Special Issue

Biochar Based Sustainable Sensing Platforms

Message from the Guest Editors

Biochar is a porous, carbonaceous material produced by the solvent-free pyrolysis of biomasses and it is rapidly emerging as an alternative to traditional synthetic carbon nanostructures to manufacture greener, sustainable, carbon-based materials to be used in diverse application fields. Its exploitation in sensing platforms has constantly grown in the last ten years, due to its favorable analytical performances, which were reported as comparable to those of the best traditional carbon-based materials. The fabrication and tailoring processes are constantly tuned and optimized, taking advantage of different chemical treatments and decoration procedures with metal/metal oxide nanoparticles and enzymes, aiming at further enhancing its selectivity and sensitivity. This Special Issue aims at collecting novel studies deepening our current knowledge on biochar-derived sensing materials. We chiefly encourage the submission of original research papers and short communications.

Guest Editors

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Deadline for manuscript submissions

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Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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