List of Publications 1990-2009

Monographs:

1. Schneider, G., Baringhaus, K. H. *Molecular Design - Concepts and Applications*. Wiley-VCH, Weinheim, **2008**.
2. Böhm, H.-J., Schneider, G. (Eds) *Protein-Ligand Interaction – From Molecular Recognition to Drug Design*. Wiley-VCH, Weinheim, **2003**.
3. Schneider, G., So, S. S. *Adaptive Systems In Drug Design*. Landes Bioscience: Georgetown, **2002**.
4. Böhm, H.-J., Schneider, G. (Eds) *Virtual Screening for Bioactive Molecules*. Wiley-VCH, Weinheim, **2000**.
5. Wrede, P., Schneider, G. (Eds) *Concepts in Protein Engineering and Design*. Walter-de-Gruyter, Berlin, New York, **1994**.

Special Journal Issues:

1. Glen, R., Schneider, G. (Eds) Challenges in Virtual Screening. *QSAR Comb. Sci.* **2006**, *25*(12).
2. Schneider, G., Downs, G. (Eds) Machine Learning Methods in QSAR Modeling. *QSAR Comb. Sci.* **2003**, *22*(5).

Peer-reviewed Papers:

1. Stauch, B., Hofmann, H., Perkovic, M., Weisel, M., Kopietz, F., Cichutek, K., Münk, C., Schneider, G. Model structure of APOBEC3C reveals a binding pocket modulating ribonucleic acid interaction required for encapsidation. *Proc. Natl. Acad. Sci. USA*, **2009**, *106*, 12079-12084.
2. Krüger, B., Weil, T., Schneider, G. Comparative virtual screening and novelty detection for NMDA Glycine(B) antagonists. *J. Comp. Aided Mol. Des*., **2009**, *23*, 869-881.
3. Esser, J., Rakonjac, M., Hofmann, B., Fischer, L., Provost, P., Schneider, G., Steinhilber, D., Samuelsson, B., Rådmark, O. Coactosin-like protein functions as a stabilizing chaperone for 5-lipoxygenase: role of tryptophan 102. *Biochem. J*., **2009**, *425*, 265-274.
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8. Noeske, T., Trifanova, D., Kauss, V., Renner, S., Parsons, C. G., Schneider, G., Weil, T. Synergism of virtual screening and medicinal chemistry: Identification and optimization of allosteric antagonists of metabotropic glutamate receptor 1. *Bioorg. Med. Chem*., **2009**, *17*, 5708-5715.
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