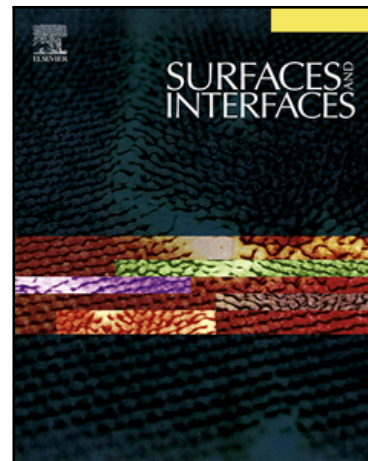


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Arachis hypogaea derived activated carbon/Pt catalyst: reduction of organic dyes

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Highlights

- Agricultural waste: Groundnut shell utilized for activated carbon synthesis
- Synthesis and characterization of Pt nanoparticles on groundnut activated carbon was described
- Non-expensive catalyst Pt/AC: Reduction of different cationic and anionic dyes with NaBH_4
- Short time ~2 min. dyes were reduced to its leuco forms

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