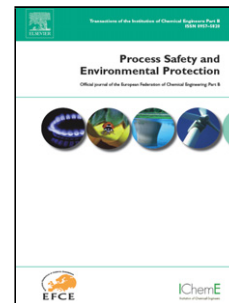


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1 **Research Highlights**

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5 Two-stage cultivation of microalgae increased its lipid content

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7 Optimal culture age and cell concentration for transfer to the 2nd phase was studied

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9 Transfer of microalgae to a non-sterile condition (2nd phase) eased lipid production

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11 Lipid content enhanced when a two-staged microalgae cultivation was performed

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