

Editorial

Polymers – A New Open Access Scientific Journal on Polymer Science

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Polymers is a new interdisciplinary, Open Access scientific journal on polymer science, published by Molecular Diversity Preservation International (MDPI). This journal welcomes manuscript submissions on polymer chemistry, macromolecular chemistry, polymer physics, polymer characterization and all related topics. Both synthetic polymers and natural polymers, including biopolymers, are considered. Manuscripts will be thoroughly peer-reviewed in a timely fashion, and papers will be published, if accepted, within 6 to 8 weeks after submission.

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When I was a graduate student of physical chemistry in the USA, I took a graduate course on polymer chemistry. The instructor was a physical chemist. He taught a lot about thermodynamics theory of polymers, and introduced in detail the well-known Flory-Huggins theory where I studied and considered the entropy of mixing problem (and the Gibbs paradox [1-2]) seriously again. In the following years, I published several papers on Gibbs paradox and entropy of mixing and proposed a rather different entropy of mixing theory. In my humble opinion, Flory-Huggins theory should be revised. Of course more work must be done on this topic.

I believe that this journal will become a leading forum for related studies, including both polymer science and polymer technology. Both fundamental theory and experimental research and application are welcomed. Enjoy publishing with us!

References

1. Lin, S.-K. Correlation of entropy with similarity and symmetry. *J. Chem. Inf. Comp. Sci.* **1996**, *36*, 367-376.
2. Lin, S. K. Gibbs paradox and the concepts of information, symmetry, similarity and their relationship. *Entropy* **2008**, *10*, 1–5; doi:10.3390/entropy-e10010001.

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