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PHOTOACTIVITY OF ORGANIC XEROGELS AND AEROGELS IN THE PHOTODEGRADATION OF HERBICIDES FROM WATERS

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Highlights

- Organic gels for the degradation of amitrole by UV radiation were prepared

[1]

- The porous texture of xerogels depends on the nature of the metal salt used

- Gel-induced synergic effect for photodegradation of amitrole was investigated

[2]

- Nickel xerogel presents the highest photoactivity of the studied materials

Graphical abstract

Abstract

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