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Purity of the sacred lotus, or escape from contamination in biological surfaces

DOI: 10.1007/s004250050096

Planta, 1997, 202, 1-8.

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#	Paper	IF	Citations
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2317	Solvent-Free Strategy Yields Size and Shape-Uniform Capsules.		
2316	Biological surfaces and their technological application - Laboratory and flight experiments on drag reduction and separation control. <b>1997</b> ,	61	
2315	The Five "Classical" Plant Hormones. <b>1997</b> , 9, 1197-1210		342
2314	Characterization and Distribution of Water-repellent, Self-cleaning Plant Surfaces. <b>1997</b> , 79, 667-677		2070
2313	Index to American Botanical Literature. <b>1997</b> , 49, 542-576		
2312	Lotus-Effekt und Autolack: Die Selbstreinigungsfähigkeit mikrostrukturierter Oberflächen. <b>1998</b> , 28, 314-321		15
2311	Seasonal changes of leaf surface contamination in beech, oak, and ginkgo in relation to leaf micromorphology and wettability. <b>1998</b> , 138, 91-98		158
2310	Bionics: biological insight into mechanical design. <b>1999</b> , 96, 14208-9		73
2309	Homologous long-chain lactones in leaf cuticular waxes of <i>Cerinth minor</i> . <b>1999</b> , 50, 1359-1364		21
2308	Viscous drops rolling on a tilted non-wettable solid. <b>1999</b> , 48, 286-291		178
2307	Pearl drops. <b>1999</b> , 47, 220-226		867
2306	Surface and Solid-State Properties of a Fluorinated Polyelectrolyte-Surfactant Complex. <b>1999</b> , 15, 4867-4874	39	
2305	Nano-structured materials with low surface energies formed by polyelectrolytes and fluorinated amphiphiles (PEFA). <b>2000</b> , 49, 636-644		19
2304	Long-chain alkanediols from <i>Myricaria germanica</i> leaf cuticular waxes. <b>2000</b> , 55, 169-76		28
2303	Nanosopic channel lattices with controlled anisotropic wetting. <b>2000</b> , 403, 173-5		384

2302	Smart polymer solutions. <b>2000</b> , 405, 745, 747	14
2301	Composition of Cuticular Waxes on <i>Osmunda regalis</i> Fronds. <b>2000</b> , 26, 399-412	25
2300	Plant-Microbe Interactions: Wetting of Ivy ( <i>Hedera helix</i> L.) Leaf Surfaces in Relation to Colonization by Epiphytic Microorganisms. <b>2000</b> , 40, 33-42	51
2299	Fluid mechanics of biological surfaces and their technological application. <b>2000</b> , 87, 157-71	289
2298	Origin and structure of the primary plant body. <b>2000</b> , 51-II	1
2297	Roughness-induced non-wetting. <b>2000</b> , 52, 165-170	725
2296	PAHs associated with the leaves of three deciduous tree species. I--Concentrations and profiles. <b>2000</b> , 108, 413-24	119
2295	Particles and vegetation: implications for the transfer of particle-bound organic contaminants to vegetation. <b>2000</b> , 246, 207-36	113
2294	Wetting patterns and moisture variability in water repellent Dutch soils. <b>2000</b> , 231-232, 148-164	135
2293	Bouncing water drops. <b>2000</b> , 50, 769-775	330
2292	Der Lotus-Effekt: Selbstreinigung mikrostrukturierter Oberflächen. <b>2000</b> , 48, 24-28	10
2291	Learning from nature-polymer surfaces with a nano structure that utilise the Lotus-Effect and clean themselves.	2
2290	DISPLACEMENT OF PARTICLES DEPOSITED ON SOLID SURFACES BY A MOVING GAS-LIQUID-SOLID INTERFACE. <b>2000</b> , 18, 175-185	4
2289	Complexes of Polyethyleneimine with Perfluorinated Carboxylic Acids: Wettability of Lamellar Structured Mesophases. <b>2000</b> , 16, 824-828	51
2288	Rough wetting. <b>2001</b> , 55, 214-220	551
2287	PAHs associated with the leaves of three deciduous tree species. II: uptake during a growing season. <b>2001</b> , 44, 155-64	58
2286	Plant Cuticle. <b>2001</b> ,	
2285	Movement and regeneration of epicuticular waxes through plant cuticles. <i>Planta</i> , <b>2001</b> , 213, 427-34	4.7 153

