



Modification of activated carbons based on diazonium ions in situ produced from aminobenzene organic acid without addition of other acid

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Auteur	Lebègue, Estelle [1], Madec, L. [2], Brousse, Thierry [3], Gaubicher, Joël [4], Levillain, Eric [5], Cougnon, Charles [6]
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Résumé en anglais	Activated carbon products modified with a benzene sulfonic acid group were prepared based on the spontaneous reduction of diazonium salts in situ generated in water without addition of an external acid. The diazotization reaction assisted by the organic acid substituent, produced at once amine, diazonium and triazene functionalities that maximize the grafting yield by a chemical cooperation effect.
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