

Wissenschaftliche Publikationen vor 2010

- C.F. Mugal, J.B.W. Wolf, **H.H. von Grünberg** and H.Ellegren, *Conservation of Neutral Substitution Rate and Substitutional Asymmetries in Mammalian Genes*, *Genome Biol. Evol.* 1(2), 19–28 (2010).
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- S. Herrera-Velarde and **H.H. von Grünberg**, *Disorder-induced vs temperature-induced melting in two-dimensional colloidal crystals*, "Soft Matter", 5, 391 - 399 (2009).
- C. Mugal, **H.H. von Grünberg** and M. Peifer, *Transcription-induced mutational strand bias and its effect on substitution rates in human genes*, *Molecular Biology and Evolution* 26(1), 131-142 (2009).
- Debabrata Deb and **H.H. von Grünberg**, *Colloidal model system for island formation*, *J. Phys.: Condens. Matter* 21, 245102 (2009).
- J. Karro, M. Peifer, R. Hardison, M. Kollmann, **H.H. von Grünberg**, *Exponential decay of GC-content detected by strand-symmetric substitution rates influences the evolution of isochore structure*, *Molecular and Biology Evolution*, 25(2)362 (2008).
- D. Deb and **H.H. von Grünberg**, *Stabilizing a two-dimensional crystal by light-fields: pinning, depinning and the effect of disorder*, *J. Phys. Cond. Mat.:* 20 245104 (2008).
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- P. Keim, G. Maret and **H.H. von Grünberg**, *Frank's constant in the hexatic phase*, *Phys.Rev. E* 75, 031402 (2007).
- E. Trizac, L. Belloni, J. Dobnikar, **H. H. von Grünberg**, and R. Castañeda-Priego, *Macrion virial contribution to the osmotic pressure in charge-stabilized colloidal suspensions*, *Phys. Rev. E* 75,011401 (2007).
- **H.H. von Grünberg**, P. Keim and G. Maret, *Phase Transitions in Two-Dimensional Colloidal Systems*, Vol.3 of *Soft Matter*, "Colloidal Order from Entropic and Surface Forces": 3 by G. Gompfer and M. Schick, Wiley-VCH
- J.Dobnikar, R. Castaneda Priego, **H.H. von Grünberg** and E.Trizac, *Testing the relevance of effective interaction potentials between highly charged colloids in Suspension*, *New J. Phys.* 8 277 (2006).
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