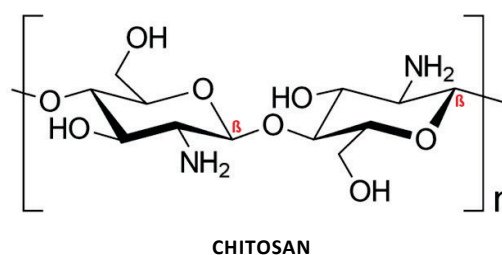


SCIENTIFIC ARTICLES

REVIEW

Deep Eutectic Solvents in the Production of Biopolymer-Based Materials

Melita Lončarić, Lidija Jakobek, Maja Molnar



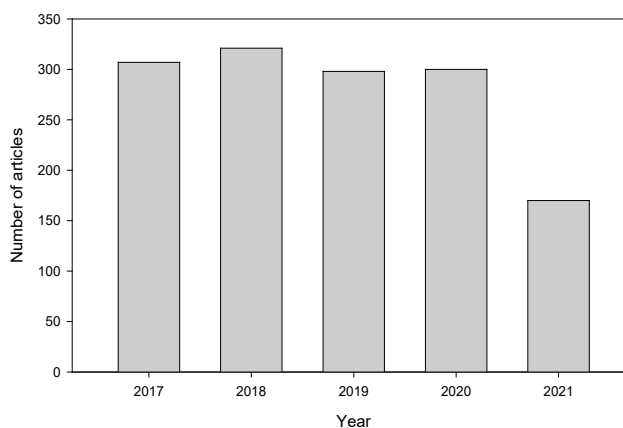
Croat. Chem. Acta 2021, 94(2), 75–82

DOI: 10.5562/cca3836

REVIEW

Imidazolium-Based Ionic Liquids: Some Research Methods, Applications and Physico-Chemical Properties

Renato Tomaš



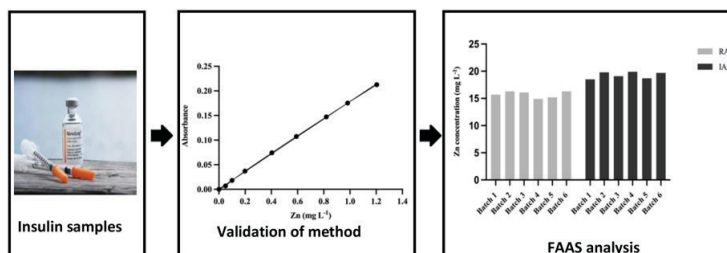
Croat. Chem. Acta 2021, 94(2), 83–94

DOI: 10.5562/cca3850

ORIGINAL SCIENTIFIC ARTICLE

Comparison of Zn Content in Rapid-acting Insulin and Biphasic Suspension by FAAS

Sofia Shkunnikova, Tea Širac, Katarina Lalić, Ankica Kulišić, Jasna Jablan

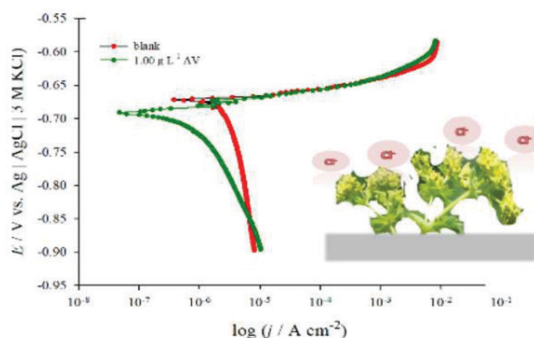


Croat. Chem. Acta 2021, 94(2), 95–102

DOI: 10.5562/cca3830

Corrosion Inhibition of Aluminium by *Alchemilla vulgaris* L. Extract in 3 % NaCl Solution

