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4210	Evaluation of structural characteristics determining surface and foaming properties of β -lactoglobulin aggregates	J. Dombrowski, M. Gschwendtner, U. Kulozik	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2017	516	286-295
4242	Refractive-tunable and hydrophobic antireflective coatings by PMHS modification assisted sol-gel method	Yingying Sun, Hai Lin, Xingyu Hu, Cuixia Chen, Xuezheng Xie, Wenbin Yang, Xinxiang Zhang, Hanxian Chen	Materials Letters	2017	186	123-126
4243	Mechanical study of effect of ions in smart water injection into carbonate oil reservoir	Mostafa Lashkarbolooki, Shahab Ayatollahi, Masoud Riazi	Process Safety and Environmental Protection	2017	105	361-372
4228	Interfacial Activity of 2-Ethylhexan-1-ol-Based Surfactants in Quasi-ternary Systems	A. Chrusciel, W. Hreczuch, K. Dabrowska, K. Materna, A. Sznajdrowska	Journal of Surfactants and Detergents	2017	20/1	83-101
4244	Effect of moisture equilibration time and medium on contact angles of bacterial spores	Elisabeth Eschlbeck, Ulrich Kulozik	Journal of Microbiological Methods	2017	135	1-7
4246	Micropatterning of nanocomposite polymer scaffolds using sacrificial phosphate glass fibers for tendon tissue engineering applications	Feras Alshomer, Camilo Chaves, Tiziano Serra, Ifty Ahmed, Deepak M. Kalaskar	Nanomedicine: Nanotechnology, Biology, and Medicine	2017	13	1267-1277
4172	Forced versus Spontaneous Spreading of Liquids	A. Mohammad Karim, S. H. Davis, and H. P. Kavehpour	Langmuir	2016		
4072	Rhamnolipid and surfactin; Anti-adhesion/antibiofilm and antimicrobial effects	Livia Vieira de Araujo, Carolina Reis Guimaraes, Rafael Lucas da Silva Marquita, Vania M.J. Santiago, Maira Paula de Souza, Marcia Nitschke, Denise Maria Guimaraes Freire	Food Control	2016	63	171-178
4082	Mechanisms of imbibition during hydraulic fracturing in shale formations	Z. Zhou, H. Abass, X. Li, D. Bearinger, W. Frank	Journal of Petroleum Science and Engineering	2016	141	125-132
4073	Surface modification of a POSS-nanocomposite material to enhance cellular integration of a synthetic bioscaffold	Claire Crowley, Poramate Klanrit, Colin R. Butler, Aikaterini Varanoi, Manuela Platé, Robert E. Hynds, Rachel C. Chambers, Alexander M. Seifalian, Martin A. Birchall, Sam M. Janes	Biomaterials	2016	83	283-293
4157	A Material Conferring Hemocompatibility	William Everett, David J Scurr, Anna Rammou, Arnold Darbyshire, George Hamilton & Achala de Mel	Scientific Reports	2016	6	DOI: 10.1038/sr
4158	Membrane of Functionalized Reduced Graphene Oxide Nanoplates with Angstrom-Level Channels	Byeongho Lee, Kunzhou Li, Hong Sik Yoon, Jeyong Yoon, Yeongbong Mok, Yan Lee, Hong H. Lee & Yong Hyup Kim	Scientific Reports	2016	6	10.1038/srep280
4059	Replacing the solid needle by a liquid one when measuring static and advancing contact angles	Ming Jin, Raymond Sanedrin, Daniel Frese, Carsten Scheithauer, Thomas Willers	Colloid and Polymer Science	2016	294	1-9

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4067	Multiscale approach to characterize bulk, surface and foaming behavior of casein micelles as a function of alkalisation	Jannika Dombrowski, Johannes Dechau, Ulrich Kulozik	Food Hydrocolloids	2016	57	92-102
4076	Photocatalytic TiO ₂ thin films synthesized by the post-discharge of an RF atmospheric plasma torch	Stéphanie Collette, Julie Hubert, Abdelkarim Batan, Kitty Baert, Marc Raes, Isabelle Vandendael, Alain Daniel, Catherine Achambeaum, Herman Terry, Francois Reniers	Surface and Coatings Technology	2016		
4081	Corrosion protection of brasses and zinc in simulated urban rain. Part II. The combination of inhibitors benzotriazole and 2-mercaptobenzimidazole with stearic acid	G. Zerjav and I. Milosev	Materials and Corrosion	2016	67	92-103
4087	Surface tension of concentrated cellulose solutions in 1-ethyl-3-methylimidazolium acetate	Jeremias Schuermann, Tim Huber, Deborah LeCorre, Gérard Mortha, Mathieu Sellier, Benoît Duchemin, Mark P. Staiger	Cellulose	2016		1-8
4074	Mechanically durable, superhydrophobic coatings prepared by dual-layer method for anti-corrosion and self-cleaning	Zhaozhu Zhang, Bo Ge, Xuehu Men, Yong Li	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2016	490	2016
4079	One-step foaming method to functional polyurethane absorbents foam	Bo Ge, Xuehu Men, Yong Li and Zhaozhu Zhang	Separation Science and Technology	2016		
4104	Wettability of PEDOT:PSS films	C. Duc, A. Vlandasa, G.G. Malliaras, and V. Senez	Soft Matter	2016		
4151	Synthesis and Characterization of Fibre Reinforced Silica Aerogel Blankets for Thermal Protection	S. Chakraborty, A. A. Pisal, V. K. Kothari, and A. Venkateswara Rao	Advances in Materials Science and Engineering	2016		
4184	Universality in freezing of an asymmetric drop	Md Farhad Ismail and Prashant R. Waghmare	Applied Physics Letters	2016	109	234105
4066	Why Test Inks Cannot Tell the Whole Truth about Surface Free Energy of Solids	Ming Jin, Frank Thomsen, Thomas Skrivaneck and Thomas Willers	Advances in Contact Angle, Wettability and Adhesion	2015	2	419-438
4071	Effect of wettability alteration on enhanced heavy oil recovery by alkaline flooding	Houjian Gong, Yajun Li, Mingzhe Dong, Shanzhou Ma, Weirong Liu	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2015	488	28-35
4127	Needle-free drop deposition: the role of elastic membranes	Prashant R. Waghmare, Surjyasish Mitra, Naga Siva Kumar Gundab and Sushanta K. Mitra	RSC Advances	2015	116	82374-82380
3981	Combustion chemical vapor deposition	Volkmar J. Eigenbrod, Christina Hensch, Alexander Kemper	VIP-Journal	2015	27/3	30-34
3925	Polysaccharide-based aerogel microspheres for oral drug delivery	C.A. García-González, M. Jin, J. Gerth, C. Alvarez-Lorenzo, I. Smirnova	Carbohydrate Polymers	2015	117	797-806
3953	Cold-Induced Spreading of Water Drops on Hydrophobic Surfaces	Faryar Tavakoli, H. Pirouz Kavehpour	Langmuir	2015		
3954	Effect of poly(vinyl alcohol-co-vinyl acetate) copolymer blockiness on the dynamic interfacial tension and dilational viscoelasticity of polymer/anionic surfactant complex at the water/1-chlorobutane interface	Leonard Ionut Atanase, Sophie Bistac, Gerard Riess	Soft matter	2015		1-26
3957	Self-Assembly of PEI/SiO ₂ on Polyethylene Separators for Li-Ion Batteries with Enhanced Rate Capability	Zhuyi Wang, Fangling Guo, Cheng Chen, Liyi Shi, Shuai Yuan, Lining Sun, Jiefang Zhu	ACS Appl. Mater. Interfaces	2015		

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3962	Biocompatibility of poly(2-alkyl-2-oxazoline) brush surfaces for adherent lung cell lines	Angela Tait, Adam L. Fisher, Tom Hartland, David Smart, Peter Glynn-Jones, Martyn Hill, Emily J. Swindle, Martin Grossel, Donna E. Davies	Biomaterials	2015	61	26-32
3979	Contact Angles of Wetting and Water Stability of Soil Structure	V. A. Kholodova, N. V. Yaroslavtseva, M. A. Yashin, A. S. Frid, V. I. Lazarev, Z. N. Tyugai, and E. Yu. Milanovskiy	Eurasian Soil Science	2015	48/6	600-607
4044	Application of Deep Eutectic Solvents and Their Individual Constituents as Surfactants for Enhanced Oil Recovery	Mohamed K. Hadj-Kali, Khalid E. Al-khidir, Irfan Wazeer, Lahssen El-blidi, Sarwono Mulyono, Inas M. AlNashef	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2015	487	221-231
4128	Needle-free drop deposition technique for contact angle measurements of superhydrophobic surfaces	Prashant R. Waghmare and Sushanta K. Mitra	Journal of Applied Physics	2014	116	
3454	General frost growth mechanism on solid substrates with different stiffness	Julien Petit and Elmar Bonaccorso	Langmuir	2014		1-27
3555	Modification of glucose oxidase for the development of biocatalytic solvent inks	Joey N. Talbert, Fei He, Kayla Seto, Sam R. Nugen, Julie M. Goddard	Enzyme and Microbial Technology	2014	55	21-25
3584	Design and development of nanocomposite scaffolds for auricular reconstruction	Leila Nayyer, Martin Birchall, Alexander M. Seifalian, Gavin Jell	Nanomedicine: Nanotechnology, Biology, and Medicine	2014	10	235-246
3631	Preparation of modified glassy carbon surface with N-(1-H-indole-3yl) methylene thiazole-2-amine and its characterization	Demet Uzun, Halit Arslan, Ayla Balaban Gündüzalp, Erdogan Hasdemir	Surface & Coatings Technology	2014	239	108-115
3632	Facile fabrication of a robust super-hydrophobic surface on magnesium alloy	Qingwei Chu, Jun Liang, Jingcheng Hao	Colloids and Surfaces A: Physicochem. Eng. Aspects	2014	443	118-122
3683	Optimierung von Easy-to-Clean-Kompositbeschichtungen mithilfe hydrophober Nanopartikel	Nina Barth, Jutta Hesselbach, Carsten Schilde, Arno Kwade	Chem. Ing. Tech.	2014	3	287-294
3692	Comparison of the Mass Transfer of Pendant and Levitated Droplets in CO ₂	Danijel Borosa, Jonas Brinkmann, Sabine Kareth, Andreas Kilzer, Marcus Petermann	Chem. Ing. Tech.	2014	5	666-674
3695	High throughput assessment and chemometric analysis of the interaction of epithelial and fibroblast cells with a polymer library	Adam D. Celiz Helen C. Harrington Andrew L. Hook	Applied Surface Science	2014		1-26
3722	General Frost Growth Mechanism on Solid Substrates with Different Stiffness	Julien Petit, Elmar Bonaccorso	Langmuir	2014	30	1160-1168
3725	Stability of (Bio)Functionalized Porous Aluminum Oxide	Aline Debrassi, Angela Ribbera, Willem M. de Vos, Tom Wennekes, Han Zuilhof	Langmuir	2014	30	1311-1320
3730	Dopamine-Assisted Deposition of Dextran for Nonfouling Applications	Yunxiao Liu, Chia-Pin Chang, Tao Sun	Langmuir	2014	30	3118-3126
3734	Electrostatic Suppression of the "Coffee Stain Effect"	Alexander W. Wray, Demetrios T. Papageorgiou, Richard V. Craster, Khellil Sefiane, Omar K. Matar	Langmuir	2014	30	5849-5858
3735	Hydrolytic and Thermal Stability of Organic Monolayers on Various Inorganic Substrates	Nagendra S. Bhairamadgi, Sidharam P. Pujari, Florencio Gerardo Trovela, Aline Debrassi, Ahmed Arafat Khamis, Jose Maria Alonso, Abdulrahim A. Al Zahrani, Tom Wennekes, Hamad A. Al-Turaif, Cees	Langmuir	2014	30	5829-5839

