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#	Paper	IF	Citations
1847	Physical Texturing for Superhydrophobic Polymeric Surfaces: A Design Perspective.		
1846	Bioinspired Surfaces with Special Wettability. <b>2005</b> , 36, no		3
1845	Fabrication of superhydrophobic surfaces by dislocation-selective chemical etching on aluminum, copper, and zinc substrates. <b>2005</b> , 21, 9007-9		659
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1843	Wettability of zinc oxide surfaces with controllable structures. <b>2006</b> , 22, 2946-50		62
1842	Super-hydrophobic surfaces from a simple coating method: a bionic nanoengineering approach. <b>2006</b> , 17, 3259-3263		111
1841	Photoreversibly switchable superhydrophobic surface with erasable and rewritable pattern. <b>2006</b> , 128, 14458-9		307
1840	High-Yield Synthesis of Superhydrophilic Polypyrrole Nanowire Networks. <b>2006</b> , 39, 3224-3230		147
1839	Construction of superhydrophobic surfaces by fibrous aggregation of perfluoroalkyl chain-containing organogelators. <b>2006</b> , 2248-50		64
1838	Clusters of bundled nanorods in nanocarpet effect. <b>2006</b> , 88, 103123		72
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1835	Hydrogen-Bonding-Driven Wettability Change of Colloidal Crystal Films: From Superhydrophobicity to Superhydrophilicity. <b>2006</b> , 18, 4984-4986		62
1834	Controlled synthesis of novel 3D dendritic Bi2S3/cross-linked poly(vinyl alcohol) nanocomposites. <b>2006</b> , 17, 4999-5005		8
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1830	"Artificial lotus leaf" prepared using a 1945 patent and a commercial textile. <b>2006</b> , 22, 5998-6000	209
1829	Facile Method To Fabricate a Large-Scale Superhydrophobic Surface by Galvanic Cell Reaction. <b>2006</b> , 18, 1365-1368	131
1828	Fabrication of upended taper-shaped cuprous thiocyanate arrays on a copper surface at room temperature. <b>2006</b> , 110, 11232-6	29
1827	Morphology and Wettability Tunable Two-Dimensional Superstructure Assembled by Hydrogen Bonds and Hydrophobic Interactions. <b>2006</b> , 18, 2974-2981	88
1826	Superhydrophobic modification of polyimide films based on gold-coated porous silver nanostructures and self-assembled monolayers. <b>2006</b> , 16, 4504	58
1825	Formation of superhydrophobic surfaces by biomimetic silicification and fluorination. <b>2006</b> , 22, 11208-13	42
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1811	PDMS-Modified Polyurethane Films with Low Water Contact Angle Hysteresis. <b>2006</b> , 207, 2170-2179	49
1810	Synthesis of Highly Hydrophilic Polyaniline Nanowires and Sub-Micro/Nanostructured Dendrites on Poly(propylene) Film Surfaces. <b>2006</b> , 27, 563-569	32
1809	Design and Creation of Superwetting/Antiwetting Surfaces. <b>2006</b> , 18, 3063-3078	1682
1808	Fabrication of a Superhydrophobic Surface from the Amplified Exponential Growth of a Multilayer. <b>2006</b> , 18, 1441-1444	153
1807	Biomedical Applications of Layer-by-Layer Assembly: From Biomimetics to Tissue Engineering. <b>2006</b> , 18, 3203-3224	1138
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- / /	Biomimetic superhydrophobic and highly oleophobic cotton textiles. <b>2007</b> , 23, 13158-63	331

