Letters, 2008, 123, 156-163.	2.6	18
80	APPLICATION OF CLAY CATALYSTS IN ORGANIC SYNTHESIS. A REVIEW. Organic Preparations and Procedures International, 2008, 40, 1-65.	1.3	68
81	Triflic Acid-Catalyzed Highly Stereoselective Friedelâ^'Crafts Aminoalkylation of Indoles and Pyrroles. Organic Letters, 2008, 10, 933-935.	4.6	84
82	Environmentally Benign Contemporary Friedel-Crafts Chemistry by Solid Acids. Current Organic Synthesis, 2008, 5, 321-342.	1.3	41
83	Chemistry of Small Molecule Inhibitors in Self-Assembly of Alzheimers Disease Related Amyloid-Beta Peptide. Current Bioactive Compounds, 2008, 4, 159-174.	0.5	19
84	Triflic acid controlled successive annelation of aromatic sulfonamides: an efficient one-pot synthesis of N-sulfonyl pyrroles, indoles and carbazoles. Tetrahedron Letters, 2007, 48, 4047-4050.	1.4	49
85	Microwave-assisted oxidative coupling of amines to imines on solid acid catalysts. Tetrahedron Letters, 2007, 48, 5161-5164.	1.4	75
86	Microwave-assisted preparation of trifluoroacetaldehyde (fluoral): isolation and applications. Tetrahedron Letters, 2007, 48, 6372-6376.	1.4	21
87	Synthesis of trifluoromethyl-imines by solid acid/superacid catalyzed microwave assisted approach. Journal of Fluorine Chemistry, 2007, 128, 587-594.	1.7	44
88	Organofluorine Inhibitors of Amyloid Fibrillogenesisâ€. Biochemistry, 2006, 45, 5377-5383.	2.5	108
89	AN EFFICIENT AND RAPID SYNTHESIS OF N-SUBSTITUTED PYRROLES BY MICROWAVE ASSISTED SOLID ACID CATALYSIS. Organic Preparations and Procedures International, 2006, 38, 495-500.	1.3	56
90	Highly asymmetric heterogeneous catalytic hydrogenation of isophorone on proline modified base-supported palladium catalysts. Journal of Catalysis, 2006, 238, 441-448.	6.2	39

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91	Solvent-Free Solid Acid-Catalyzed Electrophilic Annelations: A New Green Approach for the Synthesis of Substituted Five-Membered N-Heterocycles. Advanced Synthesis and Catalysis, 2006, 348, 2191-2196.	4.3	102
92	Highly Enantioselective Organocatalytic Hydroxyalkylation of Indoles with Ethyl Trifluoropyruvate. Angewandte Chemie - International Edition, 2005, 44, 3086-3089.	13.8	177
93	Synthesis of N-Heteroaryl(trifluoromethyl)hydroxyalkanoic Acid Esters by Highly Efficient Solid Acid-Catalyzed Hydroxyalkylation of Indoles and Pyrroles with Activated Trifluoromethyl Ketones. Advanced Synthesis and Catalysis, 2005, 347, 1797-1803.	4.3	57
94	Cinchona alkaloid induced chiral discrimination for the determination of the enantiomeric composition of î±-trifluoromethylated-hydroxyl compounds by 19F NMR spectroscopy. Tetrahedron: Asymmetry, 2005, 16, 1547-1555.	1.8	29
95	A metal nanoparticle-based supramolecular approach for aqueous biphasic reactions. Chemical Communications, 2005, , 3207.	4.1	47
96	Sonochemical asymmetric hydrogenation of isophorone on proline modified Pd/Al2O3catalysts. Chemical Communications, 2004, , 984-985.	4.1	29
97	Superacidic Trifluoromethanesulfonic Acid-Induced Cycli-Acyalkylation of Aromatics. Catalysis Letters, 2003, 87, 109-112.	2.6	53
98	Title is missing!. Catalysis Letters, 2003, 85, 1-6.	2.6	63
99	Synthesis of Chiral Trifluoromethylated Amines by Palladium-Catalyzed Diastereoselective Hydrogenation-Hydrogenolysis Approach. Advanced Synthesis and Catalysis, 2003, 345, 165-168.	4.3	52
100	Stable Dialkyl Ether/Poly(Hydrogen Fluoride) Complexes:  Dimethyl Ether/Poly(Hydrogen Fluoride), A New, Convenient, and Effective Fluorinating Agent1a. Journal of the American Chemical Society, 2002, 124, 7728-7736.	13.7	57
101	Efficient Chemoselective Carboxylation of Aromatics to Arylcarboxylic Acids with a Superelectrophilically Activated Carbon Dioxideâ^'Al2Cl6/Al System. Journal of the American Chemical Society, 2002, 124, 11379-11391.	13.7	194
102	Deprotection and cleavage of peptides bound to Merrifield resin by stable dimethyl ether–poly(hydrogen fluoride) (DMEPHF) complex. a new and convenient reagent for peptide chemistry. Chemical Communications, 2002, , 2882-2883.	4.1	6
103	Title is missing!. Catalysis Letters, 2002, 81, 55-62.	2.6	34
104	Asymmetric reactions in sonochemistry. Ultrasonics Sonochemistry, 2001, 8, 191-200.	8.2	55
105	Title is missing!. Catalysis Letters, 2001, 73, 127-131.	2.6	22
106	Acidity and Catalytic Activity of a Nafion-H/Silica Nanocomposite Catalyst Compared with a Silica-Supported Nafion Sample. Journal of Catalysis, 2000, 193, 132-138.	6.2	56
107	Preparation and Characterization of New Chirally Modified Laponites. Molecular Crystals and Liquid Crystals, 2000, 341, 339-344.	0.3	4
108	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

