SUSTAINABLE CHEMISTRY AND PHARMACY

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DESCRIPTION

Sustainable Chemistry and Pharmacy publishes research that is related to green chemistry and sustainable chemistry or green pharmacy and sustainable pharmacy. Papers contributing to a better understanding of reducing or preventing waste on land, in water and in the atmosphere, saving energy, developing alternative energy sources, innovative use of existing natural resources, but also circular economy are also highly welcome.

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Computational chemistry, Design of dyes, Energy conversion, Redox processes, Intermolecular interactions

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chemistry education,sustainability,systems thinking,visualization

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Green polymers, photo-responsive polymers, dynamic polymers, reversible polymers, self-healing polymers, bio-based polymers, lignin-based polymers

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Her research interests include the design of polymers from sugar-based 2,5-furandicarboxylic acid (FDCA) and a wide variety of aliphatic moieties, namely vegetable oils-based monomers, and oligomeric polyesters or polyethers. Her research interests also span to the use of green solvents in polymers’ chemical recycling.

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Biorefining, Biomaterials, Advanced Materials, Nanocomposites, Photocatalysis

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Heterogeneous catalysis, nanocatalysis, biomass utilization, life cycle analysis

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