2284	Chemical structure and morphology of thin, organo-silicon plasma-polymer films as a function of process parameters. <b>2001</b> , 142-144, 1121-1128	36
2283	Morphological wetting transitions at chemically structured surfaces. <b>2001</b> , 6, 40-48	80
2282	The sensory ecology of primate food perception. <b>2001</b> , 10, 171-186	154
2281	Hybride sol-Gel-Schichten für Glas- und Kunststoffoberflächen. <b>2001</b> , 13, 244-249	1
2280	Hydrophobic trichome layers and epicuticular wax powders in Bromeliaceae. <b>2001</b> , 88, 1371-1389	73
2279	The relationship between substratum surface roughness and microbiological and organic soiling: A review. <b>2001</b> , 17, 59-71	114
2278	Periodic microstructures for large area applications generated by holography. <b>2001</b> ,	12
2277	Microtopographic Cues for Settlement of Zoospores of the Green Fouling Alga Enteromorpha. <b>2002</b> , 18, 229-236	247
2276	Machining of Precision Parts and Microstructures. <b>2002</b> , 3-11	16
2275	Colloidal assemblies on patterned silane layers. <b>2002</b> , 99, 5034-9	101
2274	Effect of leaf surface waxes on leaf colonization by <i>Pantoea agglomerans</i> and <i>Clavibacter michiganensis</i> . <b>2002</b> , 15, 1236-44	57
2273	Evidence for van der Waals adhesion in gecko setae. <b>2002</b> , 99, 12252-6	1371
2272	Influence of the Surface Topography of Stainless Steel on Bacterial Adhesion. <b>2002</b> , 18, 193-203	142
2271	Perfluorinated Polymer Monolayers on Porous Silica for Materials with Super Liquid Repellent Properties. <b>2002</b> , 18, 6133-6139	67
2270	Orientation and Self-Assembly of Hydrophobic Fluoroalkylsilanes. <b>2002</b> , 18, 6242-6245	123
2269	Attachment Devices of Insect Cuticle. <b>2002</b> ,	2
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2267	Partial Wetting Phenomena on Nonplanar Surfaces and in Shaped Microchannels. <b>2002</b> , 18, 1225-1230	13

2266	Synthesis and pH-selective adsorption of latex particles onto photolithographically patterned silane layers. <b>2002</b> , 252, 331-8	34
2265	Infrared-optical properties of vapour-deposited metal films. <b>2002</b> , 374, 672-5	5
2264	Average nanorough skin surface of the pilot whale ( <i>Globicephala melas</i> , Delphinidae): considerations on the self-cleaning abilities based on nanoroughness. <b>2002</b> , 140, 653-657	85
2263	Why are young leaves red?. <b>2002</b> , 98, 163-176	65
2262	Effect of alterations in cuticular wax biosynthesis on the physicochemical properties and topography of maize leaf surfaces. <b>2002</b> , 25, 1-16	52
2261	Roughness and topology of ultra-hydrophobic surfaces. <b>2002</b> , 206, 521-529	110
2260	The effect of polar, nonpolar, and electrostatic interactions and wetting behavior on the particle assembly at patterned surfaces. <b>2002</b> , 2, 255-270	21
2259	Function of epidermal surfaces in the trapping efficiency of <i>Nepenthes alata</i> pitchers. <b>2002</b> , 156, 479-489	107
2258	Very long-chain phenylpropyl and phenylbutyl esters from <i>Taxus baccata</i> needle cuticular waxes. <b>2002</b> , 61, 579-87	22
2257	Read patents, not just papers. <b>2002</b> , 1, 199-201	4
2256	Polyelectrolyte-surfactant complexes (synthesis, structure and materials aspects). <b>2002</b> , 27, 1473-1572	223
2255	Self-Assembled Monolayers of Dodecyl and Hydroxy-dodecyl Phosphates on Both Smooth and Rough Titanium and Titanium Oxide Surfaces. <b>2002</b> , 18, 3537-3548	180
2254	Wetting on Hydrophobic Rough Surfaces: To Be Heterogeneous or Not To Be?. <b>2003</b> , 19, 8343-8348	1091
2253	Copying and manipulating nature: Innovation for textile materials. <b>2003</b> , 4, 8-14	15
2252	Surface structure of fluorinated polymers and block copolymers. <b>2003</b> , 86, 43-52	22
2251	Environmental gradients and population divergence contribute to variation in cuticular wax composition in <i>Juniperus communis</i> . <b>2003</b> , 31, 1257-1270	72
2250	Scale microornamentation of uropeltid snakes. <b>2003</b> , 258, 249-68	43
2249	Homologous very-long-chain 1,3-alkanediols and 3-hydroxyaldehydes in leaf cuticular waxes of <i>Ricinus communis</i> L. <b>2003</b> , 62, 433-8	37

