



Organ

The journal is the official organ of the Division Detergent Chemistry of the German Chemical Society (GDCh e. V.)

Editor-in-Chief

Dr. rer. nat. Beatrix Föllner
Am Kreuzberg 5
41334 Nettetal
Tel.: +49 2153 952540
Fax: +49 2153 952541
tenside@degruyter.com
www.tsd-journal.com

Advisory Board

Z. Amjad, Brecksville, OH, USA
D. Bockmühl, Kleve
D. Boeckh, Ludwigshafen
U. Buller, Golm
D. Carrière, Gif-sur-Yvette, France
M. Dreja, Düsseldorf
P. J. Hauser, Raleigh, NC, USA
S. Iglauer, Perth, Australia
C. James, Cardiff, U.K.
V. Nardello-Rataj, Lille, France
W. M. Nelson, Jefferson, AR, USA
V. Raghavan, Cleveland, OH, USA
R. Schomäcker, Berlin
R. Stamminger, Bonn
J. Song, Flint, MI, USA
R. Strey, Köln
C. Stubenrauch, Stuttgart

This journal is covered in Science Citation Index Expanded® Current Contents/Physical, Chemical and Earth Sciences®.

DE GRUYTER

Walter de Gruyter GmbH
Genthiner Straße 13
10785 Berlin
Germany
www.tsd-journal.com
www.degruyter.com

PHYSICAL CHEMISTRY

- Zuzana Vitková, Marián Tárník, Jarmila Pavlovičová, Anton Vitko, Jarmila Oremusová, Ján Murgaš and Andrej Babinec* 4
From Static to Dynamic Modeling of Surfactants Micellization
- Zheng Zhu, Xiaohao Lu, Liangliang Lin, Hujun Xu and Haiyan Gao* 13
Study on the Interaction of Cationic Gemini Surfactant with Sodium Carboxymethyl Cellulose
- Binbin He, Liangliang Lin and Hujun Xu* 20
Study on Binary Mixture System of Lauroyl Sodium Glutamate Surfactant
- Moussa Alibrahim* 27
Cloud Point Extraction of Direct Blue 71 Dye using Triton X-100 as Nonionic Surfactant

APPLICATION

- Tomasz Wasilewski, Zofia Nizioł-Lukaszewska, Tomasz Bujak, Edyta Szmuc, Dominik Czerwonka, Magdalena Mucha and Katarzyna Sarna* 33
The Role of Solid Particles Obtained from Plant Materials in Improvement the Quality of Cosmetic Care Balms
- Yinhua Li, Zhongyuan Xu, Mengting Yu, Zhen Wang, Weixing Ma and Zibo Dong* 44
Two Novel Methods for the Determination of Benzalkonium Chloride in Bandages by Resonance Light Scattering Technology
- Rawya Gamal, Nader A.A. Edress, Khaled A. Abuhasel, Ayman A. El-Midany and Salah E. El-Mofty* 51
Role of Magnesium Salts in Coal De-Ashing by Flotation
- Yang Wang* 59
Surface Dilatational Properties and Foam Performance of Surfactant-Nanoparticle Foaming System under Ultra-High Salinity

NOVEL SURFACTANTS

- Kirti Datir, Harshada Shinde and Amit P. Pratap* 67
Preparation of a Gemini Surfactant from Mixed Fatty Acid and its Use in Cosmetics

BIOSURFACTANTS

- Ali Javadi, Mohamad Reza Pourmand, Javad Hamed, Fatemeh Gharebaghi, Zohre Baseri, Hossein Ali Rahdar, Abbas Morowati, Razieh Mohammadzadeh and Seyyed Saeed Eshraghi* 74
Production and Characterization of Biosurfactant by Nocardia Species Isolated From Soil Samples in Tehran

- IMPRINT 81