#### (2007-2007)

1794	Polymer Surface Modification: Topography Effects Leading to Extreme Wettability Behavior. <b>2007</b> , 40, 3965-3969	65
1793	Superhydrophobic polyolefin surfaces: controlled micro- and nanostructures. <b>2007</b> , 23, 7263-8	116
1792	Layer-by-Layer Deposition of Poly(diallyldimethylammonium chloride) and Sodium Silicate Multilayers on Silica-Sphere-Coated Substrate <b>F</b> acile Method to Prepare a Superhydrophobic Surface. <b>2007</b> , 19, 948-953	154
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1778	Silver hierarchical bowl-like array: synthesis, superhydrophobicity, and optical properties. <b>2007</b> , 23, 9802-7	163
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1767	Decorated Electrospun Fibers Exhibiting Superhydrophobicity. <b>2007</b> , 19, 255-259	273
1766	The Dry-Style Antifogging Properties of Mosquito Compound Eyes and Artificial Analogues Prepared by Soft Lithography. <b>2007</b> , 19, 2213-2217	750
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1757	Fabrication of super-hydrophobic film with dual-size roughness by silica sphere assembly. <b>2007</b> , 515, 4686-4690	54
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1743	Fabrication of super-hydrophobic film from PMMA with intrinsic water contact angle below 90 <sup>°</sup> L 2007, 48, 7455-7460	211
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1740	Tailoring the wetting response of silicon surfaces via fs laser structuring. <b>2008</b> , 93, 819	87
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1731	Bioinspired superhydrophobic coatings of carbon nanotubes and linear pi systems based on the "bottom-up" self-assembly approach. <b>2008</b> , 47, 5750-4	145
1730	Fabrication of Hairy Polymeric Films Inspired by Geckos: Wetting and High Adhesion Properties. <b>2008</b> , 18, 1089-1096	203
1729	Superoleophilic and Superhydrophobic Inverse Opals for Oil Sensors. <b>2008</b> , 18, 3258-3264	109
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1726	Nanocarbon Superhydrophobic Surfaces created from Fullerene-Based Hierarchical Supramolecular Assemblies. <b>2008</b> , 20, 443-446	159
1725	Biomimetic Artificial Surfaces Quantitatively Reproduce the Water Repellency of a Lotus Leaf. <b>2008</b> , 20, 4049-4054	386
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1718	Bioinspired Superhydrophobic Coatings of Carbon Nanotubes and Linear  \$\textit{Linear}\$ systems Based on the <b>B</b> ottom-up  \$Belf-Assembly Approach. <b>2008</b> , 120, 5834-5838	38
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1715	Inferring wettability of heterogeneous surfaces by ToF-SIMS. 2008, 320, 563-8	29
1714	Superhydrophobic surface fabricated by bulk photografting of acrylic acid onto high-density polyethylene. <b>2008</b> , 326, 360-5	21
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1711	Self-selective electroless plating: An approach for fabrication of functional 1D nanomaterials. <b>2008</b> , 61, 59-77	76
1710	Fabrication of superhydrophobic surfaces on engineering material surfaces with stearic acid. <b>2008</b> , 254, 2009-2012	113
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1698	From hygrophilic to superhygrophobic: theoretical conditions for making high-contact-angle surfaces from low-contact-angle materials. <b>2008</b> , 24, 7573-9	282
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1658	Designer Binary Nanostructures toward Water Slipping Superhydrophobic Surfaces. <b>2008</b> , 20, 2247-2251	40
1657	Hydrophobic duck feathers and their simulation on textile substrates for water repellent treatment. <b>2008</b> , 3, 046007	83
1656	Biomimetic nanofiber patterns with controlled wettability. <b>2008</b> , 4, 2429	133
1655	Microstructured surfaces engineered using biological templates: A facile approach for the fabrication of superhydrophobic surfaces. <b>2008</b> , 73, 1123-1135	8
1654	Towards bioinspired superhydrophobic poly(L-lactic acid) surfaces using phase inversion-based methods. <b>2008</b> , 3, 034003	31
1653	Bioinspired Materials for Self-Cleaning and Self-Healing. 2008, 33, 732-741	93
1652	Superhydrophobicity of LaMnO 3 Coatings with Hierarchical Microstructures. 2008, 25, 747-750	3
1651	Bioinspired construction of MgIi alloys surfaces with stable superhydrophobicity and improved corrosion resistance. <b>2008</b> , 92, 183103	138

