

**KRÜSS Literature List: K100SF, K14**

Number	Title	Authors	Journal	Year	Vol./No.	Pages
4250	Wettability of carbon fibres at micro- and mesoscales	Jian Wang, Carlos A. Fuentes, Dongxing Zhang, Xungai Wang, Aart Willem Van Vuure, David Seveno	Carbon	2017	120	438-446
4182	Biosurfactant from Lysinibacillus chungkukjangi from Rice Bran Oil Sludge and Potential Applications	Garima Bhardwaj, Swaranjit Singh Cameotra, Harish Kumar Chopra	Journal of Surfactants and Detergents	2016	19	957-965
4171	Wettability of a Single Carbon Fiber	Si Qiu, Carlos A. Fuentes, Dongxing Zhang, Aart Willem Van Vuure and David Seveno	Langmuir	2016		
3891	Bamboo fibres for reinforcement in composite materials: Strength Weibull analysis	E. Trujillo, M. Moesen, L. Osorio, A.W. Van Vuure, J. Ivens, I. Verpoest	Composites: Part A	2014	61	115-125
3941	Potential errors in the measurement of contact angles by means of single fiber tensiometry	Matthias Bartusch, Rolf-Dieter Hund, Chokri Cherif	Technical Textiles	2014	4	133-135
4042	Instrumentelle chemisch/physikalische Analytik		ITM Jahresbericht 2014	2014		
3445	Effect of shrinkage reducing admixture on flexural behaviors of fiber reinforced cementitious composites	Jun-Yan Wang, Nemkumar Banthia, Min-Hong Zhang	Cement & Concrete Composites	2012	34	443-450
3493	VOID PREDICTION DURING LIQUID COMPOSITE MOLDING PROCESSES: WETTING AND CAPILLARY PHENOMENA	A. Ben Abdelwahed, Y. Wielhorski, L. Bizet, J. Bréard	ECCM15 - 15TH EUROPEAN CONFERENCE ON COMPOSITE MATERIALS	2012		1-7
2489	Study on an oxygen plasma treatment of a basalt fiber and its effect on the interlaminar fracture property of basalt/epoxy woven composites	M.T. Kim, M.H. Kim, K.Y. Rhee, S.J. Park	Composites Part B: Engineering	2011	42/3	499-504
2022	Pattern-Dependent Tunable Adhesion of Superhydrophobic MnO <sub>2</sub> Nanostructured Film	Xiao Dan Zhao, Hai Ming Fan, Xiang Yang Liu, Haihua Pan, and Hong Yao Xu	Langmuir	2011	27 / 7	3224-3228
2493	Physico-chemical mechanisms governing the adherence of starch granules on materials with different hydrophobicities	Jean G. Detry, Marianne Sindic, Marjorie J. Servais, Yasmine Adriaensen, Sylvie Derclaye, Claude Deroanne, Paul G. Rouxhet	Journal of Colloid and Interface Science	2011	355/1	210-221
1952	Spatial Probing of the Properties of the Human Hair Surface Using Wilhelmy Force Profiles	Franz J. Wortmann, Gabriele Wortmann, Erik Schulze zur Wiesche	Langmuir	2010	26 / 10	7365-7369