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		van Rijn, Yahia A. Alhamed, Han Zuilhof				
3739	Tailoring the LCST of Thermosensitive Hydrogel Thin Films Deposited by iCVD	Abdon Pena-Francesch, Laura Montero, Salvador Borros	Langmuir	2014	30	7162-7167
3740	High-Frequency Acoustic for Nanostructure Wetting Characterization	Sizhe Li, Sebastien Lamant, Julien Carlier, Malika Toubal, Pierre Campistron, Xiumei Xu, Guy Vereecke, Vincent Senez, Vincent Thomy, Bertrand Nongaillard	Langmuir	2014	30	7601-7608
3741	Micropatterned Ferrocenyl Monolayers Covalently Bound to Hydrogen-Terminated Silicon Surfaces: Effects of Pattern Size on the Cyclic Voltammetry and Capacitance Characteristics	Bruno Fabre, Sidharam P. Pujari, Luc Scheres, Han Zuilhof	Langmuir	2014	30	7235-7243
3786	Chemically diverse polymer microarrays and high throughput surface characterisation: a method for discovery of materials for stem cell culture	A. D. Celiz, J. G. W. Smith, A. K. Patel, R. Langer, D. G. Anderson, D. A. Barrett, L. E. Young, M. C. Davies, C. Denningband, M. R. Alexander	Biomater. Sci.	2014	2	1604-1611
3821	In situ preparation of core-satellites nanostructural magnetic-Au NPs composite for catalytic degradation of organic contaminants	Jing Hua, Ya-lei Dong, Zia ur Rahman, Yan-hua Ma, Cui-ling Ren, Xing-guo Chen	Chemical Engineering Journal	2014	254	514-523
3825	4-Fluoro-3-nitrophenyl grafted gold electrode based platform for label free electrochemical detection of interleukin-2 protein	Sunil K. Aryan, Mi Kyoung Park	Biosensors and Bioelectronics	2014	61	260-265
3831	Competitive adsorption of the protein hydrophobin and an ionic surfactant: Parallel vs sequential adsorption and dilatational rheology	Rumyana D. Stanimirova, Krastanka G. Marinova, Krassimir D. Danov, Peter A. Kralchevskya, Elka S. Basheva, Simeon D. Stoyanov, Eddie G. Pelan	Colloids and Surfaces A: Physicochem. Eng. Aspects	2014	457	307-317
3838	On the droplet formation in hollow-fiber emulsification	Hans Breisig, Jens Hoppe, Thomas Melin, Matthias Wessling	Journal of Membrane Science	2014	467	109-115
3840	Pore preserving crosslinkers for polyimide OSN membranes	H. Siddique, Y. Bhole, L.G. Peeva, A.G. Livingston	Journal of Membrane Science	2014	465	138-150
3841	Interaction mechanisms and predictions on membrane fouling in an ultrafiltration system, using the XDLVO approach	Tao Lina, Zijian Lu, Wei Chen	Journal of Membrane Science	2014	461	49-58
3842	A novel salt-responsive TFC RO membrane having superior antifouling and easy-cleaning properties	Jianqiang Meng, Zhen Cao, Lei Ni, Yufeng Zhang, Xiaoyan Wang, Xin Zhang, Enhua Liu	Journal of Membrane Science	2014	461	123-129
3844	Polyamide-POSS hybrid membranes for seawater desalination: Effect of POSS inclusion on membrane properties	Jun Hyuk Moon, Anki Reddy Katha, Shanthi Pandian, Subramanya Mayya Kolake, Sungsoo Han	Journal of Membrane Science	2014	461	89-95
3857	The effect of large-area pulsed electron beam melting on the corrosion and microstructure of a Ti6Al4V alloy	J.C. Walker, J.W. Murray, M. Nie, R.B. Cook, A.T. Clare	Applied Surface Science	2014	311	534-540
3859	Superhydrophobic coating deposited directly on aluminum	Ana M. Escobar, Nuria Llorca-Isern	Applied Surface Science	2014	305	774-782
3860	Optimization and characterization of biomolecule immobilization on silicon substrates using (3-aminopropyl)triethoxysilane (APTES) and glutaraldehyde linker	Naga Siva Kumar Gunda, Minashree Singh, Lana Norman, Kamaljit Kaur, Sushanta K. Mitra	Applied Surface Science	2014	305	522-530
3867	The effect of oxidizing agents/systems on the properties of track-etched PET membranes	Ilya V. Korolkov, Anastasiya A. Mashentseva, Olgun Güvenc, Dinara T. Niyazova, Murat Barsbay, Maxim V.	Polymer Degradation and Stability	2014	107	150-157

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		Zdorovets				
3871	Phenoxy herbicidal ammonium ionic liquids	Roksana Kordala-Markiewicz, Hubert Rodak, Bartosz Markiewicz, Filip Walkiewicz, Agata Sznajdrowska, Katarzyna Materna, Katarzyna Marcinkowska, Tadeusz Praczyk, Juliusz Pernak	Tetrahedron	2014	70	4784-4789
3876	Photocatalytic activity of titania coatings synthesised by a combined laser/sol-gel technique	Y. Adraider, Y.X. Pang, F. Nabhani, S.N. Hodgson, M.C. Sharp, A. Al-Waidh	Materials Research Bulletin	2014	54	54-60
3886	Membrane fouling and wetting in a DCMD process for RO brine concentration	Ju Ge, Yuelian Peng, Zhehao Li, Ping Chen, Shaobin Wang	Desalination	2014	344	97-107
3923	Density, Viscosity, Speed of Sound, Bulk Modulus, Surface Tension, and Flash Point of Binary Mixtures of n-Hexadecane + Ethylbenzene or + Toluene at (293.15 to 373.15) K and 0.1 MPa	Dianne J. Luning Prak, Jim S. Cowart, Andrew M. McDaniel, Paul C. Trulove	J. Chem. Eng. Data	2014		
3924	Spreading and Arrest of a Molten Liquid on Cold Substrates	F. Tavakoli, Stephen H. Davis, H. P. Kavehpour	Langmuir	2014		10151-10155
3928	Influence of Nonionic Rosin Surfactants on Surface Activity of Silica Particles and Stability of Oil in Water Emulsions	Ayman M. Atta, Hamad A. Al-Lohedan	J Surfact Deterg	2014	17	1043-1053
4174	AUFBAU UND VALIDIERUNG VON IN-SITU-MESSMETHODEN FÜR DEN HOCHDRUCKBEREICH – PHASENVERHALTEN, DICHTEN, VISKOSITÄTEN UND GRENZFLÄCHENSPANNUNGEN DES MODELLSYSTEMS POLYETHYLENGLYCOL, WASSER UND KOHLENSTOFFDIOXID	Jonas Brinkmann	Dissertation	2013		
4023	Methods for Determining Wettability Alteration	Mikhail Stukan, Wael Abdallah	United States Patent Application Publication	2013	US 2013015266	1-8
3357	Investigation of Wettability Alteration and Oil-Recovery Improvement by Low-Salinity Water in Sandstone Rock	Ramez A. Nasralla, Mohammed A. Bataweel, Hisham A. Nasr-El-Din	Journal of Canadian Petroleum Technology	2013		144-154
3398	The Wettability Alteration Behavior of Cationic Gemini Surfactants on Oilaged Mica Mineral Surfaces	Rui Zhang, Jinwei Zhou, Lin Peng, Ni Qin, Zhongbin Ye	Tenside Surfactants Detergents	2013	03	214-218
3408	Sliding of Water Droplets on Smooth Hydrophobic Silane Coatings with Regular Triangle Hydrophilic Regions	Akira Nakajima, Yosuke Nakagawa, Tsutomu Furuta, Munetoshi Sakai, Toshihiro Isobe, Sachiko Matsushita	Langmuir	2013	29	9269-9275
3436	Formation of nanoemulsions in stirred media mills	Jochen Schmidt, Cornelia Damm, Stefan Romeis, Wolfgang Peukert	Chemical Engineering Science	2013	102	300-308
3448	Plasma-driven tunable liquid adhesion of superoleophobic aluminum surfaces	Jin Yang, Haojie Song, Hua Tang, Haiyan Ji, Changsheng Li	Applied Surface Science	2013	280	940-944
3449	Evaluation of icephobic coatings—Screening of different coatings and influence of roughness	Markus Susoff, Konstantin Siegmann, Cornelia Pfaffenroth, Martina Hirayama	Applied Surface Science	2013	282	870-879
3455	Influence of acylation on the adsorption of GLP-2 to hydrophobic surfaces	Charlotte Pinholt, Sebastian J. Kapp, Jens T. Bukrinsky, Susanne Hostrup, Sven Frokjaer, Willem Norde, Lene Jorgensen	International Journal of Pharmaceutics	2013	240	63-71
3457	Contact angle and surface energy analysis of soy materials subjected to potassium permanganate and autoclave treatment	Barbara E. Guettler, Christine Moresoli, Leonardo C. Simon	Industrial Crops and Products	2013	50	219-226
3460	Water-repellent functional coatings through hybrid SiO ₂ /HTEOS/CPTS sol on the surfaces of cellulose fibers	Yunjie Yin, Chaoxia Wang	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2013	417	120-125