2248	Characteristics and high water-repellency of a-C:H films deposited by r.f. PECVD. <b>2003</b> , 162, 135-139	17
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2246	Characterization of CF <sub>x</sub> films plasma chemically deposited from C <sub>3</sub> F <sub>8</sub> /C <sub>2</sub> H <sub>2</sub> precursors. <b>2003</b> , 173, 161-171	19
2245	Smart, clean surfaces. <b>2003</b> , 6, 44-48	60
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2242	Two-level structured self-adaptive surfaces with reversibly tunable properties. <b>2003</b> , 125, 3896-900	448
2241	Some fundamentals of adhesion in synthetic adhesives. <b>2003</b> , 19 Suppl, 53-7	6
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2237	Biomimetic Nanostructure Skin For Hydrodynamic Drag Reduction. <b>2003</b> ,	
2236	Intrinsically Superhydrophobic Organosilica Sol-Gel Foams. <b>2003</b> , 19, 5626-5631	381
2235	Particle-Assisted Wetting. <b>2003</b> , 19, 4950-4952	32
2234	Control over the wettability of an aligned carbon nanotube film. <b>2003</b> , 125, 14996-7	203
2233	Microtopography and antifouling properties of the shell surface of the bivalve molluscs <i>Mytilus galloprovincialis</i> and <i>Pinctada imbricata</i> . <b>2003</b> , 19 Suppl, 221-30	147
2232	Influence of surface morphology on the wettability of cluster-assembled carbon films. <b>2003</b> , 63, 401-407	32
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2230	Quantitative assessment to the structural basis of water repellency in natural and technical surfaces. <b>2003</b> , 54, 1295-303	277
2229	Producing Super-Hydrophobic Surfaces with Nano-Silica Spheres. <b>2003</b> , 94, 377-380	20
2228	A simple theory of particle-assisted wetting. <b>2003</b> , 62, 607-613	22
2227	Cost-effective production of highly regular nanostructured metallization layers. <b>2003</b> , 14, 1019-1022	11
2226	Self-Assembly of Epicuticular Waxes on Living Plant Surfaces by Atomic Force Microscopy. <b>2003</b> ,	
2225	Biologically induced precipitation in urine-collecting systems. <b>2003</b> , 3, 71-78	52
2224	. <b>2004</b> ,	10
2223	Preface. <b>2004</b> , ix-xiv	
2222	The basic structure of the mammalian mouth. <b>2004</b> , 13-54	
2221	How the mouth operates. <b>2004</b> , 55-86	1
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2218	Tooth wear. <b>2004</b> , 181-201	
2217	The Concept of Electroosmotically Driven Flow and Its Application to Biomimetics. <b>2004</b> , 1, 46-52	7
2216	Restudies on Body Surface of Dung Beetle and Application of Its Bionics Flexible Technique. <b>2004</b> , 1, 53-60	6
2215	Self-alignment optical detection system for droplet-based biochemical reactions.	
2214	Exploring Biological Surfaces by Nanoindentation. <b>2004</b> , 19, 880-887	51
2213	Fabrication of Super Water-Repellent Surfaces by Nanosphere Lithography. <b>2004</b> , 823, W11.4.1	