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109	K-10 montmorillonite supported noble metal catalysts with immobilized modifier1Part IX: B. Török, J. Wölfling, Gy. Schneider, M. Bartók, 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,	4.3	33
110	Title is missing!. Magyar Apróvad Közlemények, 1999, 56, 337-343.	1.4	4
111	Acid atalyzed isobutane–isobutylene alkylation in liquid carbon dioxide solution. Catalysis Letters, 1999, 61, 105-110.	2.6	16
112	The structure of chiral phenylethylammonium montmorillonites in ethanol-toluene mixtures. Colloid and Polymer Science, 1999, 277, 340-346.	2.1	12
113	Ultrasonics in asymmetric syntheses. Sonochemical enantioselective hydrogenation of prochiral C=O groups over platinum catalysts. Chirality, 1999, 11, 470-474.	2.6	51
114	Enantiodifferentiation in asymmetric sonochemical hydrogenations. Catalysis Letters, 1998, 52, 81-84.	2.6	115
115	Alkylation of aromatics with diols in superacidic media. Topics in Catalysis, 1998, 6, 9-16.	2.8	8
116	Chemoselective Hydrogenation of Cinnamaldehyde to Cinnamyl Alcohol over Pt/K-10 Catalyst. Journal of Catalysis, 1998, 179, 619-623.	6.2	75
117	Monitoring of optical isomers of chiral alcohols and derivatives by chiral gas chromatography. Effect of derivatization on the enantio-differentiation. Chromatographia, 1998, 48, 81-85.	1.3	2
118	Homogeneous and heterogeneous asymmetric reactions. Part IX. Asymmetric transfer hydrogenation of 16-methyl-substituted steroid 17-ketones in the presence of rhodium(I) complexes. Reaction Kinetics and Catalysis Letters, 1998, 64, 35-40.	0.6	3
119	Surface characterization of variously treated Nafion-H, Nafion-H supported on silica and Nafion-H silica nanocomposite catalysts by infrared microscopy. Applied Catalysis A: General, 1998, 174, 147-153.	4.3	28
120	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
121	Title is missing!. Catalysis Letters, 1997, 48, 83-87.	2.6	22
122	Solid acid (superacid) catalyzed regioselective adamantylation of substituted benzenes. Catalysis Letters, 1996, 42, 5-13.	2.6	42
123	Effect of acid/hydrocarbon ratio, temperature and contact time on the isobutane-isobutylene alkylation with trifluoromethanesulfonic acid. Catalysis Letters, 1996, 40, 137-142.	2.6	10
124	Rearrangement Reactions of α-Phenylcinnamic Acid Trimethylsilyl Esters Upon Electron Impact Ionization: Practical and Theoretical Aspects. Journal of Mass Spectrometry, 1996, 31, 823-824.	1.6	4
125	Temperature and hydrogen pressure dependences in the ring opening of methylcyclobutane over Pt/SiO2 catalyst. Catalysis Letters, 1995, 33, 321-330.	2.6	6
126	Hydrogenative ring opening of propylcyclopropane over silica-supported Pt and Pd catalysts. Catalysis Letters, 1995, 33, 331-339.	2.6	8

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127	Fragmentation patterns of $\hat{l}\pm$ -phenylcinnamic acid derivatives upon electron impact ionization; a computational approach. AIP Conference Proceedings, 1995, , .	0.4	0
128	Selective catalytic hydrogenation of bifunctional compounds over amorphous nickel alloys. Studies in Surface Science and Catalysis, 1993, 78, 179-186.	1.5	13