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3463	Evaluation of different substrates for inkjet printing of rasagiline mesylate	Natalja Genina, Eva Maria Janßen, Armin Breitenbach, Jörg Breittkreutz, Niklas Sandler	European Journal of Pharmaceutics and Biopharmaceutics	2013		
3466	Preparation of polyacrylamide/silica composite capsules by inverse Pickering emulsion polymerization	Kui Zhang, Qian Wang, Hong Meng, Mian Wang, Wei Wu, Jianfeng Chen	Particuology	2013		
3470	A facile method for imparting superoleophobicity to polymer substrates	Guina Ren, Zhaozhu Zhang, Xiaotao Zhu, Bo Ge, Kun Wang, Xianghui Xu, Xuehu Men, Xiaoyan Zhou	Appl Phys A	2013		
3471	Fabrication of superhydrophobic surface from binary micro-/nano-structure of mullite-whisk-based films	Zhengyan Deng, Yongjin Yin, Shengyang Yang, Cai-Feng Wang, Su Chen	Appl Phys A	2013		
3472	Contact angle hysteresis of bovine serum albumin (BSA) solution/metal (Au-Cr) coated glass substrate	Prashant R. Waghmare, Sushanta K. Mitra	Colloid Polym Sci	2013	291	375-381
3473	Facile fabrication of fluorescent-superhydrophobic bifunctional ligand-free quantum dots	Qiang Zhang, Jian Yang, Cai-Feng Wang, Qiao-Ling Chen, Su Chen	Colloid Polym Sci	2013	291	717-723
3474	Template-assisted electrodeposition of highly ordered macroporous zinc structures from an ionic liquid	Z. Liu, A. Prowald, S. Zein El Abedin, F. Endres	J Solid State Electrochem	2013	17	1185-1188
3478	Evaluation of polypropylene and poly (butylmethacrylate-co-hydroxyethylmethacrylate) nonwoven material as oil absorbent	Jian Zhao, Changfa Xiao, Naiku Xu	Environ Sci Pollut Res	2013	20	4137-4145
3486	Enhanced Performance of Organic Photovoltaic Devices by Photo-Crosslinkable Buffer Layer	Nam Su Kang, Mai Ha Hoang, Dong Hoon Choi, Byeong-Kwon Ju, Jae-Min Hong, Jae-Woong Yu	Macromolecular Research	2013	21	65-70
3488	Plasma Polymerization of a Saturated Branched Hydrocarbon. The Case of Heptamethylnonane	Caroline De Vos, Nicolas Vandencastele, Alexandros Kakaroglou, Bernard Nisol, Iris de Graeve, Guy Van Assche, Bruno Van Mele, Herman Terryn, Francois Reniers	Plasma Process. Polym	2013	10	51-59
3496	Contact Angles of Single Bamboo Fibers Measured in Different Environments and Compared with Other Plant Fibers and Bamboo Strips	Hong Chen, Haitao Cheng, Zehui Ziang, Daochun Qin, Yan Yu, Genlin Tian, Fang Lu, Benhua Fei, Ge Wang	bioresources	2013	8	2827-2838
3501	Immobilization of cell-binding peptides on poly-ε-caprolactone film surface to biomimic the peripheral nervous system	A. C. de Luca, J. S. Stevens, S. L. M. Schroeder, J.-B. Guilbaud, A. Saiani, S. Downes, G. Terenghi	J Biomed Mater Res Part A	2013	101A	491-501
3504	Robust and Durable Superhydrophobic Cotton Fabrics for Oil/Water Separation	Xiaoyan Zhou, Zhaozhu Zhang, Xianghui Xu, Fang Guo, Xiaotao Zhu, Xuehu Men, Bo Ge	ACS Appl. Mater. Interfaces	2013	5	7208-7214
3534	Structural transitions in a ring stain created at the contact line of evaporating nanosuspension sessile drops	Alexandros Askounis, Khellil Sefiane, Vasileios Koutsos, Martin E. R. Shanahan	PHYSICAL REVIEW E	2013	87	1-8
3537	Effects of Flow Pattern and Pore Size on Immiscible Continuous Three-Phase Displacement	Wenjing Zhou, Yechang Lu, Chunling Gao, Wenhong Li, Yongqiang Zhang, Xuefeng Li, Chen Chen, anJinfeng Dong	Energy Fuels	2013	27	717-724
3542	Surface Deposition on Cellulose Substrate via Cationic SiO ₂ /TiO ₂ Hybrid Sol for Transfer Printing Using Disperse Dye	Yunjie Yin, Chaoxia Wang, Qiankun Shen, Guanfeng Zhang, C. M. A.	Ind. Eng. Chem. Res.	2013	52	10556-10663

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3543	Facile Fabrication of Superhydrophobic Sponge with Selective Absorption and Collection of Oil from Water	Xiaoyan Zhou, Zhaozhu Zhang, Xianghui Xu, Xuehu Men, Xiaotao Zhu	Ind. Eng. Chem. Res.	2013	52	9411-9416
3563	How Do Anions Affect Self-Assembly and Solubility of Cetylpyridinium Surfactants in Water	Wolfram Muller, Christophe Dejognat, Thomas Zemb, Jean-Francois Dufreche, Olivier Diat	J. Phys. Chem. B	2013	117	1345-1356
3581	Chemical Modification of Polymer Brushes via Nitroxide Photoclick Trapping	Artur Mardjukov, Yong Li, Arne Dickschat, Andreas H. Schafer, Armido Studer	Langmuir	2013	29	6369-6376
3628	Synergistic effects of buffer layer processing additives for enhanced hole carrier selectivity in inverted Organic Photovoltaics	Achilleas Savva, Marios Neophytou, Charalambos Koutsides, Kyriacos Kallib, Stelios A. Choulis	Organic Electronics	2013		1-8
3706	Assembly of Poly(dopamine)/Poly(N-isopropylacrylamide) Mixed Films and Their Temperature-Dependent Interaction with Proteins, Liposomes, and Cells	Yan Zhang, Karthiga Panneerselvam, Ryosuke Ogaki, Leticia Hosta-Rigau, Rebecca van der Westen, Bettina E. B. Jensen, Boon M. Teo, Meifang Zhu, and Brigitte Stadler	Langmuir	2013	29	10213-10222
3707	Organic Monolayers from 1-Alkynes Covalently Attached to Chromium Nitride: Alkyl and Fluoroalkyl Termination	Sidharam P. Pujari, Luc Scheres, Barend van Lagen, Han Zuilhof	Langmuir	2013	29	10393-10404
3708	Tribology and Stability of Organic Monolayers on CrN: A Comparison among Silane, Phosphonate, Alkene, and Alkyne Chemistries	Sidharam P. Pujari, Yan Li, Remco Regeling, Han Zuilhof	Langmuir	2013	29	10405-10415
3710	Equilibrium Thickness of Large Liquid Lenses Spreading over Another Liquid Surface	Julien Sebilliau	Langmuir	2013	29	12118-12128
3712	Photochemically Prepared, Two-Component Polymer-Concentration Gradients	Olof Sterner, Angela Serrano, Sophie Mieszkin, Stefan Zurcher, Samuele Tosatti, Maureen E. Callow, James A. Callow, Nicholas D. Spencer	Langmuir	2013	29	13031-13041
3713	Solvent-Responsive Wettability of Self-Assembled Monolayers of Dithiooctanoic Acid Derivatives Bearing N,N-Disubstituted Amide Groups	Fangming Liu, Juan Pang, Chunyu Wang, and Liyan Wang	Langmuir	2013	29	13003-13007
3715	Measurement of Line Tension on Droplets in the Submicrometer Range	Lars-Oliver Heim, Elmar Bonaccorso	Langmuir	2013	29	14147-14153
3720	Fabrication of Liquid and Vapor Protective Cotton Fabrics	Derek D. Lovingood, W. Bruce Salter, Kara R. Griffith, Katherine M. Simpson, John D. Hearn, Jeffery R. Owens	Langmuir	2013	29	15043-15050
3788	Drop deposition on under-liquid low energy surfaces	Prashant R. Waghmare, Siddhartha Das, Sushanta K. Mitra	Soft Matter	2013	9	7437-7447
3808	Under-water superoleophobic Glass: Unexplored role of the surfactant-rich solvent	Prashant R. Waghmare, Siddhartha Das, Sushanta K. Mitra	SCIENTIFIC REPORTS	2013	3	1-7
3817	Isolation and characterization of biosurfactant/biopolymer producing spore forming bacteria from oil contaminated sites and oil field of Oman	S.N. Al-Bahry, A.E. Elshafie, Y.M. Al-Wahaibi, A.S. Al-Bemani, S. J. Joshi, A. Al-Lawati	APCBEE Procedia	2013	5	242 - 246
3909	A Rubberlike Stretchable Fibrous Membrane with Anti- Wettability and Gas Breathability	Seong J. Cho, Hyoryung Nam, Hyobong Ryu, Geunbae Lim	Adv. Funct. Mater.	2013	23	5577-5584