## (2010-2008)

1650	<b>2008</b> , 93, 094107	12
1649	Wettability Alteration of Polymer Surfaces Produced by Scraping. <b>2008</b> , 22, 395-402	55
1648	Fabrication and characterization of superhydrophobic Sb(2)O(3) films. 2008, 19, 165604	35
1647	Templated biomimetic multifunctional coatings. <b>2008</b> , 92, 051107	52
1646	Synthesis and characterization of a superhydrophobic surface from cyclic olefin copolymer. <b>2008</b> , 63,	1
1645	Preparation and Characterization of Styrene/Butyl Acrylate Emulsifier-Free Latex with 2-Acrylamido-2-Methyl Propane Sulfonic Acid as a Reactive Emulsifier. <b>2009</b> , 30, 639-642	9
1644	A Thermodynamic Analysis of the Validity of Wenzel and Cassie's Equations. 2009, 26, 080502	2
1643	The friction of a mesh-like super-hydrophobic surface. <b>2009</b> , 21, 113101	35
1642	Surface modification approaches to control marine biofouling. <b>2009</b> , 664-692	14
1641	Effects of ionizing radiation and temperature on hydrophobic self-cleaning photonic coatings. <b>2009</b> , 3, 031870	1
1640	Superamphiphobic CaLi-based bulk metallic glasses. <b>2009</b> , 60, 225-227	76
1639	Reactive Template Method to Synthesize Gold Nanoparticles with Controllable Size and Morphology Supported on Shells of Polymer Hollow Microspheres and Their Application for Aerobic Alcohol Oxidation in Water. <b>2009</b> , 19, 1112-1117	140
1638	Bioinspired Degradable Substrates with Extreme Wettability Properties. <b>2009</b> , 21, 1830-1834	160
1637	Reversible Switching of Water-Droplet Mobility on a Superhydrophobic Surface Based on a Phase Transition of a Side-Chain Liquid-Crystal Polymer. <b>2009</b> , 21, 4254-4258	116
1636	Supramolecular templates for nanoflake-metal surfaces. <b>2009</b> , 15, 2763-7	53
1635	Tunable gel formation by both sonication and thermal processing in a cholesterol-based self-assembly system. <b>2009</b> , 15, 6234-43	73
1634	Bioinspired superhydrophobic poly(L-lactic acid) surfaces control bone marrow derived cells adhesion and proliferation. <b>2009</b> , 91, 480-8	87
1633	Surface hydration of polymeric (bio)materials: a molecular dynamics simulation study. <b>2010</b> , 92, 1382-91	7

1632	Superhydrophobic Alumina Surfaces Based on Polymer-Stabilized Oxide Layers. <b>2009</b> , 210, 1263-1271	32
1631	Thermochromic coreBhell nanofibers fabricated by melt coaxial electrospinning. <b>2009</b> , 112, 269-274	67
1630	Fabrication of super-hydrophobic surfaces for enhanced stone protection. <b>2009</b> , 203, 1322-1328	138
1629	Facile method to prepare stable superhydrophobic Co3O4 surface. <b>2009</b> , 255, 9493-9497	18
1628	Highly hydrophobic and oleophilic foam for selective absorption. <b>2009</b> , 256, 1413-1418	46
1627	Fabrication of micropatterned thermosensitive gel with highly-ordered honeycomb surface and inverse opal structure. <b>2009</b> , 11, 809-15	6
1626	Coarse-Grained Interaction of a Fluid with a Physically-Patterned Solid Surface: Application to Nanodroplet Wetting. <b>2009</b> , 157, 277-295	13
1625	Preparation of a superhydrophobic film with UV imprinting technology. <b>2009</b> , 17, 821-824	14
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1623	On the Function of Wall Sculpturing in Xylem Conduits. <b>2009</b> , 6, 324-329	35
1622	Anisotropism of the Non-Smooth Surface of Butterfly Wing. <b>2009</b> , 6, 71-76	44
1621	Plasma Nanostructuring of Polymers: Different Routes to Superhydrophobicity. <b>2009</b> , 6, 460-466	72
1620	Anisotropically microstructured and micro/nanostructured polypropylene surfaces. 2009, 603, 2240-2247	29
1619	Superhydrophobic nanoporous polymers as efficient adsorbents for organic compounds. <b>2009</b> , 4, 135-142	353
1618	Large-area unmodified superhydrophobic copper substrate can be prepared by an electroless replacement deposition. <b>2009</b> , 329, 208-11	60
1617	Fabrication and adhesion of biomimetic nanotextures fabricated by local oxidation nanolithography. <b>2009</b> , 333, 304-9	5
1616	One-pot method for build-up nanoporous super oil-repellent films. <b>2009</b> , 335, 146-9	31
1615	A facile dip-coating process for preparing highly durable superhydrophobic surface with multi-scale structures on paint films. <b>2009</b> , 337, 531-7	86