2212	Plant cuticles: Multifunctional interfaces between plant and environment. <b>2004</b> , 171-III	26
2211	Hydrophobic and Oleophobic Coatings. <b>2004</b> , 179-186	2
2210	Fabrication of a Micro/Nano Integrated Roughened Structure Using Nanosphere Lithography (NSL). <b>2004</b> , 463	
2209	Optimized Boundary Treatment of Curved Walls for High-Order Computational Aeroacoustics Schemes. <b>2004</b> , 42, 414-417	2
2208	Microstructured Hydrophobic Skin for Hydrodynamic Drag Reduction. <b>2004</b> , 42, 411-414	58
2207	Superhydrophobicity from microstructured surface. <b>2004</b> , 49, 1779	7
2206	Germination and Survival of <i>Fusarium graminearum</i> Macroconidia as Affected by Environmental Factors. <b>2004</b> , 152, 92-97	50
2205	Iron supply to tobacco plants through foliar application of iron citrate and ferric dimerum acid. <b>2004</b> , 122, 380-385	17
2204	Structure and mechanics of the tarsal chain in the hornet, <i>Vespa crabro</i> (Hymenoptera: Vespidae): implications on the attachment mechanism. <b>2004</b> , 33, 77-89	65
2203	Stable Superhydrophobic Coatings from Polyelectrolyte Multilayers. <b>2004</b> , 4, 1349-1353	826
2202	Fabrication of Tunable Superhydrophobic Surfaces by Nanosphere Lithography. <b>2004</b> , 16, 561-564	483
2201	Transition between superhydrophobic states on rough surfaces. <b>2004</b> , 20, 7097-102	590
2200	Mimicking the lotus effect: influence of double roughness structures and slender pillars. <b>2004</b> , 20, 8209-13	675
2199	The influence of natural surface microtopographies on fouling. <b>2004</b> , 20, 43-51	187
2198	Superhydrophobicity from microstructured surface. <b>2004</b> , 49, 1779-1787	39
2197	Surface structure, model and mechanism of an insect integument adapted to be damaged easily. <b>2004</b> , 2, 10	14
2196	Dual-Scale Roughness Produces Unusually Water-Repellent Surfaces. <b>2004</b> , 16, 1929-1932	455
2195	Surface analyses of micro-arc oxidized and hydrothermally treated titanium and effect on osteoblast behavior. <b>2004</b> , 68, 383-91	81



2194	Effects of laser-modified polystyrene substrate on CHO cell growth and alignment. <b>2004</b> , 70, 43-8	35
2193	The production of surfaces of defined topography and chemistry for microbial retention studies, using ion beam sputtering technology. <b>2004</b> , 54, 143-151	32
2192	Roughness induced dynamic changes of wettability of acid etched titanium implant modifications. <b>2004</b> , 25, 1429-38	247
2191	Contact angle hysteresis on rough hydrophobic surfaces. <b>2004</b> , 248, 101-104	190
2190	Plant biology. A plant ABC transporter takes the lotus seat. <b>2004</b> , 306, 622-5	29
2189	Topographical parameters for specifying a three-dimensional surface. <b>2004</b> , 20, 9428-31	99
2188	Laminar drag reduction in microchannels using ultrahydrophobic surfaces. <b>2004</b> , 16, 4635-4643	752
2187	A parallel-plate flow chamber to study initial cell adhesion on a nanofeatured surface. <b>2004</b> , 3, 90-5	56
2186	Light-Excited Superhydrophilicity of Amorphous TiO <sub>2</sub> Thin Films Deposited in an Aqueous Peroxotitanate Solution. <b>2004</b> , 20, 3188-3194	143
2185	Fabrication of superhydrophobic surface from a supramolecular organosilane with quadruple hydrogen bonding. <b>2004</b> , 126, 4796-7	205
2184	How plants keep dry: a physicist's point of view. <b>2004</b> , 20, 2405-8	395
2183	Nucleation and growth on a superhydrophobic grooved surface. <b>2004</b> , 93, 076103	177
2182	Nanostructuring of a polymeric substrate with well-defined nanometer-scale topography and tailored surface wettability. <b>2004</b> , 20, 7665-9	351
2181	Water ultrarepellency induced by nanocolumnar ZnO surface. <b>2004</b> , 20, 6065-7	97
2180	Introductory remarks on nanodielectrics. <b>2004</b> , 11, 808-818	115
2179	Current issues and uncertainties in the measurement and modelling of air-vegetation exchange and within-plant processing of POPs. <b>2004</b> , 128, 99-138	161
2178	Self assembly of epicuticular waxes on living plant surfaces imaged by atomic force microscopy (AFM). <b>2004</b> , 55, 711-8	109
2177	REGULATION OF PHOTOSYNTHESIS IN HIGHER PLANTS. <b>2004</b> , 221-286	2

