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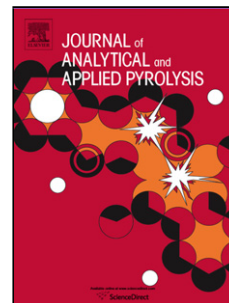
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**Production of Guaiacols via Catalytic Fast Pyrolysis of Alkali Lignin Using
Titania, Zirconia and Ceria**

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