

Biomass derived heterogeneous catalysts for the conversion of CO₂ into cyclic carbonates

ALMA MATER STUDIORUM UNIVERSITÀ DI BOLOGNA



0	САТАЦ	VST 10% \w/\w	0~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Recyclabi	
	+ CO2			100	
	3 har	70°C 7h		80	91
SO	U D ai		SC	O 60	
				<u>%</u> 40	
CATALYST	Yield SC (%)	CATALYST	Yield SC (%)	20	
HC- C	85	HC- SD	91	0	1
HC- CA	84	HC- PUCF	86		
HC-S	82	HC-SBPB	84	And the second	
	1	1	1		

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thus demonstrating the **bi-functionality of the catalysts**