**Recent publication (cucurbituril):**

D. Sigwalt, M. Šekutor, L. Cao, P. Y. Zavalij, J. Hostaš, H. Ajani, P. Hobza, K. Mlinarić-Majerski, R. Glaser, L. Isaacs: "[Unraveling the Structure-Affinity Relationship Between Cucurbit[n]urils (n = 7, 8) and Cationic Diamondoids](http://bib.irb.hr/prikazi-rad?&rad=862841). ", *J. Am. Chem. Soc.* **2017**, 139, 8; 3249-3258

J. Hostaš, D. Sigwalt, M. Šekutor, H. Ajani, M. Dubecký, J. Řezáč, P. Y. Zavalij, L. Cao, C. Wohlschlager, K. Mlinarić-Majerski, L. Isaacs, R. Glaser, P. Hobza: "[A Nexus between Theory and Experiment: Non-Empirical Quantum Mechanical Computational Methodology Applied to Cucurbit[n]uril·Guest Binding Interactions](http://bib.irb.hr/prikazi-rad?&rad=838229)." *Chem.: a Eur. J.* **2016**, 22, 48; 17226-17238

Đ. Škalamera, L. Cao, L. Isaacs, R. Glaser, K. Mlinarić-Majerski: "Steric hindrance to the syntheses and stabilities of 1, 5- and 2, 6- naphthalene N-permethylated diammonium salts", *Tetrahedron* **2016**, *72*, 1541-1546.

L. Cao, Đ. Škalamera, P. Y. Zavalij, J. Hostaš, P. Hobza, K. Mlinarić-Majerski, R. Glaser, L. Isaacs: "Influence of hydrophobic residues on the binding of CB[7] toward diammonium ions of common ammonium⋯ammonium distance", *Org. Biomol. Chem*. **2015**, *13*, 6249-6254

L. Cao, M. Šekutor, P. Y. Zavalij, K. Mlinarić-Majerski, R. Glaser, L. Isaacs: "Cucurbit[7]uril⋅guest pair with an attomolar dissociation constant", *Angew. Chem. Int. Ed*. **2014**, *53*, 988-993.

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