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Understandings of Catalyst Deactivation and Regeneration during Biomass Tar Reforming: A Crucial Review

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11	Low-Temperature Reforming of Biomass Tar over Ni/ZSM-5 Catalysts: Unraveling the H ₂ -Rich Gas Production Pathways Using In Situ and Ex Situ Techniques. <i>Industrial & Engineering Chemistry Research</i> ,	3.9	0
10	Enhanced Low-temperature Catalytic Decomposition Performance of Naphthalene over Hydrothermal Carbon-based Nanomaterials with a Hierarchical Heterostructure. <i>ACS Applied Energy Materials</i> ,	6.1	0
9	Insight into tar thermal cracking and catalytic cracking by char: Characteristics and kinetics. <i>Fuel</i> , 2022 , 326, 124929	7.1	0
8	Plasma-Catalytic Reforming of Naphthalene and Toluene as Biomass Tar over Honeycomb Catalysts in a Gliding Arc Reactor. <i>ACS Sustainable Chemistry and Engineering</i> , 2022 , 10, 8958-8969	8.3	0
7	Regeneration of deactivated biochar for catalytic tar reforming by partial oxidation: Effect of oxygen concentration and regeneration time. 2022 , 330, 125572		
6	Dynamic coupling of reactor and heat exchanger network considering catalyst deactivation. 2022 , 260, 125161		
5	Role of metal (Pt)Support (MgO) interactions in the base-free glucose dehydrogenation.		0
4	How syngas composition affects catalytic steam reforming of tars: An analysis using toluene as model compound. 2022 ,		0
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2	Hydrogen-rich syngas production from straw char by chemical looping gasification: The synergistic effect of Mn and Fe on Ni-based spinel structure as oxygen carrier. 2023 , 334, 126803		1
1	Plasma-Catalytic CO ₂ Reforming of Toluene over Hydrotalcite-Derived NiFe/(Mg, Al)Ox Catalysts. 2023 , 3, 785-800		0