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3910	A hybrid electrospun PU/PCL scaffold satisfied the requirements of blood vessel prosthesis in terms of mechanical properties, pore size, and biocompatibility	Thi-Hiep Nguyen, Andrew R. Padalhin, Hyung Seok Seo, Byong-Taek Lee	Journal of Biomaterials Science	2013	24	1692-1706
3921	Sliding of Water Droplets on Smooth Hydrophobic Silane Coatings with Regular Triangle Hydrophilic Regions	Akira Nakajima, Yosuke Nakagawa, Tsutomu Furuta, Munetoshi Sakai, Toshihiro Isobe, Sachiko Matsushita	Langmuir	2013	29	9269-9275
4043	Ionic Liquids as Novel Surfactants for Potential Use In Enhanced Oil Recovery.	Mohammed Said Benzagouta, Inas Muen AlNashef, Wimpy Karnanda, and Khalid Al-Khidir	Korean Journal of Chemical Engineering	2013	30	2108-2117
4186	MEASUREMENT OF CRUDE OIL INTERFACIAL TENSION TO DETERMINE MINIMUM MISCIBILITY IN CARBON DIOXIDE AND NITROGEN	Ibrahim O. Awari-Yusuf	Master thesis	2013		
3074	Mechanical and Environmental Stability of Polymer Thin-Film-Coated Graphene	Chao Yan, Kwang-Seop Kim, Seoung-Ki Lee, Sang-Hoon Bae, Byung Hee Hong, Jae-Hyun Kim, Hak-Joo Lee, Jong-Hyun Ahn	ACS Nano	2012	6	2096-2103
3264	combinatorial discovery of polymers resistant to bacterial attachment	Andrew L Hook, Chien-Yi Chang, Jing Yang, Jeni Lockett, Alan Cockayne, Steve Atkinson, Ying Mei, Roger Bayston, Derek J Irvine, Robert Langer, Daniel G Anderson, Paul Williams, Martyn C Davies, Morgan R Alexander	Nature Biotechnology	2012		1-10
3228	Institut für Bohrtechnik und Fluidbergbau der TU Bergakademie erweitert Gerätepark für EOR-Forschung	M. Amro	Erdöl Erdgas Kohle	2012	128	255
3241	A facile route to mechanically durable responsive surfaces with reversible wettability switching.	Xiaotao Zhu, Zhaozhu Zhang, Kun Wang, Jin Yang, Xianghui Xu, Xuehu Men and Xiaoyan Zhou	NJC	2012	36	1280-1284
3287	Impact of colloidal interactions on the flux in cross-flow microfiltration of milk at different pH values: A surface energy approach	W. Kühnl, A. Piry, V. Kaufmann, T. Grein, S. Ripperger, U. Kulozik	Journal of Membrane Science	2012	352	107-115
3076	Effect of Membrane Properties on Performance of Membrane Distillation for Ammonia Removal	Zongli Xie, Manh Hoang, Tuan Duong, Derrick Ng, Puyam Singh, Paramita Ray, A. V. R. Reddy, K. Parashuram, S. Maurya	Journal of Materials Science Research	2012	1/1	37-44
2870	Rapid and reversible switching between superoleophobicity and superoleophilicity in response to counterion exchange	Jin Yang, Zhaozhu Zhang, Xuehu Mena, Xianghui Xu, Xiaotao Zhu, Xiaoyan Zhou, Qunji Xue,	Journal of Colloid and Interface Science	2012	366	191-195
3091	Characterization of Silver Inkjet Overlap-printing through Cohesion and Adhesion	Sang-Ho Lee, Young-June Cho	Journal of Electrical Engineering & Technology	2012	7/1	91-96
3258	Impact of lemon oil composition on formation and stability of model food and beverage emulsions	Jiajia Rao, David Julian McClements	Food Chemistry	2012	137	749-757
3314	Measuring hydrophilicity of RO membranes by contact angles via sessile drop and captive bubble method: A comparative study	Youngbin Baek, Junil Kang, Patrick Theato, Jeyong Yoon	Desalination	2012	303	23-28
3315	Co-Adsorption of the Proteins β -Casein and BSA in Relation to the Stability of Thin Liquid Films and Foams	Krastanka G. Marinova, Rumiana D. Stanimirova, Mihail T. Georgiev, Nikola A. Alexandrov, Elka S. Basheva, Peter A. Kralchevsky	Progress in Colloid and Interface Science	2012		1-27

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3386	Competition of Bovine Serum Albumin Adsorption and Bacterial Adhesion onto Surface-Grafted ODT: In Situ Study by Vibrational SFG and Fluorescence Confocal Microscopy	Emilie Bulard, Marie-Pierre Fontaine-Aupart, Henri Dubost, Wanquan Zheng, Marie-Noelle Bellon-Fontaine, Jean-Marie Herry, Bernard Bourguignon	Langmuir	2012	28	17001-17010
3440	Facile fabrication of a superhydrophobic fabric with mechanical stability and easy-repairability	Xiaotao Zhu, Zhaozhu Zhang, Jin Yang, Xianghui Xu, Xuehu Men, Xiaoyan Zhou	Journal of Colloid and Interface Science	2012	380	182-186
3459	Development and surface characterization of an electrowetting valve for capillary-drive microfluidics	Tiphaine Mérian, Fei He, Hui Yan, Dennis Chu, Joey N. Talbert, Julie M. Goddard, Sam R. Nugen	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2012	414	251-258
3469	Facile fabrication of superoleophobic surfaces with enhanced corrosion resistance and easy repairability	Zhaozhu Zhang, Xiaotao Zhu, Jin Yang, Xianghui Xu, Xuehu Men, Xiaoyan Zhou	Appl Phys A	2012	108	601-606
3476	Organic-inorganic hybrid silica film coated for improving resistance to capsicum oil on natural substances through sol-gel route	Yunjie Yin, Chaoxia Wang	J Sol-Gel Sci Technol	2012	64	743-749
3485	Optimization of Enzymatic Treatment of Polyamide Fabrics by Bromelain	Ah Reum Song, Hye Rim Kim, Wha Soon Song	Fibers and Polymers	2012	13	282-288
3577	Drop Impact Characteristics and Structure Effects of Hydrophobic Surfaces with Micro- and/or Nanoscaled Structures	Hyungmo Kim, Chan Lee, Moo Hwan Kim, Joonwon Kim	Langmuir	2012	28	11250-11257
3604	Superhydrophobic polymer-particle composite films produced using various particle sizes	Ioannis Karapanagiotis, Panagiotis N. Manoudis, Achilleas Savva, Costas Panayiotou	Surf. Interface Anal.	2012	44	870-875
3629	Chemical surface modification of poly-ε-caprolactone improves Schwann cell proliferation for peripheral nerve repair	Alba C de Luca, Giorgio Terenghi, Sandra Downes	J Tissue Eng Regen Med	2012		
3671	Characterization of agglomerated carvedilol by hot-melt processes in a fluid bed and high shear granulator	Simon Kukec, Rok Dreu, Tomislav Vrbanc, Stane Srcic, Franc Vrecer	International Journal of Pharmaceutics	2012	430	74-85
3672	An investigation into the effect of formulation variables and process parameters on characteristics of granules obtained by in situ fluidized hot melt granulation	Ivana Masic, Ilija Ilic, Rok Dreu, Svetlana Ibric, Jelena Parojcic, Zorica Đuric	International Journal of Pharmaceutics	2012	423	202-212
3789	Dynamics of liquid droplets in an evaporating drop: liquid droplet "coffee stain" effect	Siddhartha Das, Prashant R. Waghmare, Meng Fan, Naga Siva Kumar Gunda, Susanta Sinha Roy, Sushanta K. Mitra	RSC Adv	2012	2	8390-8401
3912	Untersuchung von Bitumina zur Herstellung von Öl-in-Wasser-Emulsionen	Thomas Czubak	Ph.D. Thesis	2012		1-170
2364	Von Kugeln und Winkeln - Prüfung von nanostrukturierten Oberflächen mit KRÜSS-Messgeräten	Frank Thomsen	nanotechnologie aktuell	2011	4 / 2011	16
2434	Preparation of a durable superhydrophobic membrane by electrospinning poly (vinylidene fluoride) (PVDF) mixed with epoxy-siloxane modified SiO ₂ nanoparticles: A possible route to superhydrophobic surfaces with low water sliding angle and high water contact angle	Shuai Wang, Yapeng Li, Xiaoliang Fei, Mingda Sun, Chaoqun Zhang, Yaoxian Li, Qingbiao Yang, Xia Hong	Journal of Colloid and Interface Science	2011	359/2	380-388
2435	Fab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection	Gizem Ertürk, Lokman Uzun, M. Askin Tümer, Ridvan Say, Adil Denizli	Biosensors and Bioelectronics	2011	In Press, Cor	
2436	Multifunctional polymethylsilsesquioxane (PMSQ) surfaces prepared by electrospinning at the sol-gel transition: Superhydrophobicity, excellent solvent resistance, thermal stability and enhanced sound absorption property	Haifan Xiang, Liang Zhang, Zhen Wang, Xiaolan Yu, Yuhua Long, Xiaoli Zhang, Ning Zhao, Jian Xu	Journal of Colloid and Interface Science	2011	359/1	296-303

