Masayoshi Honda

List of Publications by Year
in descending order

17 papers	1,552 citations	623734 14 h-index	888059 17 g-index
21 all docs	21 docs citations	21 times ranked	1004 citing authors

#	Article	IF	Citations
1	Direct Cyclic Carbonate Synthesis from CO₂ and Diol over Carboxylation/Hydration Cascade Catalyst of CeO₂ with 2-Cyanopyridine. ACS Catalysis, 2014, 4, 1893-1896.	11.2	167
2	Ceriaâ€Catalyzed Conversion of Carbon Dioxide into Dimethyl Carbonate with 2â€Cyanopyridine. ChemSusChem, 2013, 6, 1341-1344.	6.8	153
3	Organic carbonate synthesis from CO2 and alcohol over CeO2 with 2-cyanopyridine: Scope and mechanistic studies. Journal of Catalysis, 2014, 318, 95-107.	6.2	142
4	Catalytic CO₂conversion to organic carbonates with alcohols in combination with dehydration system. Catalysis Science and Technology, 2014, 4, 2830-2845.	4.1	136
5	Direct conversion of <scp>CO₂</scp> with diols, aminoalcohols and diamines to cyclic carbonates, cyclic carbamates and cyclic ureas using heterogeneous catalysts. Journal of Chemical Technology and Biotechnology, 2014, 89, 19-33.	3.2	135
6	Heterogeneous CeO2 catalyst for the one-pot synthesis of organic carbamates from amines, CO2 and alcohols. Green Chemistry, 2011, 13, 3406.	9.0	123
7	Low pressure CO2 to dimethyl carbonate by the reaction with methanol promoted by acetonitrile hydration. Chemical Communications, 2009, , 4596.	4.1	111
8	Tandem Carboxylationâ€Hydration Reaction System from Methanol, CO₂ and Benzonitrile to Dimethyl Carbonate and Benzamide Catalyzed by CeO₂. ChemCatChem, 2011, 3, 365-370.	3.7	104
9	Heterogeneous CeO2-catalyzed selective synthesis of cyclic carbamates from CO2 and aminoalcohols in acetonitrile solvent. Journal of Catalysis, 2013, 305, 191-203.	6.2	103
10	Catalytic synthesis of dialkyl carbonate from low pressure CO2 and alcohols combined with acetonitrile hydration catalyzed by CeO2. Applied Catalysis A: General, 2010, 384, 165-170.	4.3	98
11	Highly efficient synthesis of cyclic ureas from CO2 and diamines by a pure CeO2 catalyst using a 2-propanol solvent. Green Chemistry, 2013, 15, 1567.	9.0	98
12	Direct Copolymerization of CO2 and Diols. Scientific Reports, 2016, 6, 24038.	3.3	98
13	Direct Catalytic Synthesis of Nâ€Arylcarbamates from CO₂, Anilines and Alcohols. ChemCatChem, 2018, 10, 4821-4825.	3.7	49
14	Development of a H3PW12O40/CeO2 catalyst for bulk ring-opening polymerization of a cyclic carbonate. Green Chemistry, 2018, 20, 4995-5006.	9.0	19
15	Depolymerization of Cellulose with Superheated Steam: Remarkable Obstruction Effects of Sodium and High Reactivity of Crystalline Cellulose. ACS Sustainable Chemistry and Engineering, 2018, 6, 6570-6576.	6.7	8
16	Copolymerization of carbon dioxide and oxetane catalyzed by aluminum porphyrin complex system. Journal of Polymer Science, 2021, 59, 3122-3130.	3.8	5
17	Alternating terpolymerization of carbon dioxide, propylene oxide, and various epoxides with bulky side groups for the tuning of thermal properties. Polymer Journal, 2021, 53, 121-127.	2.7	3