#### (2009-2009)

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1613	Comparative analysis of the dynamic contact angles for two types of superhydrophobic layered double hydroxide film surfaces. <b>2009</b> , 64, 2957-2962	8
1612	Self-repairing and superhydrophobic film of gold nanoparticles and fullerene pyridyl derivative based on the self-assembly approach. <b>2009</b> , 340, 121-125	13
1611	Amphiphilic molecule controlled synthesis of CuO nano/micro-superstructure film with hydrophilicity and superhydrophilicity surface. <b>2009</b> , 352, 18-23	9
1610	Bio-inspired water repellent surfaces produced by ultrafast laser structuring of silicon. <b>2009</b> , 255, 5425-5429	109
1609	Carbon coating with combined super-hydrophobic and self-lubricating properties on titanium silicon carbide. <b>2009</b> , 47, 629-634	11
1608	Superhydrophobic surfaces based on dandelion-like ZnO microspheres. <b>2009</b> , 255, 3904-3907	20
1607	Ultra-fast spreading on superhydrophilic fibrous mesh with nanochannels. <b>2009</b> , 255, 4944-4949	28
1606	One-step hydrothermal creation of hierarchical microstructures toward superhydrophilic and superhydrophobic surfaces. <b>2009</b> , 25, 11822-6	80
1605	Principles of design of superhydrophobic coatings by deposition from dispersions. <b>2009</b> , 25, 2907-12	62
1604	Light switching of molecules on surfaces. <b>2009</b> , 60, 407-28	251
1603	Anti-icing superhydrophobic coatings. <b>2009</b> , 25, 12444-8	1115
1602	Perfectly Hydrophobic Silicone Nanofiber Coatings: Preparation from Methyltrialkoxysilanes and Use as Water-Collecting Substrate. <b>2009</b> , 113, 8350-8356	33
1601	Durable superhydrophobic and antireflective surfaces by trimethylsilanized silica nanoparticles-based sol-gel processing. <b>2009</b> , 25, 6357-62	275
1600	Supercritical carbon dioxide: A reactive medium for chemical processes involving fluoropolymers. <b>2009</b> , 79, 578-588	15
1599	Mimicking biological structured surfaces by phase-separation micromolding. <b>2009</b> , 25, 4365-9	64
1598	Nucleotide-responsive wettability on a smart polymer surface. <b>2009</b> , 131, 8370-1	81
1597	Water Structure at Superhydrophobic Quartz/Water Interfaces: A Vibrational Sum Frequency Generation Spectroscopy Study. <b>2009</b> , 113, 21155-21161	26