2176	Significance and Progress of Bionics. <b>2004</b> , 1, 1-3	44
2175	Micromorphological variability of leaf epidermis in Mesoamerican common bean ( <i>Phaseolus vulgaris</i> , Leguminosae). <b>2004</b> , 52, 73	9
2174	Organosilicon Compounds for Industrial Applications - Part 3. 770-857	
2173	Triological Performance of Tumbled MOS2 on Biomimetic cBN-TiN Coating. <b>2005</b> , 273	1
2172	Anisotropy in the wetting of rough surfaces. <b>2005</b> , 281, 458-64	262
2171	Geometrical features and wettability of dung beetles and potential biomimetic engineering applications in tillage implements. <b>2005</b> , 80, 1-12	67
2170	Increasing hydrophobicity of sol-gel hard coatings by chemical and morphological modifications. <b>2005</b> , 198, 420-424	49
2169	Hydrophobic properties of a wavy rough substrate. <b>2005</b> , 16, 67-76	78
2168	Wetting and wetting transitions on copper-based super-hydrophobic surfaces. <b>2005</b> , 21, 937-43	258
2167	Wetting and self-cleaning properties of artificial superhydrophobic surfaces. <b>2005</b> , 21, 956-61	1191
2166	Combining layer-by-layer assembly with electrodeposition of silver aggregates for fabricating superhydrophobic surfaces. <b>2005</b> , 21, 4713-6	304
2165	Bioinspired surfaces with special wettability. <b>2005</b> , 38, 644-52	1750
2164	Effects of hydraulic pressure on the stability and transition of wetting modes of superhydrophobic surfaces. <b>2005</b> , 21, 12207-12	307
2163	Template synthesis and wettability properties of large-scale flower-like and leaf-like Y2O3 materials. <b>2005</b> , 59, 4010-4012	5
2162	Manipulation of surface wettability between superhydrophobicity and superhydrophilicity on copper films. <b>2005</b> , 6, 1475-8	127
2161	The fabrication and switchable superhydrophobicity of TiO2 nanorod films. <b>2005</b> , 44, 5115-8	560
2160	The Fabrication and Switchable Superhydrophobicity of TiO2 Nanorod Films. <b>2005</b> , 117, 5245-5248	45
2159	Reversible pH-Responsive Surface: From Superhydrophobicity to Superhydrophilicity. <b>2005</b> , 17, 1289-1293	314

2158	Combining a Layer-by-Layer Assembling Technique with Electrochemical Deposition of Gold Aggregates to Mimic the Legs of Water Striders. <b>2005</b> , 17, 1005-1009	321
2157	Stain Repellent Finishing on Fabrics. <b>2005</b> , 7, 401-404	18
2156	Fabrication of Biomimetic Superhydrophobic Coating with a Micro-Nano-Binary Structure. <b>2005</b> , 26, 1075-1080	183
2155	Hydrophobization of multilayered film containing layer-by-layer assembled nanoparticle by Nafion adsorption. <b>2005</b> , 53, 425-434	14
2154	Modification of expanded polytetrafluoroethylene by UV irradiation in reactive and inert atmosphere. <b>2005</b> , 80, 27-33	11
2153	Superhydrophobicity of 2D ZnO ordered pore arrays formed by solution-dipping template method. <b>2005</b> , 287, 634-9	163
2152	Nanofluidics: what is it and what can we expect from it?. <b>2005</b> , 1, 249-267	525
2151	Cuticular wax deposition in growing barley ( <i>Hordeum vulgare</i> ) leaves commences in relation to the point of emergence of epidermal cells from the sheaths of older leaves. <i>Planta</i> , <b>2005</b> , 222, 472-83	4-7 57
2150	Plant surface properties in chemical ecology. <b>2005</b> , 31, 2621-51	295
2149	The use of microbial siderophores for foliar iron application studies. <b>2005</b> , 272, 245-252	34
2148	Integrating biomimetics. <b>2005</b> , 8, 18-26	42
2147	No platelet can adhere--largely improved blood compatibility on nanostructured superhydrophobic surfaces. <b>2005</b> , 1, 959-63	269
2146	Experiment about drag reduction of bionic non-smooth surface in low speed wind tunnel. <b>2005</b> , 2, 15-24	12
2145	Tribological behavior of Gampsocleis Gratiiosa foot pad against vertical flat surfaces. <b>2005</b> , 2, 187-194	4
2144	Bio-Inspired Anti-Reflective Surfaces by Imprinting Processes. <b>2005</b> , 263-280	
2143	Towards ultrahydrophobic surfaces: a biomimetic approach. <b>2005</b> , 17, S639-S648	32
2142	Particle-assisted wetting. <b>2005</b> , 17, S465-S476	10
2141	A roughness-based wettability switching membrane device for hydrophobic surfaces. <b>2005</b> , 15, 591-600	56