Ivana Martinović, Zora Pilić, Gloria Zlatić, Marija Barišić, Stipe Čelan

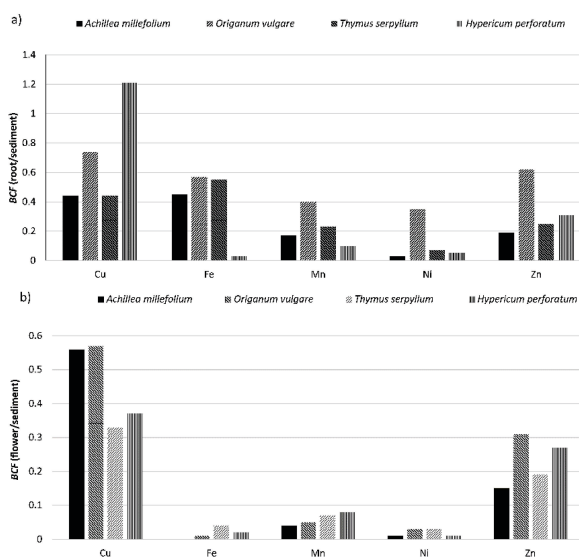


Spontaneous physisorption of *Alchemilla vulgaris* L. extract on aluminium surface.

Croat. Chem. Acta **2021**, *94*(2), 103–109
DOI: 10.5562/cca3858

Selected Metal Concentrations in Some Medical Herbs from Localities Around Mount Bjelasica

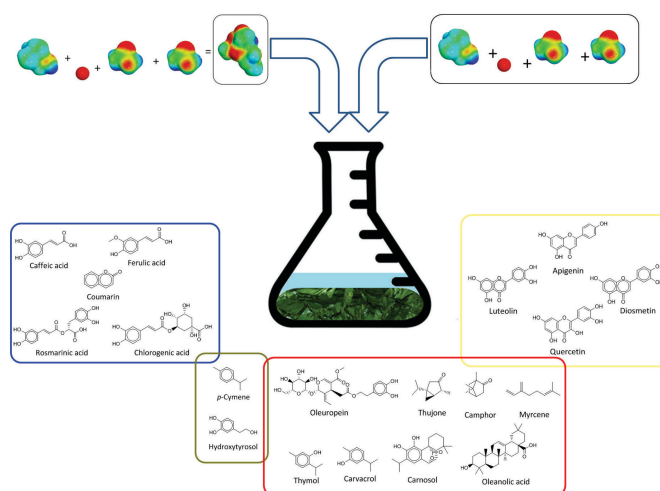
Vlatko Kastratović, Nada Blagojević, Vesna Vukašinović-Pešić



Croat. Chem. Acta **2021**, *94*(2), 111–118
DOI: 10.5562/cca3855

Solubility of Bioactive Compounds from Mediterranean Plants in Natural Deep Eutectic Solvents Estimated by COSMO-RS Software

Marko Viskić, Njara Rakotomanomana, Farid Chemat, Anet Režek Jambrak



Croat. Chem. Acta **2021**, *94*(2), 119–127
DOI: 10.5562/cca3863

On Marginal Entropy of Graphs

Bünyamin Şahin

$$I_D(G) = - \sum_{u \in V(G)} \frac{D(u)}{2W(G)} \log \left(\frac{D(u)}{2W(G)} \right)$$

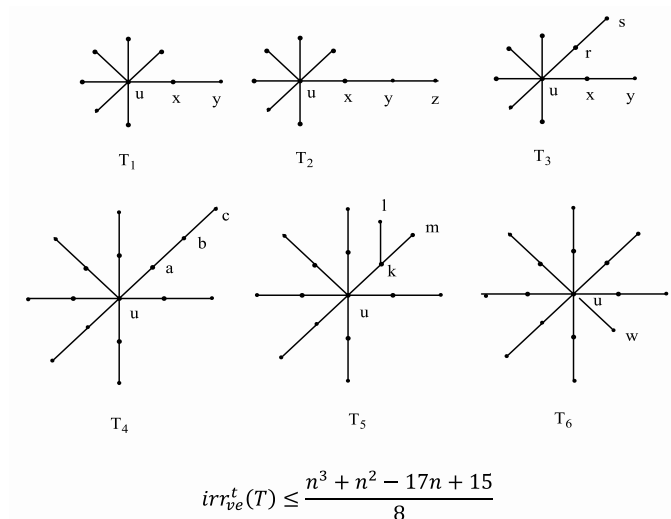
The Marginal Entropy of a Graph G

Croat. Chem. Acta **2021**, *94*(2), 129–132

DOI: 10.5562/cca3811

On ve -Degree Irregularity Indices

Abdulgani Şahin



Croat. Chem. Acta **2021**, *94*(2), 133–138

DOI: 10.5562/cca3813

$$irr_{ve}^t(T) \leq \frac{n^3 + n^2 - 17n + 15}{8}$$