1596	Microscale patterning of hydrophobic/hydrophilic surfaces by spatially controlled galvanic displacement reactions. <b>2009</b> , 25, 6019-23	16
1595	Wetting properties on nanostructured surfaces of cicada wings. <b>2009</b> , 212, 3148-55	154
1594	pH-amplified exponential growth multilayers: a facile method to develop hierarchical micro- and nanostructured surfaces. <b>2009</b> , 25, 672-5	95
1593	Facile approach in fabricating superhydrophobic and superoleophilic surface for water and oil mixture separation. <b>2009</b> , 1, 2613-7	316
1592	Facile Fabrication of Raspberry-like Composite Nanoparticles and Their Application as Building Blocks for Constructing Superhydrophilic Coatings. <b>2009</b> , 113, 9063-9070	129
1591	Miniature boats with striking loading capacity fabricated from superhydrophobic copper meshes. <b>2009</b> , 1, 420-3	108
1590	Fabrication of flexible superhydrophobic films by lift-up soft-lithography and decoration with Ag nanoparticles. <b>2009</b> , 20, 065304	52
1589	Pressure-induced water flow through model nanopores. <b>2009</b> , 11, 528-33	36
1588	Superhydrophobic Coatings with Reduced Ice Adhesion. <b>2009</b> , 23, 1215-1237	179
1587	Superoleophobic cotton textiles. <b>2009</b> , 25, 2456-60	285
1586	Smart responsive surfaces switching reversibly between super-hydrophobicity and super-hydrophilicity. <b>2009</b> , 5, 275-281	157
1585	Preparation of superhydrophobic coatings on zinc as effective corrosion barriers. <b>2009</b> , 1, 1150-3	244
1584	Effect of boundary conditions on the structure and dynamics of nanoscale confined water. <b>2009</b> , 113, 2046-52	6
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1582	Preparation of superhydrophobic coatings on zinc, silicon, and steel by a solution-immersion technique. <b>2009</b> , 1, 2086-91	73
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1578	The role of nano-roughness in antifouling. <b>2009</b> , 25, 757-67	163
1577	Water Shedding Angle: A New Technique to Evaluate the Water-Repellent Properties of Superhydrophobic Surfaces. <b>2009</b> , 79, 1565-1570	139
1576	Superhydrophobic membranes with ordered arrays of nanospiked microchannels for water desalination. <b>2009</b> , 25, 5446-50	77
1575	Alumina nanowire forests via unconventional anodization and super-repellency plus low adhesion to diverse liquids. <b>2009</b> , 1043-5	180
1574	Superhydrophobic and transparent coatings based on removable polymeric spheres. <b>2009</b> , 19, 655-660	51
1573	Brilliant Whiteness Surfaces from Electrospun Nanofiber Webs. <b>2009</b> , 79, 771-779	16
1572	Wettability conversion of colloidal TiO2 nanocrystal thin films with UV-switchable hydrophilicity. <b>2009</b> , 11, 3692-700	44
1571	DNA nanomachines and their functional evolution. <b>2009</b> , 2625-36	126
1570	Structural color films with lotus effects, superhydrophilicity, and tunable stop-bands. <i>Accounts of Chemical Research</i> , <b>2009</b> , 42, 1-10	279
1569	Optimizing Super-Hydrophobic Surfaces: Criteria for Comparison of Surface Topographies. <b>2009</b> , 23, 401-411	36
1568	Micro/nanobinary structure of silver films on copper alloys with stable water-repellent property under dynamic conditions. <b>2009</b> , 25, 12299-307	66
1567	Wetting on fractal superhydrophobic surfaces from "core-shell" particles: a comparison of theory and experiment. <b>2009</b> , 25, 3132-6	39
1566	Superhydrophobic Titania Membranes of Different Adhesive Forces Fabricated by Electrospinning. <b>2009</b> , 113, 14220-14224	84
1565	Fabrication of Functionalized Copper Compound Hierarchical Structure with Bionic Superhydrophobic Properties. <b>2009</b> , 113, 5396-5401	104
1564	Single-walled carbon nanotube pillars: a superhydrophobic surface. <b>2009</b> , 25, 4792-8	55
1563	Superhydrophobicity of boron nitride nanotubes grown on silicon substrates. <b>2009</b> , 25, 4853-60	105
1562	Saccharide-sensitive wettability switching on a smart polymer surface. <b>2009</b> , 5, 2759	47
1561	Polymeric complexes as building blocks for rapid fabrication of layer-by-layer assembled multilayer films and their application as superhydrophobic coatings. <b>2009</b> , 19, 497-504	58