2140	Direct velocity measurements of the flow past drag-reducing ultrahydrophobic surfaces. <b>2005</b> , 17, 103606	375
2139	Bio-Inspired Evolution of Zinc Oxide-Based Materials Directed by Amino Acids and Peptides. <b>2005</b> , 873, 1	
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2137	Evidence for self-cleaning in gecko setae. <b>2005</b> , 102, 385-9	468
2136	Droplet-based Microtexture Biochip System for Triglycerides and Methanol Measurement. <b>2005</b> , 2006, 530-3	1
2135	Investigating the interface of superhydrophobic surfaces in contact with water. <b>2005</b> , 21, 7805-11	55
2134	Exponential increase of publications related to soil water repellency. <b>2005</b> , 43, 403	101
2133	Influence of particle hydrophobicity on particle-assisted wetting. <b>2005</b> , 21, 1371-6	11
2132	Attenuation of protein adsorption on static and oscillating magnetostrictive nanowires. <b>2005</b> , 5, 1852-6	39
2131	Formation of a freely suspended membrane via a combination of interfacial reaction and wetting. <b>2005</b> , 21, 10475-80	7
2130	Modern outdoor insulation - concerns and challenges. <b>2005</b> , 21, 5-11	110
2129	Superhydrophobic and lipophobic properties of self-organized honeycomb and pincushion structures. <b>2005</b> , 21, 3235-7	359
2128	Foliar Iron Fertilization: A Critical Review. <b>2005</b> , 28, 2113-2124	90
2127	Superhydrophobic films from raspberry-like particles. <b>2005</b> , 5, 2298-301	554
2126	Non-sticking drops. <b>2005</b> , 68, 2495-2532	988
2125	Leaf epidermal characters related with plant's passive resistance to pathogens vary among accessions of wild beans <i>Phaseolus vulgaris</i> var. <i>aborigineus</i> (LeguminosaePhaseoleae). <b>2005</b> , 200, 285-295	17
2124	Fabrication of superhydrophobic surfaces by dislocation-selective chemical etching on aluminum, copper, and zinc substrates. <b>2005</b> , 21, 9007-9	659
2123	Self-Cleaning Particle Coating with Antireflection Properties. <b>2005</b> , 17, 696-700	314

2122	Wetting of rough surfaces: a homogenization approach. <b>2005</b> , 461, 79-97	50
2121	Superhydrophobic CFx coating via in-line atmospheric RF plasma of He-CF <sub>4</sub> -H <sub>2</sub> . <b>2005</b> , 21, 12213-7	109
2120	Is the lotus leaf superhydrophobic?. <b>2005</b> , 86, 144101	463
2119	Porous materials show superhydrophobic to superhydrophilic switching. <b>2005</b> , 3135-7	161
2118	Roselike Microstructures Formed by Direct In Situ Hydrothermal Synthesis: From Superhydrophilicity to Superhydrophobicity. <b>2005</b> , 17, 6177-6180	89
2117	Fabrication of superhydrophobic surfaces from microstructured ZnO-based surfaces via a wet-chemical route. <b>2005</b> , 21, 2665-7	252
2116	Stable superhydrophobic organic-inorganic hybrid films by electrostatic self-assembly. <b>2005</b> , 109, 20773-8	168
2115	Artificial lotus leaf by nanocasting. <b>2005</b> , 21, 8978-81	569
2114	Superhydrophobicity on two-tier rough surfaces fabricated by controlled growth of aligned carbon nanotube arrays coated with fluorocarbon. <b>2005</b> , 21, 11208-12	186
2113	Modeling of ultralyophobicity: suspension of liquid drops by a single asperity. <b>2005</b> , 21, 10370-4	66
2112	Diverse access to artificial superhydrophobic surfaces using block copolymers. <b>2005</b> , 21, 6662-5	207
2111	Wetting of regularly structured gold surfaces. <b>2005</b> , 21, 1753-7	201
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1896	Superhydrophobic TiO <sub>2</sub> Surfaces: Preparation, Photocatalytic Wettability Conversion, and Superhydrophobic Superhydrophilic Patterning. <b>2007</b> , 111, 14521-14529	229
1895	Growth dynamics of water drops on a square-pattern rough hydrophobic surface. <b>2007</b> , 23, 6486-9	139
1894	Anisotropic wettability on imprinted hierarchical structures. <b>2007</b> , 23, 7793-8	109
1893	Hierarchical silicon etched structures for controlled hydrophobicity/superhydrophobicity. <b>2007</b> , 7, 3388-93	264
1892	Plant Cuticle. <b>2007</b> ,	
1891	Preparation and application of fluorocarbon polymer/SiO <sub>2</sub> hybrid materials, part 2: Water and oil repellent processing for cotton fabrics by sol-gel method. <b>2007</b> , 103, 3019-3024	25
1890	Remarkably simple fabrication of superhydrophobic surfaces using electroless galvanic deposition. <b>2007</b> , 46, 1710-2	298
1889	Electrospinning: a fascinating method for the preparation of ultrathin fibers. <b>2007</b> , 46, 5670-703	3325