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4038	Controlled Chain Length and Graft Density of Thermoresponsive Polymer Brushes for Optimizing Cell Sheet Harvest	Hironobu Takahashi, Masamichi Nakayama, Masayuki Yamato, and Teruo Okano	Biomacromolecules	2011	11	1991-1999
2090	Biosurfactant production under extreme environmental conditions by an efficient microbial consortium, ERCPP1-2	Parviz Darvishi, Shahab Ayatollahi, Dariush Mowla, Ali Niazi	Colloids and Surfaces B: Biointerfaces	2011	84/2	292-300
2437	The role of the pH conditions of growth on the bioadhesion of individual and lawns of pathogenic <i>Listeria monocytogenes</i> cells	Bong-Jae Park, Nehal I. Abu-Lail	Journal of Colloid and Interface Science	2011	358/2	611-620
2439	Comparison between three static mixers for emulsification in turbulent flow	F. Theron, N. Le Sauze	International Journal of Multiphase Flow	2011	37/5	488-500
2572	Superhydrophobic Nano/Micro Structures Based on Nanohoneycomb	Donghyun Kim, J. Kim, H. C. Park, K.-H. Lee, W. Hwang	16th International Conference on Composite Materials	2011	16th	1-4
3282	Effect of Surfactants on Water Imbibition into Heterogeneous Carbonate Rocks at an Elevated Temperature	Ming Han, Alhasan B. Fusenji, Ali A. Yousef, Sunil L. Kokal, Salsah Al-Saleh	SPE International	2011	141205	1-11
2440	The cytocompatibility investigation of Ti6Al4V modified with a fluorine-contained copolymer thin film	Yijun Liu, Jia Luo, Bin Liu, Junyan Zhang	Applied Surface Science	2011	257/15	6429-6434
2441	Adhesion force spectroscopy of model surfaces with wettability gradient	Jianxi Liu, Bo Yu, Baodong Ma, Xinwang Song, Xulong Cao, Zhenquan Li, Wu Yang, Feng Zhou	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2011	380/1-3	175-181
2442	Effect of PEG additive on the morphology and performance of polysulfone ultrafiltration membranes	Yuxin Ma, Fengmei Shi, Jun Ma, Miaonan Wu, Jun Zhang, Congjie Gao	Desalination	2011	272/1-3	51-58
2443	Preparation and characterization of NaY/PVDF hybrid ultrafiltration membranes containing silver ions as antibacterial materials	Chanjuan Liao, Ping Yu, Jianquan Zhao, Liming Wang, Yunbai Luo	Desalination	2011	272/1-3	59-65
2444	Effect of pretreatment and enzymatic hydrolysis of wheat straw on cell wall composition, hydrophobicity and cellulase adsorption	Senta Heiss-Blanquet, Dan Zheng, Nicolas Lopes Ferreira, Catherine Lapierre, Stéphanie Baumberger	Bioresource Technology	2011	102/10	5938-5946
2445	Antireflection/antifogging coatings based on nanoporous films derived from layered double hydroxide	Jingbin Han, Yibo Dou, Min Wei, David G. Evans, Xue Duan	Chemical Engineering Journal	2011	169/1-3	371-378
2446	Cell shape and spreading of stromal (mesenchymal) stem cells cultured on fibronectin coated gold and hydroxyapatite surfaces	A. Dolatshahi-Pirouz, T.H.L. Jensen, K. Kolind, C. Büniger, M. Kassem, M. Foss, F. Besenbacher	Colloids and Surfaces B: Biointerfaces	2011	84/1	18-25
2447	Effect of glycerol addition on phase inversion in horizontal dispersed oil-water pipe flows	Kwun Ho Ngan, Karolina Ioannou, Lee D. Rhyne, Panagiota Angeli	Experimental Thermal and Fluid Science	2011	35/4	628-635
2448	How to evaluate surface free energies of dense and ultra low-kappa dielectrics in pattern structures	Thomas Oszinda, Matthias Schaller, Kornelia Dittmar, Le Jiang, Stefan E. Schulz	Microelectronic Engineering	2011	88/5	680-683
2449	The adsorption characteristics of osteopontin on hydroxyapatite and gold	A. Dolatshahi-Pirouz, N. Kolman, A. Arpanaei, T. Jensen, M. Foss, J. Chevallier, P. Kingshott, J. Baas, K. Søballe, F. Besenbacher	Materials Science and Engineering: C	2011	31/3	514-522
2450	Incorporation of carboxylation multiwalled carbon nanotubes into biodegradable poly(lactic-co-glycolic acid) for bone tissue engineering	Cuillin Lin, Yifang Wang, Youqun Lai, Wei Yang, Fei Jiao, Honggang Zhang, Shefang Ye, Qiqing Zhang	Colloids and Surfaces B: Biointerfaces	2011	83/2	367-375

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2451	Preparation and anti-frosting performance of super-hydrophobic surface based on copper foil	Lingyan Huang, Zhongliang Liu, Yaomin Liu, Yujun Gou	International Journal of Thermal Sciences	2011	50/4	432-439
2868	Properties of single bamboo fibers isolated by different chemical methods	Chen Hong, Wang Ge, Cheng Hai-Tao	Wood and Fiber Science	2011	43/2	111-120
2020	Dependence of Volatile Droplet Lifetime on the Hydrophobicity of the Substrate	M. E. R. Shanahan, K. Sefiane, and J. R. Moffat	Langmuir	2011	27/08	4572-4577
2452	Hydrophilic and mesoporous SiO ₂ -TiO ₂ -SO ₃ H system for fuel cell membrane applications	Lan-Young Hong, Song-Yul Oh, Atsunori Matsuda, Chang-Soo Lee, Dong-Pyo Kim	Electrochimica Acta	2011	56/9	3108-3114
2453	Relationship between the structure and hydrophobic performance of Ni-TiO ₂ nanocomposite coatings by electrodeposition	Siya Huang, Yawei Hu, Wei Pan	Surface and Coatings Technology	2011	205/13-14	3872-3876
2454	Super-hydrophobicity and oleophobicity of silicone rubber modified by CF ₄ radio frequency plasma	Song-Hua Gao, Li-Hua Gao, Ke-Sheng Zhou	Applied Surface Science	2011	257/11	4945-4950
2455	Carvedilol dissolution improvement by preparation of solid dispersions with porous silica	Odon Planinsek, Borut Kovacic, Franc Vrečer	International Journal of Pharmaceutics	2011	406/1-2	41-48
2456	Fabrication of superhydrophobic TPU film for oil-water separation based on electrospinning route	Lifang Wang, Shengyang Yang, Jing Wang, Caifeng Wang, Li Chen	Materials Letters	2011	65/5	869-872
2457	Impact of excipients on coating efficiency in dry powder coating	Martina Smikalla, Axel Mescher, Peter Walzel, Nora Anne Urbanetz	International Journal of Pharmaceutics	2011	405/1-2	122-131
2458	Temperature dependent microstructure of MTES modified hydrophobic silica aerogels	Sheng Cui, Yu Liu, Mao-hong Fan, Adrienne T. Cooper, Ben-lan Lin, Xue-yong Liu, Gui-fan Han, Xiao-dong Shen	Materials Letters	2011	65/4	606-609
2459	Preparation and characterization of ultrathin dual-layer ionic liquid lubrication film assembled on silica surfaces	Jibin Pu, Liping Wang, Yufei Mo, Qunji Xue	Journal of Colloid and Interface Science	2011	354/2	858-865
2460	Relation between surface roughness of free films and process parameters in spray coating	G. Perfetti, T. Alphazan, P. van Hee, W.J. Wildeboer, G.M.H. Meesters	European Journal of Pharmaceutical Sciences	2011	42/3	262-272
2461	Dehydration of ethyl acetate-water mixtures using PVA/ceramic composite pervaporation membrane	Shanshan Xia, Xueliang Dong, Yuexin Zhu, Wang Wei, Fenjuan Xiangli, Wanqin Jin	Separation and Purification Technology	2011	77/1	53-59
2462	FTIR study of fatty acid fouling of reverse osmosis membranes: Effects of pH, ionic strength, calcium, magnesium and temperature	Haigang Li, Yanwen Lin, Ping Yu, Yunbai Luo, Liwei Hou	Separation and Purification Technology	2011	77/1	171-178
2463	Nozzle size effects on the nanoelectrospraying of Au nanocolloid in a fully voltage-controlled form	Ke Wang, John Stark	Sensors and Actuators A: Physical	2011	165/2	338-341
2464	Hydrophobic properties of colloidal films coated with multi-wall carbon nanotubes/reduced graphene oxide multilayers	Jinkee Hong, Sang Wook Kang	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2011	374/1-3	54-57
2465	On ice-releasing properties of rough hydrophobic coatings	S.A. Kulinich, M. Farzaneh	Cold Regions Science and Technology	2011	65/1	60-64
2466	Induction brazing for gas sealing of anode-supported tubular solid oxide fuel cells using the nickel based brazing alloy modified by TiH ₂	Dong-You Chung, Yeon-Hyuk Heo, Seung-Bok Lee, Tak-Hyoung Lim, Rak-Hyun Song, Dong-Ryul Shin	International Journal of Hydrogen Energy	2011	36/2	1890-1896
2467	Effect of low-surface-tension EDTA solutions on the wettability of root canal dentin	Zeliha Yilmaz, Berna Basbag, Hatice Dogan Buzoglu, Menemse Gümüsderelioglu	Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology	2011	111/1	109-114
3239	Extremely Superhydrophobic Surfaces with Micro- and Nanostructures Fabricated by Copper Catalytic Etching.	Jung-Pil Lee, Sinho Choi, and Soojin Park	Langmuir	2011	27(2)	809-814

