

Veröffentlichungen (Cornelia Rauh) – (Stand: 18.01.2018)

Eingereichte Beiträge in peer-reviewed Zeitschriften

1. Rauh C, Vulprecht L, Delgado A, Mansberger I. (2016). Stirring of fruit preparations: Novel particles of biological origin with adaptable optical and mechanical properties for the optical diagnosis of multi-phase-flows. *Innovative Food Science and Emerging Technologies*, eingereicht.
2. Zoheidi L, Chin H, Rauh C, Delgado A (2016). Experimental Study of Milk Protein Foam Flow in Vertical Conduits. *Experiments in Fluids*, eingereicht.
3. Zoheidi L, Rauh C, Panradl C, Delgado A (2016). Experimental Investigation of the Protein Foam Flow Structure in Horizontal Channels: Flow Regime and Corresponding Bubble Size Distribution. *International Journal of Multiphase Flow*, eingereicht
4. Rauh C (2016). Construction of multiscale tailor made foam food systems: a review. *Trends in Food Science & Technology*, eingereicht.
5. Wolf A, Rauh C, Delgado A (2016). Dynamics and expansion behavior of a small bubble in a protein solution - Adaptation of protein adsorption time to bubble expansion time. *Physics of Fluids*, eingereicht.
6. Pathak N, Caleb O, Geyer M, Herrpich W, Rauh C, Mahajan P (2016). Photocatalytic and Photochemical Oxidation of Ethylene Using UV Wavelength and TiO₂: Application for Storage of Fresh Produce. *Food and Bioprocess Technology*, eingereicht.
7. Anderl D, Bauer M, Rude U, Rauh C, Delgado A (2014). Foam Flow through Channels with the Lattice Boltzmann Method. *Computers & Mathematics with Application*, eingereicht.
8. Gladbach K, Rauh C, Delgado A (2014). Rheological behaviour of protein foams - Mathematical analysis of stationary shear flows. *Archive of Applied Mechanics*, eingereicht
9. Antonio Delgado, José Rodriguez Agudo, Cornelia Rauh; A statistical model for high pressure induced solid-liquid phase transition of substances with high molar volume, *The Journal of Supercritical Fluids*, accepted

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Buchkapitel

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Konferenzbeiträge

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