Christian SchÃ¤fer

List of Publications by Year
in descending order

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30	433	840728 11	940516 16
papers	citations	h-index	g-index

32	32	32	556
all docs	docs citations	times ranked	citing authors

#	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	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
13	Application of nontraditional activation methods in green and sustainable chemistry: Microwaves, ultrasounds, electro-, photo-, and mechanochemistry, and high hydrostatic pressure. , 2021, , 1-26.		2
14	Organic Synthesis Using Environmentally Benign Acid Catalysis. Current Organic Synthesis, 2019, 16, 615-649.	1.3	33
15	Effect of solvent polarity on the regioselective hydroxyalkylation of indole with trifluoroacetaldehyde hemiacetals. Structural Chemistry, 2019, 30, 1941-1956.	2.0	3
16	Microwave-Assisted Reactions in Green Chemistry. , 2019, , 573-612.		4
17	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
18	Environmentally benign, microwave-assisted chemoselective N-hydroxyalkylation of indoles with trifluoroacetaldehyde methyl hemiacetal. Arkivoc, 2018, 2018, 122-130.	0.5	0

#	Article	IF	Citations
19	Microwave-Assisted Reactions in Green Chemistry. , 2018, , 1-40.		4
20	Pd/Câ€“Alâ€“water facilitated selective reduction of a broad variety of functional groups. Green Chemistry, 2017, 19, 1230-1234.	9.0	50
21	Application of microwave-assisted heterogeneous catalysis in sustainable synthesis design. Green Chemistry, 2017, 19, 3729-3751.	9.0	108
22	Synthesis of Chiral Trifluoromethyl Benzylamines by Heterogeneous Catalytic Reductive Amination. Topics in Catalysis, 2016, 59, 1207-1213.	2.8	11
23	Regioselective â€œhydroaminationâ€•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
24	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
25	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
26	Hydrogenations and Deuterium Labeling with Aluminum-based Metal Alloys Under Aqueous Conditions. Current Organic Synthesis, 2015, 13, 255-277.	1.3	11
27	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
28	Intramolecular reductive ketoneâ€“alkynoate coupling reaction promoted by (Î·2-propene)titanium. Organic and Biomolecular Chemistry, 2012, 10, 3253.	2.8	11
29	A Silverâ€Catalyzed Spirocyclization of Alkynyl Silyl Enol Ethers. Chemistry - A European Journal, 2012, 18, 8028-8031.	3.3	24
30	A Stereocontrolled Access to Ring-Fused Piperidines through a Formal [2+2+2] Process. Organic Letters, 2006, 8, 4871-4874.	4.6	25