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3169	Mechanically responsive and antibacterial plasma polymer coatings for soft biomaterials	E. Kulaga, T. Bourgade, L. Ploux, V. Roucoules	Institut de Science des Matériaux de Mulhouse	2011		
1966	Surface Activity and Adsorption Properties of New Perfluorinated Carbohydrate Surfactants	J. Nowicki, A. Sokolowski, D. Reksa	Tenside Surf. Det.	2011	48	11-15
2396	Tuning the hydrophobicity of mica surfaces by hyperthermal Ar ion irradiation	Adrian Keller, Monika Fritzsche, Ryosuke Ogaki, Ilko Bald, Stefan Facsko, Mingdong Dong, Peter Kingshott, Flemming Besenbacher	J. Chem. Phys.	2011	134, 104705	1-8
2438	Improved performance of PDMS/ceramic composite pervaporation membranes by ZSM-5 homogeneously dispersed in PDMS via a surface graft/coating approach	Gongping Liu, Fenjuan Xiangli, Wang Wei, Sainan Liu, Wanqin Jin	Chemical Engineering Journal	2011	In Press, Cor	
2468	Formation of Surface Roughness on the Ti-35Nb-xZr Alloy Using Femtosecond Laser for Biocompatibility	Y.H. Jeong, I.B. Son, H.C. Choe	Procedia Engineering	2011	10	2393-2398
2654	Surface Rheology of Saponin Adsorption Layers	R. Stanimirova, K. Marinova, S. Tcholakova, N. D. Denkov, S. Stoyanov, E. Pelan	Langmuir	2011	27	12486-12498
2680	Preparation of Tunable Wettability Polymer (Ionic Liquid) Brushes at Rough Substrate using Surface Initiated Atom Transfer Radical Polymerization	Kanjun Sun, Wu Yang, Guofu Ma, Fei Wan, Jinzhang Gao, Ziqiang Lei, Hao Guo	J. Braz. Chem. Soc.	2011	22/3	478-483
2682	A photopatternable superparamagnetic nanocomposite: Material characterization and fabrication of microstructures	M. Suter, O. Ergeneman, J. Zürcher, C. Moitzi, S. Pané, T. Rudin, S.E. Pratsinis, B.J. Nelson, C. Hierold	Sensors and Actuators B: Chemical	2011	156/1	433-443
2869	Immersed hollow fibres microfiltration (MF) for removing undesirable micro-algae and protecting semi-closed aquaculture basins	J.B. Castaing, A. Massé, V. Séchet, N.-E. Sabiri, M. Pontié, J. Haure, P. Jaouen	Desalination	2011	276	386-396
2956	Electronic supplementary information		Supplementary Material (ESI) for Nanoscale	2011		6 pages
3084	Molecular design of photoswitchable surfaces with controllable wettability	Gökçen Birlik Demirel, Nursel Dilsiz, Mehmet Cakmak, Tuncer Caykara	J. Mater. Chem.	2011	21	3189-3196
3435	Thermo-responsive surface wettability on a pristine carbon nanotube film	Jin Yang, Zhaozhu Zhang, Xuehu Men, Xianghui Xu, Xiaotao Zhu	Carbon	2011	49	19-23
3673	Carvedilol dissolution improvement by preparation of solid dispersions with porous silica	Odon Planinsek, Borut Kovacic, Franc Vrečer	International Journal of Pharmaceutics	2011	406	41-48
4003	Inkjet printing of inorganic sol-gel ink and control of the geometrical characteristics	Mustapha Chouiki, Rainer Schoeffner	J Sol-Gel Sci Technol	2011	58	91-95
2051	Fabrication of calix[4]pyrrole nanofilms at the glassy carbon surface and their characterization by spectroscopic, optic and electrochemical methods	Bilge Taner, Emine Özcan, Zafer Üstündag, Selda Keskin, Ali Osman Solak, Haslet Eksi	Thin Solid Films	2010,	519/1	289-295
3974	Dependence of Dielectric Layer and Electrolyte on the Driving Performance of Electrowetting-Based Liquid Lens	June Kyoo Lee, Kyung-Woo Park, Hak-Rin Kim, Seong Ho Kong	Journal of Information Display	2010	11	
2046	Tribology study of dual-layer ultrathin ionic liquid films with bonded phase: Influences of the self-assembled underlayer	Jibin Pu, Deming Huang, Liping Wang, Qunji Xue	Colloids and Surfaces A: Physicochem. Eng. Aspects	2010	372/1-3	155-164
2045	Structure and apatite induction of a microarc-oxidized coating on a biomedical titanium alloy	G.L. Zhao, X. Li, L. Xia, G. Wen, L. Song, X.Y. Wang, K. Wu	Applied Surface Science	2010	257/5	1762-1768
2047	Magnetic solid-phase extraction of hydrophobic analytes in environmental samples by a surface hydrophilic carbon-ferromagnetic nanocomposite	Li Bai, Bo Mei, Qing-Zhong Guo, Zhi-Guo Shi, Yu-Qi Feng	Journal of Chromatography A	2010	1217/47	7331-7336

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2049	Adhesion strength of glass/epoxy composite embedded with heat-treated carbon black on the surface	Sang Wook Park, Dai Gil Lee	Composites Part A: Applied Science and Manufacturing	2010	41/11	1597-1604
2050	Voltage effects on the nanoelectrospray characteristics in fully voltage-controlled atomisation of gold nanocolloids	Ke Wang, John P.W. Stark	Analytica Chimica Acta	2010	679/1-2	2010
2052	Effect of phase transformation on structural, electrical and hydrophobic properties of nanocomposite Ti1−xAlxN films	Vipin Chawla, Ramesh Chandra, R. Jayaganthan	Journal of Alloys and Compounds	2010	507/2	L47-L53
2053	A fluorine-contained copolymer ultra-thin film: Stability and electrochemical corrosion behavior	Jia Luo, Jinchun Cheng, Xiaoning Dong, Yijun Liu, Guosheng Huang, Junyan Zhang	Applied Surface Science	2010	256/24	7389-7394
2054	Comb-type grafted poly(N-isopropylacrylamide) gel modified surfaces for rapid detachment of cell sheet	Zhonglan Tang, Yoshikatsu Akiyama, Masayuki Yamato, Teruo Okano	Biomaterials	2010	31/29	7435-7443
2055	Effect of catalytic ink on sub-freezing endurance of PEMFCs	Wei Song, Hongmei Yu, Lixing Hao, Baolian Yi, Zhigang Shao	International Journal of Hydrogen Energy	2010	35/20	11129-11137
2411	Physico Chemical Study of Environment Friendly Emulsifiers for the Road Industry	Laurence Boulange, Flora Sterczynski	World Congress on Emulsion 2010	2010	Paper No 29	1-9
2685	Phase Inversion in dispersed liquid-liquid pipe flow	Kwun Ho Ngan	Dissertation	2010		1-234
3240	Engineering Sticky Superomniphobic Surfaces on Transparent and Flexible PDMS Substrate	Renaud Dufour, Maxime Harnois, Yannick Coffinier, Vincent Thomy, Rabah Boukherroub and Vincent Senez	Langmuir	2010	26 (22)	17242-17247
2056	Synthesis and characterization of SBA-15/poly(vinylidene fluoride) (PVDF) hybrid membrane	Chanjuan Liao, Jianquan Zhao, Ping Yu, Hua Tong, Yunbai Luo	Desalination	2010	260/1-3	147-152
2057	Making modified fluoropolymer molds for ultraviolet nanoimprint lithography	Xiangdong Ye, Yucheng Ding, Hongzhong Liu, Yugang Duan	Thin Solid Films	2010	518/23	6933-6937
2058	Experimental study on the surface characteristics of polymer melts	Duo Yang, Zheng Xu, Chong Liu, Liding Wang	Colloids and Surfaces A: Physicochem. Eng. Aspects	2010	367/1-3	174-180
2059	Synthesis of thermoresponsive poly(N-isopropylacrylamide) brush on silicon wafer surface via atom transfer radical polymerization	Eylem Turan, Serkan Demirci, Tuncer Caykara	Thin Solid Films	2010	518/21	5950-5954
2060	Miconazole nanosuspensions: Influence of formulation variables on particle size reduction and physical stability	Ana M. Cerdeira, Marco Mazzotti, Bruno Gander	International Journal of Pharmaceutics	2010	396/1-2	210-218
2061	Influence of micro/nano-textures and chemical modification on the nanotribological property of Au surface	Wenjia Zhao, Liping Wang, Qunji Xue	Colloids and Surfaces A: Physicochem. Eng. Aspects	2010	366/1-3	191-196
2062	Study of pervaporation for dehydration of caprolactam through blend NaAlg-poly(vinyl pyrrolidone) membranes on PAN supports	Tianrong Zhu, Yunbai Luo, Yanwen Lin, Qin Li, Ping Yu, Ming Zeng	Separation and Purification Technology	2010	74/2	242-252
2063	Spatial control of dewetting: Highly ordered Teflon nanospheres	Hyungmin Park, Thomas P. Russell, Soojin Park	Journal of Colloid and Interface Science	2010	348/2	416-423
2064	Zinc phthalocyanine hierarchical nanostructure with hollow interior space: Solvent-thermal synthesis and high visible photocatalytic property	Zengcai Guo, Bin Chen, Mingyi Zhang, Jingbo Mu, Changlu Shao, Yichun Liu	Journal of Colloid and Interface Science	2010	348/1	37-42
1943	Impact of the SLES structure (number of EO-groups) and the additives on the surface rheology and foam drainage	R. Stanimirova, K.G. Marinova, N. Alexandrov, T. Schörck, T. Winkler, C. Bilke-Krause	Poster at EuroFoam 2010	2010		
1944	Effect of the EO-groups and counterions on the surface dilatational rheology, foamability and foam stability	Nikola Alexandrov, Christine Bilke-Krause, Krastanka G. Marinova, Krassimir D. Danov	Poster at EUFOAM 2010	2010		