1560	Self-assembly of fluorocarbon-coated FePt nanoparticles for controlling structure and wettability of surfaces. <b>2009</b> , 5, 1247-1250	8
1559	Superhydrophobic and Highly Oleophobic Cotton Textile: Achieved by Silica Particles and PFPE. <b>2009</b> , 79-82, 683-686	4
1558	Bioinspired silicon hollow-tip arrays for high performance broadband anti-reflective and water-repellent coatings. <b>2009</b> , 19, 1806	91
1557	Super oil-repellent surfaces from conductive polymers. <b>2009</b> , 19, 7130	38
1556	Hierarchically organized soft-materials based on fullerenes. <b>2009</b> , 159, 012005	1
1555	Controlled Liquid Dynamics on Three-Dimensional Nanostructured Surfaces. 2009,	
1554	Tailoring of superhydrophilic to superhydrophobic coating morphologies for space exploration contamination control. <b>2010</b> ,	3
1553	Superhydrophobicity of post-like aligned carbon nanotube films. <b>2010</b> ,	4
1552	Switchable wettability on cooperative dual-responsive poly-L-lysine surface. <b>2010</b> , 26, 1024-8	44
1551	Tunable wettability and rewritable wettability gradient from superhydrophilicity to superhydrophobicity. <b>2010</b> , 26, 12203-8	66
1550	Superhydrophilic surfaces via polymer-SiO2 nanocomposites. <b>2010</b> , 26, 15567-73	87
1549	Polyhedral Oligomeric Silsesquioxane-Functionalized Perfluorocyclobutyl Aryl Ether Polymers. <b>2010</b> , 195-209	2
1548	Antireflective surfaces based on biomimetic nanopillared arrays. <b>2010</b> , 5, 117-127	249
1547	Recent research progress in wettability of colloidal crystals. <b>2010</b> , 53, 318-326	8
1546	Turning polysaccharides into hydrophobic materials: a critical review. Part 1. Cellulose. <b>2010</b> , 17, 875-889	149
1545	Turning polysaccharides into hydrophobic materials: a critical review. Part 2. Hemicelluloses, chitin/chitosan, starch, pectin and alginates. <b>2010</b> , 17, 1045-1065	118
1544	Novel superhydrophobic and highly oleophobic PFPE-modified silica nanocomposite. <b>2010</b> , 45, 460-466	41
1543	Different wetting behavior of alkyl- and fluorocarbon-terminated films based on cupric hydroxide nanorod quasi-arrays. <b>2010</b> , 123, 309-313	16

## (2010-2010)

1542	mesostructured island formation in solgel SiO2 rilms through controlled, concentration-dependent flocculation of colloidal silica particles. <b>2010</b> , 64, 258-260	2
1541	Melanin-containing films: growth from dopamine solutions versus layer-by-layer deposition. <b>2010</b> , 11, 3299-305	53
1540	A General Approach for Fabricating Arc-Shaped Composite Nanowire Arrays by Pulsed Laser Deposition. <b>2010</b> , 20, 703-707	24
1539	Switchable Adhesion on Liquid/Solid Interfaces. <b>2010</b> , 20, 3753-3764	192
1538	"Water strider" legs with a self-assembled coating of single-crystalline nanowires of an organic semiconductor. <b>2010</b> , 22, 376-9	57
1537	Multifunctional hybrid fabrics with thermally stable superhydrophobicity. <b>2010</b> , 22, 2138-41	103
1536	Self-assembled organic-inorganic hybrid elastic crystal via biomimetic mineralization. 2010, 22, 3729-34	31
1535	Electroactive Conducting Polymers for the Protection of Metals against Corrosion: from Micro- to Nanostructured Films. <b>2010</b> , 631-680	3
1534	Fabrication of large-scale hierarchical ZnO hollow spheroids for hydrophobicity and photocatalysis. <b>2010</b> , 16, 7865-74	66
1533	Sonication-triggered instantaneous gel-to-gel transformation. <b>2010</b> , 16, 9099-106	114
1532	Solution-processable flower-shaped hierarchical structures: self-assembly, formation, and state transition of biomimetic superhydrophobic surfaces. <b>2010</b> , 16, 7309-18	23
1531	Oriented free-standing ammonium vanadium oxide nanobelt membranes: highly selective absorbent materials. <b>2010</b> , 16, 14307-12	13
1530	Bioinspired self-healing superhydrophobic coatings. <b>2010</b> , 49, 6129-33	414
1529	Spherical Comb Copolymer Micelles and their Application in the Construction of Superhydrophobic Surfaces. <b>2010</b> , 211, 1757-1764	4
1528	Direct structuring of a biomimetic anti-reflective, self-cleaning surface for light harvesting in organic solar cells. <b>2010</b> , 31, 539-44	64
1527	Lotus-Effect and inverse Lotus-Effect in connection with extremely rough titanium surfaces. <b>2010</b> , 41, 1062-1069	7
1526	Superhydrophobic cotton fabric fabricated by electrostatic assembly of silica nanoparticles and its remarkable buoyancy. <b>2010</b> , 256, 6736-6742	176
1525	Room temperature synthesis of water-repellent polystyrene nanocomposite coating. <b>2010</b> , 256, 7088-7090	11

