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## Hydrogen generation from biomass by pyrolysis

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20	Behavior Study of Migration and Transformation of Heavy Metals during Oily Sludge Pyrolysis. <i>Energy &amp; Fuels</i> ,	4.1	1
19	Applications of catalysts in thermochemical conversion of biomass (pyrolysis, hydrothermal liquefaction and gasification): A critical review. <i>Renewable Energy</i> , <b>2022</b> , 196, 462-481	8.1	4
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13	Facile synthesis of low-cost Co-Cu/C alloy catalysts for hydrogen-rich syngas production from low-temperature steam reforming of biomass tar. <b>2023</b> , 267, 118370		0
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11	Comparison of the NiAl <sub>2</sub> O <sub>4</sub> derived catalyst deactivation in the steam reforming and sorption enhanced steam reforming of raw bio-oil in packed and fluidized-bed reactors. <b>2023</b> , 141494		0
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9	Distinct coking depth in steam reforming of oxygen-containing organics and hydrocarbons. <b>2023</b> , 639, 385-400		0
8	Catalytic performance and mechanism of A-site vacancy deficient perovskite catalyst over tar cracking during biomass pyrolysis. <b>2023</b> , 405, 136876		0
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6	Review of Porous Ceramics for Hot Gas Cleanup of Biomass Syngas Using Catalytic Ceramic Filters to Produce Green Hydrogen/Fuels/Chemicals. <b>2023</b> , 16, 2334		0

- 5 Construction and reaction characteristics of pyrochlore-supported Ni catalysts for tar steam reforming. **2023**, ○
- 4 Steam reforming of the simulated aqueous fraction of bio-oil based on pre-reforming with dolomite. **2023**, 344, 128116 ○
- 3 Biomass to H<sub>2</sub>: Evaluation of the Impact of PV and TES Power Supply on the Performance of an Integrated Bio-Thermo-Chemical Upgrading Process for Wet Residual Biomass. **2023**, 16, 2966 ○
- 2 A Critical Review of Polymer Electrolyte Membrane Fuel Cell Systems for Automotive Applications: Components, Materials, and Comparative Assessment. **2023**, 16, 3111 ○
- 1 Recent Advances in High-Temperature Steam Electrolysis with Solid Oxide Electrolysers for Green Hydrogen Production. **2023**, 16, 3327 ○