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2065	Preparation and characterization of nonfouling polymer brushes on poly(ethylene terephthalate) film surfaces	Jiehua Li, Dongsheng Tan, Xiaoqing Zhang, Hong Tan, Mingming Ding, Changxiu Wan, Qiang Fu	Colloids and Surfaces B: Biointerfaces	2010	78/2	343-350
2066	Construction and study on corrosion protective property of polydopamine-based 3-layer organic coatings on aluminum substrate	Junfei Ou, Jinqing Wang, Jinfang Zhou, Sheng Liu, Yuanlie Yu, Xianjuan Pang, Shengrong Yang	Progress in Organic Coatings	2010	68/3	244-247
2067	Synthesis of amphiphilic polycyclooctene-graft-poly(ethylene glycol) copolymers by ring-opening metathesis polymerization	Hengchong Shi, Dean Shi, Ligang Yin, Shifang Luan, Jie Zhao, Jinghua Yin	Reactive and Functional Polymers	2010	70/7	449-455
2068	Porous and superparamagnetic magnesium ferrite film fabricated via a precursor route	Xu Xiang, Guoli Fan, Jun Fan, Feng Li	Journal of Alloys and Compounds	2010	499/1	30-34
2069	A full voltage-controlled nanoelectrospray system and its steady characteristic analysed by empirically equivalent circuit method	Ke Wang, Zhikai Tan, Charles Ryan, Kate Smith, Mark Paine, John Stark	Sensors and Actuators B: Chemical	2010	147/2	618-621
1920	Foam behavior and foam stability of aqueous surfactant solutions	Dr. Christine Bilke-Krause, Dipl.-Phys. Torben Schörck, Dr. Tobias Winkler	KRÜSS Application Note	2010	AN267e	1-6
2070	The effect of self-assembly modified potassium titanate whiskers on the friction and wear behaviors of PEEK composites	Wang Huaiyuan, Zhu Yanji, Feng Xin, Lu Xiaohua	Wear	2010	269/1-2	139-144
2071	A novel multinozzle electrospinning process for preparing superhydrophobic PS films with controllable bead-on-string/microfiber morphology	Naiqian Zhan, Yaoxian Li, Chaoqun Zhang, Yan Song, Hengguo Wang, Lei Sun, Qingbiao Yang, Xia Hong	Journal of Colloid and Interface Science	2010	345/2	491-495
2072	Stress response of fibroblasts adherent to the surface of plasma-treated poly(lactic-co-glycolic acid) nanofiber matrices	Hongyun Park, Jae Won Lee, Ko Eun Park, Won Ho Park, Kuen Yong Lee	Colloids and Surfaces B: Biointerfaces	2010	77/1	90-95
2073	Evaporation influences on the crystallization of an aqueous dihydrate cupric chloride solution with additives	Nicolaas Busscher, Johannes Kahl, Paul Doesburg, Gaby Mergardt, Angelika Ploeger	Journal of Colloid and Interface Science	2010	344/2	556-562
2887	Role of hydrophobicity in bacterial adherence to carbon nanostructures and biofilm formation	Sonal Mazumder, Joseph O. Falkinham III, Andrea M. Dietrich, Ishwar K. Pur	Biofouling	2010	26/3	333-339
1909	Lipase performance evaluation using interfacial measurements	Sarab Sahi	Campden BRI Newsletter	2010	2010/03	2-3
2074	A new hydrophobic thin film catalyst layer for PEMFC	Wei Song, Hongmei Yu, Lixing Hao, Zhili Miao, Baolian Yi, Zhigang Shao	Solid State Ionics	2010	181/8-10	453-458
2075	Improved anti-stiction coating of SU-8 molds	Jacob Moresco, Casper H. Clausen, Winnie Svendsen	Sensors and Actuators B: Chemical	2010	145/2	698-701
2076	Investigation on cell biocompatible behaviors of polyaniline film fabricated via electroless surface polymerization	Sheng Liu, Jinqing Wang, Dong Zhang, Puliang Zhang, Junfei Ou, Bin Liu, Shengrong Yang	Applied Surface Science	2010	256/11	3427-3431
2077	Surface modification of nano-porous anodic alumina membranes and its use in electroosmotic flow	Yu-Feng Chen, Yi-Hsin Hu, Yen-I Chou, Shih-Ming Lai, Chi-Chuan Wang	Sensors and Actuators B: Chemical	2010	145/1	575-582
2078	The covalent immobilization of heparin to pulsed-plasma polymeric allylamine films on 316L stainless steel and the resulting effects on hemocompatibility	Zhilu Yang, Jin Wang, Rifang Luo, Manfred F. Maitz, Fengjuan Jing, Hong Sun, Nan Huang	Biomaterials	2010	31/8	2072-2083
2079	Fabrication and biocompatibility investigation of TiO ₂ films on the polymer substrates obtained via a novel and versatile route	Junfei Ou, Jinqing Wang, Dong Zhang, Puliang Zhang, Sheng Liu, Penghua Yan, Bin Liu, Shengrong Yang	Colloids and Surfaces B: Biointerfaces	2010	76/1	123-127

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2081	A thermo-responsive affinity membrane with nano-structured pores and grafted poly(N-isopropylacrylamide) surface layer for hydrophobic adsorption	Tao Meng, Rui Xie, Yong-Chao Chen, Chang-Jing Cheng, Peng-Fei Li, Xiao-Jie Ju, Liang-Yin Chu	Journal of Membrane Science	2010	349/1-2	258-267
2082	Preparation of ceramic-supported poly(vinyl alcohol)-chitosan composite membranes and their applications in pervaporation dehydration of organic/water mixtures	Yuexin Zhu, Shanshan Xia, Gongping Liu, Wanqin Jin	Journal of Membrane Science	2010	349/1-2	341-348
2083	Investigation of physical and chemical property changes of ultra low- γ ; SiOCH in aspect of cleaning and chemical repair processes	Thomas Oszinda, Matthias Schaller, Daniel Fischer, Christine Walsh, Stefan E. Schulz	Microelectronic Engineering	2010	87/3	457-461
2084	Studies on synthesis esterified zirconium glyphosates and their hydrophobic properties	Yaqing Zhang, Minglei Li, Xuemei Ji, Qinghong Xu	Solid State Sciences	2010	12/3	361-366
2552	Orientational Packing of a Confined Discotic Mesogen in the Columnar Phase	Wenjun Zheng, Ya-Ting Hu, Cheng-Yan Chiang, Chi Wi Ong	Int. J. Mol. Sci.	2010	11/3	943-955
2973	Copper solvent extraction by ultrasound-assisted emulsification	Christophe DUHAYON	Dissertation	2010		357 pages
2085	Influence of nitrogen microwave radicals on sequential plasma activated bonding	M.M.R. Howlader, J.G. Wang, M.J. Kim	Materials Letters	2010	64/3	445-448
2089	The use of sulfonated silk fibroin derivatives to control binding, delivery and potency of FGF-2 in tissue regeneration	Esther Wenk, Amanda R. Murphy, David L. Kaplan, Lorenz Meinel, Hans P. Merkle, Lorenz Uebersax	Biomaterials	2010	31/6	1403-1413
2086	Water permeation analysis on gas diffusion layers of proton exchange membrane fuel cells for Teflon-coating annotation	Yen-I Chou, Zih-Yuan Siao, Yu-Feng Chen, Lung-Yu Sung, Wen-Mei Yang, Chi-Chuan Wang	Journal of Power Sources	2010	195/2	536-540
2087	Contact angles of aluminosilicate clays as affected by relative humidity and exchangeable cations	Jiaying Shang, Markus Flury, James B. Harsh, Richard L. Zollars	Colloids and Surfaces A: Physicochem. Eng. Aspects	2010	353/1	1-9
2088	Interaction of human mesenchymal stem cells with osteopontin coated hydroxyapatite surfaces	Thomas Jensen, Alireza Dolatshahi-Pirouz, Morten Foss, Jørgen Baas, Jette Lovmand, Mogens Duch, Finn Skou Pedersen, Moustapha Kassem, Cody Bünger, Kjeld Søballe, Flemming Besenbacher	Colloids and Surfaces B: Biointerfaces	2010	75/1	186-193
2553	Surface Analysis of Polydimethylsiloxane Fouled with Bovine Serum Albumin	T. Windvoel, M. Mbanjwa, N. Mokone, A. Mogale, K. Land	World Academy of Science, Engineering and Technology	2010	61	354-356
2671	A Novel Preparation Method For Porous Hemi-Spherical Bio-Polymeric Microparticles	Kersch Naidoo	Dissertation	2010		1-70
2672	pH Responsive Surfaces with Nanoscale Topography	Antoine Bousquet, Emmanuel Ib, Francisco J. Teran, Leire Ruiz, Maria Teresa Garay, Jose Manuel Laza, Jose Luis Vilas, Eric Papon, Juan Rodriguez-Hernandez	Journal of Polymer Science: Part A: Polymer Chemistry	2010	48	2982-2990
2679	Functional Monolayers on Oxide-Free Silicon Surfaces via Thiol-Ene Click Chemistry	Mabel A. Caipa Campos, Jos M. J. Paulusse, and Han Zuilhof	Supplementary Material (ESI) for Chemical Communications	2010		15 pages
2681	Starch/Polycaprolactone Blends Compatibilized with Starch Modified Polyurethane	TAN Ying, WANG Pi-xin, XU Kun, AN Hui-yong, DONG Li-song	Chem. Res. Chinese Universities	2010	26/3	483-487
2684	Structural Influences on Self-cleaning Surfaces	Doris Madeleine Spori	Dissertation	2010	DISS ETH NO.:	1-201

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3081	Graphene Oxide Sheets at Interfaces	Jaemyung Kim, Laura J. Cote, Franklin Kim, Wa Yuan, Kenneth R. Shull, Jiaying Huang	J. Am. Chem. Soc.	2010	132/23	8180-8186
3083	Protein adsorption and biomimetic mineralization behaviors of PLL-DNA multilayered films assembled onto titanium	Wenli Gao, Bo Fenga, Yuxiang Ni, Yongli Yang, Xiong Lu, Jie Weng	Applied Surface Science	2010	257	538-546
3104	pH and temperature sensitive behavior of binary grafting DMAEMA / PEGMEMA onto PDME	A.R. Hernández-Martínez, E. Bucio, G. Burillo	INCS News	2010	7	20-23
3458	A simple approach to fabricate regenerable superhydrophobic coatings	Jin Yang, Zhaozhu Zhang, Xuehu Men, Xianghui Xu, Xiaotao Zhu	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2010	367	60-64
3483	Surface Modification of Polyester Fabrics by Enzyme Treatment	So Hee Lee, Wha Soon Song	Fibers and Polymers	2010	11	54-59
3500	In vitro evaluation of polyester-based scaffolds seeded with adipose derived stem cells for peripheral nerve regeneration	Kai-Hei Tse, Mingzhu Sun, Cristina Mantovani, Giorgio Terenghi, Sandra Downes, Paul J. Kingham	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH A	2010	95A	701-708
3571	Reversible Superhydrophobicity to Superhydrophilicity Switching of a Carbon Nanotube Film via Alternation of UV Irradiation and Dark Storage	Jin Yang, Zhaozhu Zhang, Xuehu Men, Xianghui Xu, Xiaotao Zhu	Langmuir	2010	26(12)	10198-10202
1869	Surface dilatational rheology measurements for oil/water systems with viscous oils	Nikola Alexandrov, Krastanka G. Marinova, Krassimir D. Danov, Ivan B. Ivanov	Journal of Colloid and Interface Science	2009	339 / 2	545-550
1902	Effects of Mold Rising Angle and Polymer Concentration in Solvent-Assisted Molding	Sung-Hoon Lee, Hong-Nam Kim, Rho-Kyun Kwak and Kahp Y. Suh	Langmuir	2009	25 / 20	12024-12029
1919	Effect of the counterion valency on the surface dilatational rheology of SLES adsorption layers	Nikola Alexandrov, Christine Bilke-Krause, Krastanka G. Marinova, Krassimir D. Danova	Poster at the International Workshop Bubbles & Drops, Thessaloniki	2009		1
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1827	Simple Approach to Wafer-Scale Self-Cleaning Antireflective Silicon Surfaces	Dianpeng Qi, Nan Lu, Hongbo Xu, Bingjie Yang, Chunyu Huang, Miaojun Xu, Liguao Gao, Zhouxiang Wang, Lifeng Chi	Langmuir	2009	25 / 14	7769-7772
1797	Fabrication, Characterisation and Tribological Investigation of Artificial Skin Surface Lipid Films	L.-C. Gerhardt, A. Schiller, B. Müller, N. D. Spencer, S. Derler	Tribology Letters	2009	34 / 2	81-93
1829	Structural Properties and Antibacterial Effects of Hydrophobic and Oleophobic Sol-Gel Coatings for Cotton Fabrics	Alja Vilnik, Ivan Jerman, Angela Surca Vuk, Matja Koelj, Boris Orel, Brigita Tomi, Barbara Simoni, Janez Kova	Langmuir	2009	25 / 10	5869-5880
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1786	Mischversuche ohne Mischen?	C. Bilke-Krause, C. Rulison, F. Thomsen	Plastverarbeiter	2009		74-76