1888	Remarkably Simple Fabrication of Superhydrophobic Surfaces Using Electroless Galvanic Deposition. <b>2007</b> , 119, 1740-1742	118
1887	Elektrospinnen: eine faszinierende Methode zur Präparation ultradünner Fasern. <b>2007</b> , 119, 5770-5805	76
1886	Fabrication of Superhydrophobic Surfaces on Engineering Materials by a Solution-Immersion Process. <b>2007</b> , 17, 593-596	216
1885	A Novel Ultra-hydrophobic Surface: Statically Non-wetting but Dynamically Non-sliding. <b>2007</b> , 17, 2739-2745	82
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1883	Decorated Electrospun Fibers Exhibiting Superhydrophobicity. <b>2007</b> , 19, 255-259	273
1882	Anti-Lotus Effect for Nanostructuring at the Leidenfrost Temperature. <b>2007</b> , 19, 1262-1266	39
1881	Etching Masks Based on Miniemulsions: A Novel Route Towards Ordered Arrays of Surface Nanostructures. <b>2007</b> , 19, 1337-1341	60
1880	The Dry-Style Antifogging Properties of Mosquito Compound Eyes and Artificial Analogues Prepared by Soft Lithography. <b>2007</b> , 19, 2213-2217	750
1879	Hierarchically Nanostructured Polymer Films Based on Molecularly Imprinted Surface-Bound Nanofilaments. <b>2007</b> , 19, 3717-3720	33
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1877	Definition of Superhydrophobic States. <b>2007</b> , 19, 3423-3424	721
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1872	Bio-mimetic surface structuring of coating for tribological applications. <b>2007</b> , 201, 7889-7895	16
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1870	Wetting study of patterned surfaces for superhydrophobicity. <b>2007</b> , 107, 1033-41	273
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1857	Hierarchical roughness makes superhydrophobic states stable. <b>2007</b> , 84, 382-386	223
1856	ZnO nanotubes by template wetting process. <b>2007</b> , 37, 241-244	24
1855	Responsive colloidal systems: reversible aggregation and fabrication of superhydrophobic surfaces. <b>2007</b> , 310, 481-8	83
1854	Why do pigeon feathers repel water? Hydrophobicity of pennaes, Cassie-Baxter wetting hypothesis and Cassie-Wenzel capillarity-induced wetting transition. <b>2007</b> , 311, 212-6	154
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1833	Fabrication of DNA purification microchip integrated with mesoporous matrix based on MEMS technology. <b>2007</b> , 14, 51-57		8
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1826	Modification of cycloolefin copolymer and poly(vinyl chloride) surfaces by superimposition of nano- and microstructures. <b>2007</b> , 253, 5208-5213		34
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1807	Fluorinated polyhedral oligomeric silsesquioxanes (F-POSS). <b>2008</b> , 47, 4137-40	156
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1778	Mechanics of deformation-triggered pattern transformations and superelastic behavior in periodic elastomeric structures. <b>2008</b> , 56, 2642-2668	221
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