

Search 3: Supply Chain 5.0 and Sustainability			
Cluster 1 Red)	Cluster 2 (green)	Cluster 3 (blue)	Cluster 4 (yellow)
ability	advance	capability	architecture
business model	blockchain	collaboration	big data
condition	control	creation	circular economy
customer	covid	cyber physical system	internet
digitalization	digital transformation	difference	iot
economy	digital twin	digital technology	security
education	energy	driver	thing
effect	engineer	enterprise	
foundation	engineering	factor	
fourth industrial revolution	factory	human	
knowledge	identification	human factor	
life	improvement	interaction	
manufacturing industry	mass customization	machine learning	
opportunity	operation	production process	
pandemic	operator	sensor	
possibility	optimization	transition	
potential	paradigm	understanding	
relationship	resilience	user worker	
resource	risk		
revolution	robot		
skill	simulation		
sustainable development	smart manufacturing		
sustainable development goal	technique		
technological innovation	uncertainty		