

1.3. Water is H₂O. Is dat alles?

Auteur: Elmar C. Fuchs

Literatuur

Armstrong, W.G. (1893). Electrical phenomena. *The Electrical Engineer* 22 (February 10), 154–155.

[Bellamy, J. \(2013, 8 augustus\). Integrative medicine invades the U.S. military: part 3. *Science-Based Medicine*.](#)

Davenas, E., Beauvais, F., Amara J., et al. (1988). Human basophil degranulation triggered by very dilute antiserum against IgE. *Nature* 333, 816–818.

Fuchs, E. C., Woisetschläger, J., Gatterer, K., Maier, E., Pecnik, R., Holler, G., & Eisenkölbl, H. (2007). The floating water bridge. *J. Phys. D: Appl. Phys.* 40, 6112–6114.

Fuchs, E.C., Bitschnau, B., Wexler, A.D., Woisetschläger, J. & Freund, F.T. (2015). A quasi-elastic neutron scattering study of the dynamics of electrically constrained water. *J. Phys. Chem. B* 119(52), 15892–15900.

Fuchs, E. C., Woisetschläger, J., Wexler, A.D., Pecnik, R. & Vitiello, G. (2021). Electrically induced liquid-liquid phase transition in a floating water bridge identified by refractive index variations. *Water (MDPI)* 13(5), 602.

Gebauer D., Völkel, A. & Cölfen, H. (2008). Stable prenucleation calcium carbonate clusters. *Science* 322, 1819-1822.

Nilsson, A. & Pettersson, L.G.M. (2015). The structural origin of anomalous properties of liquid water. *Nature Communications* 6, 8998.

Paulitsch-Fuchs, A.H., Stanulewicz, N., Pollner, B., Dyer, N. & Fuchs, E.C. (2021). Strong gradients in weak magnetic fields affect the long-term biological activity of tap water. *Water (Seattle)* 12, 28-45.

Piatkowski, L., Wexler, A.D., Fuchs, E.C., Schoenmaker, H. & Bakker, H.J. (2012). Ultrafast vibrational energy relaxation of the water bridge. *PCCP* 14, 6160-6164.

Sammer, M., Wexler, A.D. Kuntke, P., Wiltsche, H., Stanulewicz, N., Lankmayr, E., Woisetschläger, J. & Fuchs, E.C. (2015). Proton production, neutralisation and reduction in a floating water bridge. *J. Phys D: Appl. Phys.* 48, 415501.

Sammer, M., Kamp, C., Paulitsch-Fuchs, A. ., Wexler, A.D., Buisman, C.J.N. & Fuchs, E.C. (2016). Strong gradients in weak magnetic fields induce DOLLOP formation in tap water. *Water* 8, 79.

Teixeira, J. (2007). Can water possibly have a memory? A sceptical view. *Homeopathy* 96, 158-162.

Tyner, K.M., Kopelman, R., & Philbert, M.A. (2007). “Nanosized Voltmeter” enables cellular-wide electric field mapping. *Biophysical Journal* 93(4), 1163-1174.

Wexler, A.D., Fuchs, E.C., Woisetschläger, J. & Vitiello, G. (2019). Electrically induced liquid-liquid phase transition in water at room temperature. *PCCP* 21, 18541-18550.

<https://water.lsbu.ac.uk/water/>

https://en.wikipedia.org/wiki/Ultrapure_water