

Table S1. SEM micrographs and images and atomic ratios obtained from EDS mapping of the middle mesh (mesh 15) of the catalytic wire mesh monoliths developed.

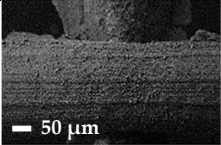

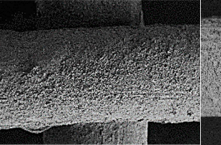

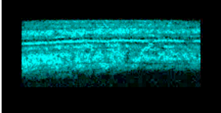
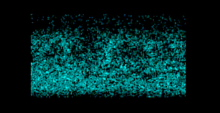
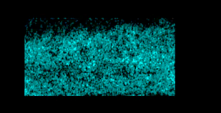
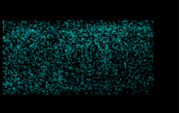
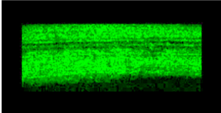
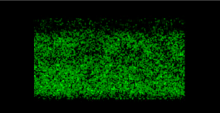
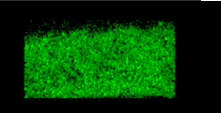
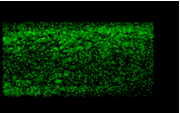
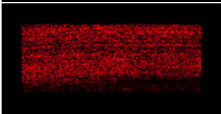
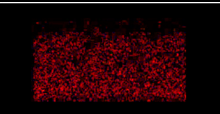
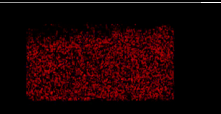
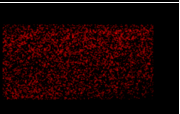
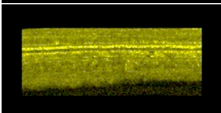
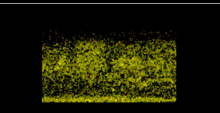
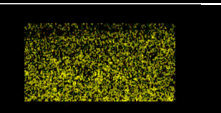
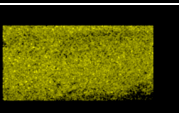
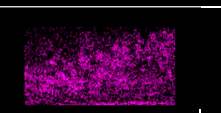
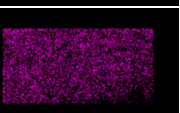
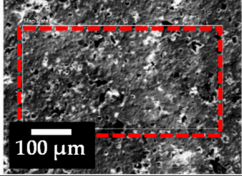
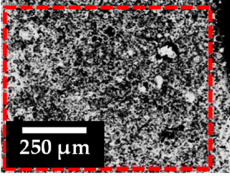
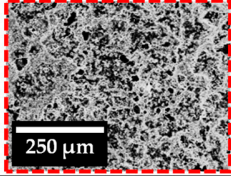
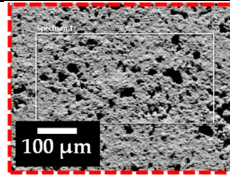
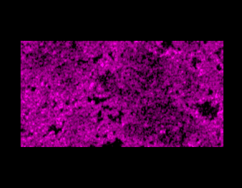
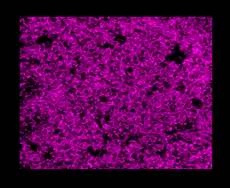
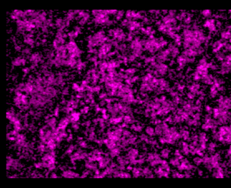
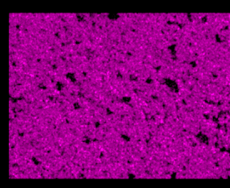
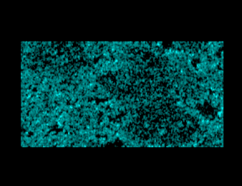
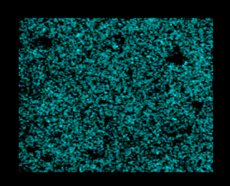
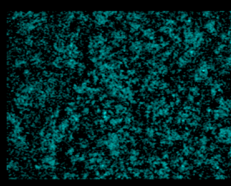
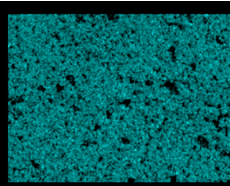
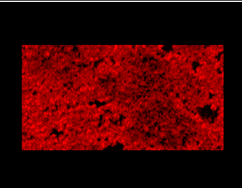
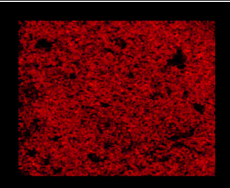
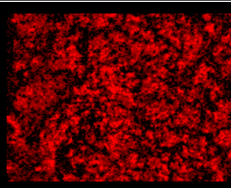
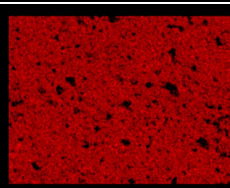
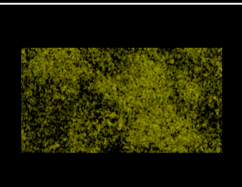
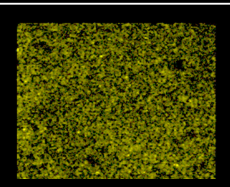
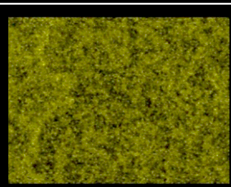
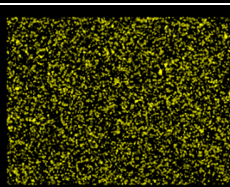
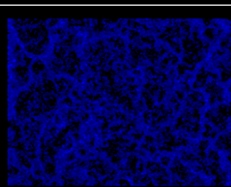
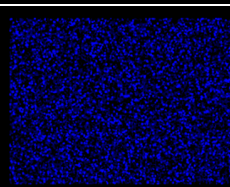
	Ce(Ny)-M	Ce(S),Ce(Ny)-M	Co(S),Ce(Ny)	Co(S),Ce(S), Ce(Ny)
				
Fe				
Cr				
Mn				
Ce				
Co				
$\frac{Co}{Co + Ce}$			0.13	0.17

Table S2. SEM/EDS mapping images of the central region of the catalytic cordierite monoliths channels and atomic ratios obtained.				
	Ce(Ny)	Ce(S),Ce(Ny)	Co(S),Ce(Ny)	Co(S),Ce(S),Ce(Ny)
				
Al				
Mg				
Si				
Ce				
Co				
$\frac{Co}{Co + Ce}$			0.35	0.03