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1838	Manipulating Spheres That Sink: Assembly of Micrometer Sized Glass Spheres for Optical Coupling	Elizabeth J. Tull, Philip N. Bartlett, G. Senthil Murugan, James S. Wilkinson	Langmuir	2009	25 / 03	1872-1880
1818	Two Liquids Wetting and Low Hysteresis Electrowetting on Dielectric Applications	Mathieu Maillard, Julien Legrand, Bruno Berge	Langmuir	2009	25 / 11	6162-6167
2641	Coassembly of Graphene Oxide and Nanowires for Large-Area Nanowire Alignment	Yanguang Li, Yiyang Wu	J. AM. CHEM. SOC.	2009	131	5851-5857
2683	Microgels at Oil/Water Interfaces	Bastian Matthias Brugger	Dissertation	2009		1-186
2686	On the way to chemically and mechanically stable superhydrophobic surfaces	Clément Cremmel, Doris Spori	Laboratory project – April to September 2009	2009		38 pages
2753	Modification of the titanium implants surface by silanes and colloidal silver	B. Zboromirska-Wnukiewicz, J. Wnukiewicz, K. Kogut, K. Kasprzyk, W. Wnukiewicz	Archives of Metallurgy and Materials	2009	54/4	1005 - 1011
3077	DNA immobilization on polymer-modified Si surface by controlling pH	Gökçen Birlik Demirel, Tuncer Caykara	Applied Surface Science	2009	255	6571-6576
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3092	Chitosan-Coated Poly(vinyl alcohol) Nanofibers For Wound Dressings	Yun Ok Kang, In-Soo Yoon, So Young Lee, Dae-Duk Kim, Seung Jin Lee, Won Ho Park, Samuel M. Hudson	Journal of Biomedical Materials Research Part B: Applied Biomaterials	2009		568-576
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3114	Force measurements between particles and the air-water interface: Implications for particle mobilization in unsaturated porous media	Jiaying Shang, Markus Flury, Youjun Deng	Water Resources Research	2009	VOL. 45, W064	14 pages
3387	Effect of Sessile Drop Volume on the Wetting Anisotropy Observed on Grooved Surfaces	Jing Yang, Felicity R. A. J. Rose, Nikolaj Gadegaard, Morgan R. Alexander	Langmuir	2009	25	2567-2571
3743	Fabrication, Characterisation and Tribological Investigation of Artificial Skin Surface Lipid Films	L.-C. Gerhardt, A. Schiller, B. Muller, N. D. Spencer, S. Derler	Tribol Lett	2009	34	81-93
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1640	Practical contact angle measurement (4) - Measuring with method – but with which one?	F. Thomsen	KRÜSS Application / Technical Notes	2008	TN314	1-4
1641	Extended delivery of ophthalmic drugs by silicone hydrogel contact lenses	Jinah Kim, Anthony Conway, Anuj Chauhan	Biomaterials	2008	29 / 14	2259-2269
1642	Treatment of oily water by a poly(vinyl alcohol) ultrafiltration membrane	Chunjin Wu, Aimin Li, Lei Li, Long Zhang, Hui Wang, Xuehua Qi, Quanxing Zhang	Desalination	2008	225 / 1-3	312-321
1666	Surface dilatational rheology measurements for oil/water systems with viscous oils	Nikola Alexandrov, Krastanka G. Marinova, Krassimir D. Danov, Ivan B. Ivanov	Presentation during training school COST P21 (Capri, 15-16 May 2008)	2008	P21-WG2	
1643	Dexamethasone transport and ocular delivery from poly(hydroxyethyl methacrylate) gels	Jinah Kim, Anuj Chauhan	International Journal of Pharmaceutics	2008	353 / 1-2	205-222
1644	Superhydrophobic properties of ultrathin rf-sputtered Teflon films coated etched aluminum surfaces	D.K. Sarkar, M. Farzaneh, R.W. Paynter	Materials Letters	2008	62 / 8-9	1226-1229

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1608	Thermosensitive surfaces fabricated by plasma polymerization of N,N-diethylacrylamide	Li-Qiang Chu, Xue-Na Zou, Wolfgang Knoll, Renate Forch	Surface and Coatings Technology	2008	202 / 10	2047-2051
1620	Interfacial tension of solid materials against dense carbon dioxide	Y. Sutjiadi-Sia, P. Jaeger, R. Eggers	Journal of Colloid and Interface Science	2008	320	268-274
1646	Superhydrophobic properties of silver-coated films on copper surface by galvanic exchange reaction	A. Safaee, D.K. Sarkar, M. Farzaneh	Applied Surface Science	2008	254 / 8	2493-2498
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2623	Synthesis of Hydrophobic and Oleophobic Nylon-Cotton Fabric Through Microwave Catalyzed Silane Attachment	Jeffery R. Owens, W. Bruce Salter, Ryan A. Hayn, Rashelle S. McDonald, Rachel A. Sullivan	Air Force Research Laboratory	2008		1-12
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1592	Nonequilibrium atmospheric pressure plasma with ultrahigh electron density and high performance for glass surface cleaning	Masahiro Iwasaki, Hiroto Inui, Yuto Matsudaira, Hiroyuki Kano, Naofumi Yoshida, Masafumi Ito, Masaru Hori	Applied Physics Letters	2008	92 / 081503	1-3
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1753	Effect of temperature on superhydrophobic zinc oxide nanotowers	N. Saleema, D. K. Sarkar and M. Farzaneh	Contact Angle, Wettability and Adhesion	2008	Vol 05	279-285
1754	Superhydrophobic properties of silver coated copper	A. Safaee, D. K. Sarkar and M. Farzaneh	Contact Angle, Wettability and Adhesion	2008	Vol 05	287-293
1792	Emulsions Stabilized by Stimuli-Sensitive Poly(N-isopropylacrylamide)-co-Methacrylic Acid Polymers: Microgels versus Low Molecular Weight Polymers	Bastian Brugger, Walter Richtering	Langmuir	2008	24 / 15	7769-7777
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2752	"Tropfenkonturanalyse in der Denkmalpflege" - Nachweis von Injektionsstoffen für die nachträgliche Horizontalabdichtung im Mauerwerk und deren Verteilung	Tobias Steiner	Diplomarbeit - TU-Wien	2008		
2754	Drop shape analysis - innovative implement in renovation area	Petra Reinthaler, Clemens Hecht	The Nordic Journal of Building Physics (Acta physica aedificiorum)	2008		
3075	In Situ Growth Kinetics of Hydroxyapatite on Electrospun Poly(DL-lactide) Fibers with Gelatin Grafted	Wenguo Cui, Xiaohong Li, Jiangang Chen, Shaobing Zhou, and Jie Weng	Crystal Growth & Design	2008	8/12	4576-4582
3078	Fabrication of Thermoresponsive Polymer Gradients for Study of Cell Adhesion and Detachment	Linhui Li, Yang Zhu, Bo Li, Changyou Gao	Langmuir	2008	24/23	13632-13639
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3126	Contact angle and surface free energy of electron-beam irradiated polymer composites	Marian Enkiewicz, Piotr Rytlewski, Joanna Czuprynska, Julian Polanski, Tomasz Karasiewicz, Włodzimierz Engelgard	POLIMERY	2008	53/6	446-451
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1649	Preparation of HA/chitosan composite coatings on alkali treated titanium surfaces through sol-gel techniques	Xiong Lu, Ying-bo Wang, Yu-rong Liu, Jian-xin Wang, Shu-xin Qu, Bo Feng, Jie Weng	Materials Letters	2007	61 / 18	3970-3973
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1651	Experimental investigation of the effect of thermal properties of the substrate in the wetting and evaporation of sessile drops	S. David, K. Sefiane, L. Tadrist	Colloids and Surfaces A: Physicochemical and Engineering Aspects	2007	298 / 1-2	108-114
1680	Mechanical and chemical analysis of plasma and ultraviolet/ozone surface treatments for thermal bonding of polymeric microfluidic devices	Arpita Bhattacharyya, Catherine M. Klapperich	Lab Chip	2007	07 / 07	876-882
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1560	Practical contact angle measurement (3): The eye also measures	F. Thomsen	KRÜSS Application / Technical Notes	2007	TN313	1-3
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1653	Largely improved toughness of PP/EPDM blends by adding nano-SiO ₂ particles	Hong Yang, Xiaoqing Zhang, Cheng Qu, Bo Li, Lijuan Zhang, Qin Zhang, Qiang Fu	Polymer	2007	48 / 3	860-869
1654	Detailed investigations on La ₂ Zr ₂ O ₇ buffer layers for YBCO-coated conductors prepared by chemical solution deposition	K. Knoth, R. Huhne, S. Oswald, L. Schultz, B. Holzapfel	Acta Materialia	2007	55 / 2	517-529
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1524	Untersuchung der Langzeitbeständigkeit von Verklebungen von Leichtmetallklebungen im Automobilbau - Band A	ofi-Institut für Klebetechnik		2006		1-305
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