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2232	Effect of steam explosion treatment on characteristics of wheat straw	Guangping Han, James Deng, Shuyin Zhang, Paul Bicho, Qinglin Wu	Industrial Crops and Products	2010	31/1	28-33
2923	Entwicklung einer Verfahrenstechnik zur Sterilisation von Medizinaltextilien und Implantaten mittels hochkomprimiertem Kohlenmonoxid und Ozon	Claudio Cinquemani, Klaus Opwis, Dierk Knittel, Eckhard Schollmeyer, Andreas Müllen	Abschlussbericht zum Projekt der Deutschen Bundesstiftung Umwelt - Referat Chemie	2009	AZ 25131-31	153 pages
2615	Untersuchung von Verbundwerkstoffen mit Basalt- und PBO-Faser-Verstärkung	Jianwen Liu	Dissertation	2008		1-179
1527	Dicke Schicht für fette Brocken - Mit dem Tensiometer auf Fischfang	Nick Hearn, Chris Rulison, Frank Thomsen	mo Metalloberfläche	2006	60 / 9	38-40
2921	From Surface Self-Assembly to Crystallization: Prediction of Protein Crystallization Conditions	Yanwei Jia, Xiang-Yang Liu	J. Phys. Chem. B	2006	110	6949-6955
1391	The role of surfactants, adhesion energy and interfacial tensions in fibre coating applications	N. Hearn	KRÜSS Application / Technical Notes	2005	AN245	1-5
2926	Entwicklung von neuen Schlichtemitteln für die Gewebeherstellung auf Basis von Chitosan unter technologischen und ökologischen Gesichtspunkten	Abu Bakr Siddique	Dissertation	2005		170 pages
2897	Heat Transfer Rates in Boiling of Cane Syrups and Molasses and the Phenomenon of 'Hard-to-boil' Massecurites	Michael Saska	2003 Annual Meeting of Sugar Industry Technologists, Inc., Hamilton, Island, Australia	2003		13 pages
1251	Wetting and scanning force microscopy on rough polymer surfaces: Wenzel's roughness factor and the thermodynamic contact angle	H. Kamusewitz, W. Possart	Appl. Phys. A - Materials Science & Processing	2003	76	899-902
2924	Scalp hair: a model for the evaluation of cosmetic formulations intended for depilation	Samira Khenniche, Bachir Bouali, Pierre Lanteri	Polymer International	2003	52	563-571
1496	Etude de l'égnation capillaire de tissus	Jean-Marc SÉNÉCOT	These; Université de Haute Alsace	2002		1-160
1269	"Contact Angle Determinations by the ""Straw"" Method and Packed Cell Method: Good alternatives to Arduous Single Fibre Contact Angle Experiments"	C. Rulison	KRÜSS Application / Technical Notes	2001	AN206	1-16
869	The Challenge of Damaged Hair Shampoos: Which Links Between Benefits on Damaged Hair and Measurable Physical Chemical Parameters	S.Rogasik, N.Martin, J.M.Ricca, W.Wielinga, O.Anthony	Seifen, Öle, Fette, Wachse	1999	125	32-39
419	Wilhelmy, Fourier... Neue Methode zur Untersuchung von Verteilungsmustern kosmetischer Wirkstoffe auf der Oberfläche von Humanhaar	E.Schulze zur Wiesche, F.-J.Wortmann	Parfümerie und Kosmetik	1999	Vol. 80 No. 0	24-27
849	Oberflächenmodifizierung von Glas- und Viskosefasern mit nichtstöchiometrischen Tensid/Polyelektrolyt- Komplexen und Polyelektroly/Polyelektrolykomplexen	S.Schmidt, H.M.Buchhammer, K.Lunkwitz	Tenside Surfactants Detergents	1997	4/97	267-271

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1354	Wetting and Sling-off Behavior of Spin Finishes	Thomas Engels, Raymond Mathis	1997 Joint Fall General Conference of Fibre Society	1997		
911	"Water-Containing Aerosol Hair Spray - Using Physical Measurements to Optimize Water-Containing Aerosol Hair Sprays"	J.L.Gormley, G.T.Martino, J.G.L.Pluyter, Q.K.Tong	Cosmetics & Toiletries Manufacture Worldwide	1997	reprint	209-216
782	Dry Drops - Entwicklung und Prüfung eines Trockengel-Applikators zur Anwendung im Auge	S.Grunthal	Thesis University of Bonn	1996		
2915	Measurement of Silicone Deposited on Hair by Various Analytical Methods	A. De Smedt, I. Van Reeth, S. Marchioretto, D.A. Glover, J. Naud	Dow Corning	1996		10 pages
604	Oberflächenmodifizierung von Glas- und Viskosefasern mit nichtstöchiometrischen Polyelektrolytkomplexen	S. Schmidt, H.M. Buchhammer, K. Lunkwitz	Poster published on 57. Hauptversammlung der Koll.Ges.	1995		
576	Langfaserverstärkte Kunststoffe auf der Basis von Naturfasern	K. Gliesche, E. Mäder	talk Techtexil symposium 1995	1995		
1580	Speeding up static and dynamic interfacial measurements	C. Moules	Laboratory Equipment Digest	1994		13-14
642	Evaluating Silicone Hair Treatments	Lee Gilman	KRÜSS Application / Technical Notes	1994	AN101	
555	Grenzflächenchemische Grundlagen der Präparation von Textilfaserstoffen	Grosse, Jakobasch	Tenside Surf. Det.metik	1994	31/6	377-384
450	Neue Geräte zur Charakterisierung von Gleichgewichts- und Dynamischer Oberflächenspannung fester und flüssiger tensidhaltiger Systeme	U.Ohlerich, C.Weser	SÖFW-Journal	1992	118./19	1209-1211