

#### **A general treatment of solubility 4. Description and analysis of a PCA model for Ostwald solubility coefficients**

**Tulp, Indrek;** Dobchev, Dimitar A.; Katritzky, Alan R.; Acree, William jr; Maran, Uko Journal of chemical information and modeling 2010 / 7, p. 1275-1283 : ill <https://pubs.acs.org/doi/10.1021/ci1000828>

#### **Correlation of the melting points of potential ionic liquids (Imidazolium Bromides and Benzimidazolium Bromides) using CODESSA program [J.Chem.Inf.Comput.Sci. 42, 225-231 (2002)]**

Katritzky, Alan R.; Jain, Ritu; **Lomaka, Andre;** Petrukhin, Ruslan; **Karelson, Mati;** Visser, Ann E.; Rodgers, Robin D. Journal of chemical information and modeling 2005 / 2, p. 533-534 <https://pubs.acs.org/doi/10.1021/ci049691z>

#### **Legitimate utilization of large descriptor pools for QSPR/QSAR models**

Katritzky, Alan R.; **Dobchev, Dimitar;** Slavov, Svetoslav; **Karelson, Mati** Journal of chemical information and modeling 2008 / 11, p. 2207-2213 : ill <https://pubs.acs.org/doi/10.1021/ci8002073>

#### **Modeling the toxicity of chemicals to Tetrahymena pyriformis using heuristic multilinear regression and heuristic back-propagation neural networks**

**Kahn, Iiris;** Sild, Sulev; Maran, Uko Journal of chemical information and modeling 2007 / 6, p. 2271-2279 <https://pubs.acs.org/doi/10.1021/ci700231c>

#### **QSPR study of critical micelle concentration of anionic surfactants using computational molecular descriptors**

Katritzky, Alan R.; Pacureanu, Liliana; Dobchev, Dimitar; **Karelson, Mati** Journal of chemical information and modeling 2007 / 3, p. 782-793 <https://pubs.acs.org/doi/10.1021/ci600462d>

#### **QSPR treatment of the soil sorption coefficients of organic pollutants**

**Kahn, Iiris;** Fara, Dan; **Karelson, Mati;** Maran, Uko; Andersson, Patrik L. Journal of chemical information and modeling 2005 / 1, p. 94-105 <https://pubs.acs.org/doi/10.1021/ci0498766>