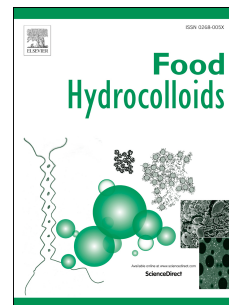


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Stability and rheology properties of oil-in-water emulsions prepared with mucilage extracted from *Opuntia ficus-indica* (L). Miller

Claudia Quinzio, Carolina Ayunta, Beatriz López de Mishima, Laura Iturriaga



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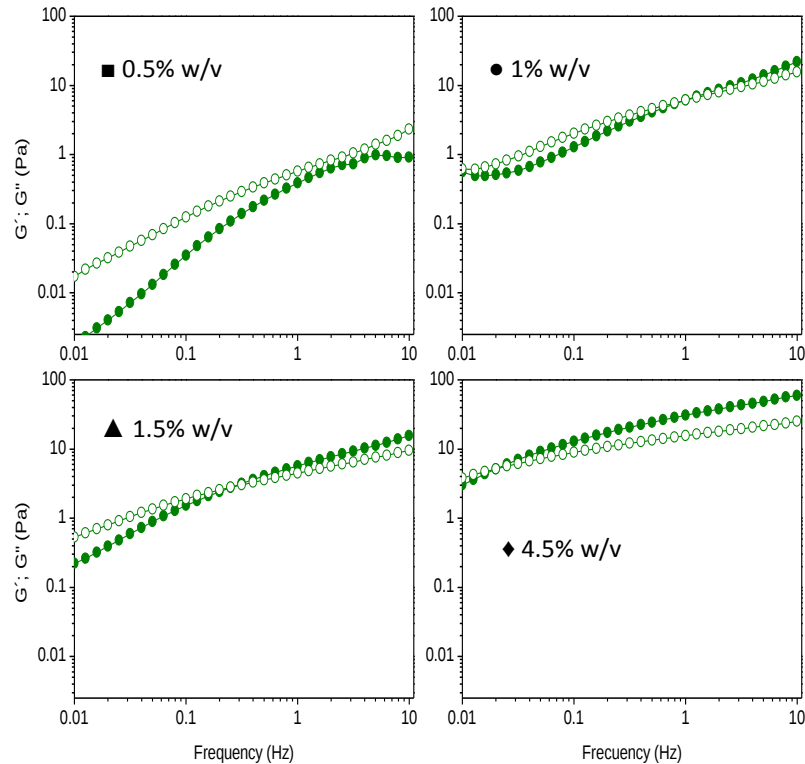
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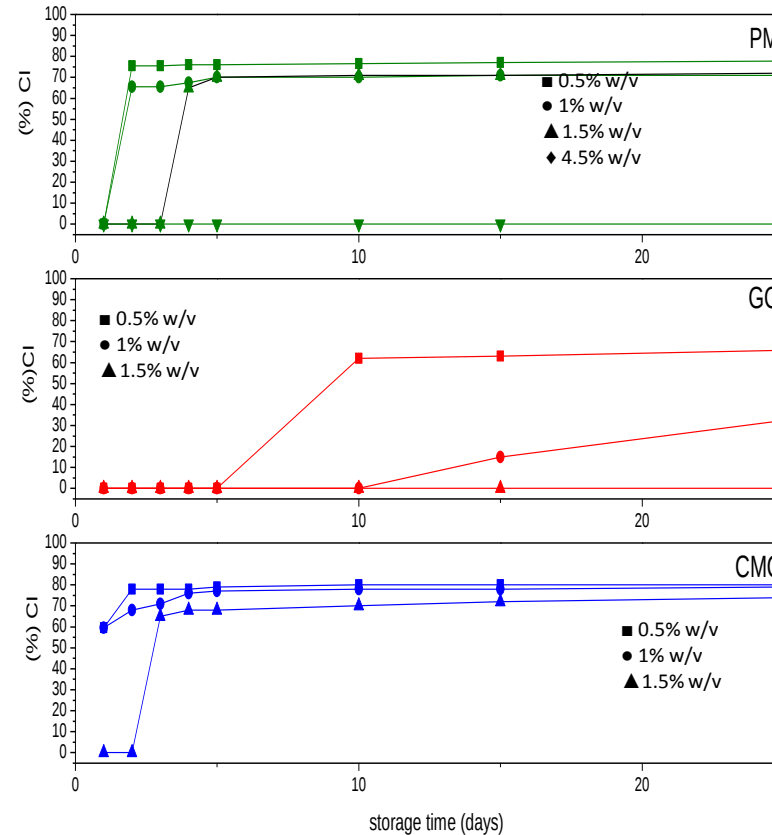
Stability and rheology properties of oil-in-water emulsions prepared with mucilage (*Opuntia ficus-indica* L. Miller)

Claudia Quinzio , Carolina Ayunta, Beatriz López de Mishima, Laura Iturriaga

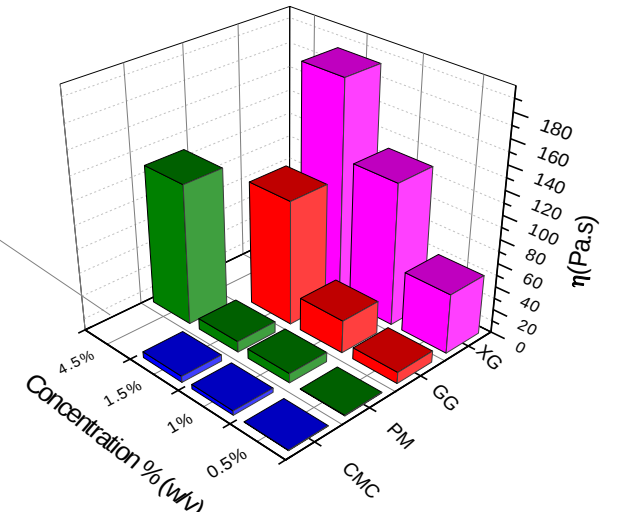


The mucilage presented viscoelastic behavior. An increase in concentration leads to an increase in relaxation time

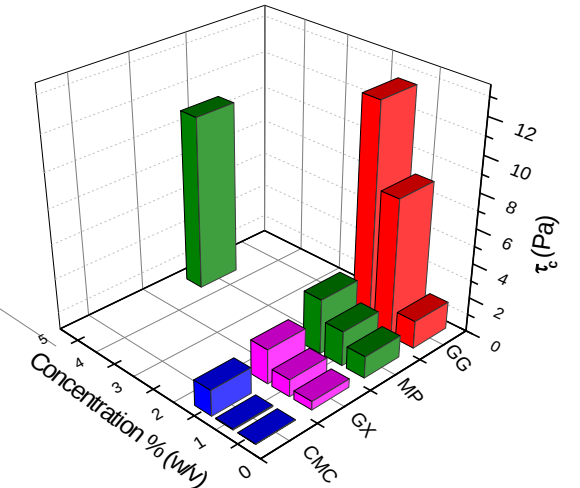
The PM emulsion at 4.5% (w/v) was as stable as the guar gum emulsion.



The emulsions containing PM, showed τ_c lower than that of the emulsion with GG but higher than that of emulsions containing XG.



The viscosity of the emulsion of PM 4.5% (w/v) was similar to that of GG at 1.5% (w/v)



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