1524	Fabrication of an intelligent superhydrophobic surface based on ZnO nanorod arrays with switchable adhesion property. <b>2010</b> , 256, 7619-7622	37
1523	Superhydrophobic wind turbine blade surfaces obtained by a simple deposition of silica nanoparticles embedded in epoxy. <b>2010</b> , 257, 665-669	76
1522	Fabrication of ultrahydrophobic poly(lauryl acrylate) brushes on silicon wafer via surface-initiated atom transfer radical polymerization. <b>2010</b> , 257, 1015-1020	23
1521	Deposition and wettability of silver nanostructures on Si(100) substrate based on galvanic displacement reactions. <b>2010</b> , 257, 1779-1785	12
1520	Stimulus-responsive polymer brushes on surfaces: Transduction mechanisms and applications. <b>2010</b> , 35, 94-112	316
1519	Cotton fabric modification for imparting high water and oil repellency using perfluoroalkyl phosphate acrylate via Fay-induced grafting. <b>2010</b> , 79, 786-790	25
1518	Preparation of highly hydrophobic and lipophobic cellulose fibers by a straightforward gas-solid reaction. <b>2010</b> , 344, 588-95	56
1517	On the possibility of superhydrophobic behavior for hydrophilic materials. <b>2010</b> , 347, 156-62	23
1516	Patterning dewetting in thin polymer films by spatially directed photocrosslinking. 2010, 351, 556-60	29
1515	A strategy of fast reversible wettability changes of WO3 surfaces between superhydrophilicity and superhydrophobicity. <b>2010</b> , 352, 573-9	50
1514	Scalable fabrication of superhydrophobic hierarchical colloidal arrays. <b>2010</b> , 352, 558-65	29
1513	Functionalized superhydrophobic biomimetic chitosan-based films. <b>2010</b> , 81, 140-144	55
1512	Development of superhydrophobic coating on paperboard surface using the Liquid Flame Spray. <b>2010</b> , 205, 436-445	97
1511	Experimental determination of the efficiency of nanostructuring on non-wetting legs of the water strider. <b>2010</b> , 6, 4060-4	37
1510	Facile fabrication of a lotus-effect composite coating via wrapping silica with polyurethane. <b>2010</b> , 256, 2122-2127	23
1509	Sliding behavior of water drops on solgel derived hydrophobic silica films. <b>2010</b> , 256, 3259-3264	41
1508	The friction property of super-hydrophobic cotton textiles. <b>2010</b> , 256, 4220-4225	38
1507	In situ investigation of ice formation on surfaces with representative wettability. <b>2010</b> , 256, 6764-6769	107

#### (2010-2010)

1506	Modification of unsaturated polyester resins (UP) and reinforced UP resins via plasma treatment. <b>2010</b> , 257, 290-295	10
1505	Facile preparation of superhydrophobic copper surface by HNO3 etching technique with the assistance of CTAB and ultrasonication. <b>2010</b> , 257, 1707-1711	43
1504	Protein adsorption and cell adhesion on polyurethane/Pluronic surface with lotus leaf-like topography. <b>2010</b> , 77, 234-9	47
1503	Preparation and characterization of nonfouling polymer brushes on poly(ethylene terephthalate) film surfaces. <b>2010</b> , 78, 343-50	27
1502	Preparation of polypropylene superhydrophobic surface and its blood compatibility. <b>2010</b> , 80, 247-50	53
1501	Novel superhydrophobic silica/poly(siloxane-fluoroacrylate) hybrid nanoparticles prepared via two-step surface-initiated ATRP: Synthesis, characterization, and wettability. <b>2010</b> , 48, 5570-5580	28
1500	Directional water collection on wetted spider silk. <b>2010</b> , 463, 640-3	1324
1499	Superhydrophobic surfaces with micro-/nano-structures prepared by femtosecond laser. <b>2010</b> ,	
1498	Why can a water strider be on water surface?. <b>2010</b> , 30, 028	
1497	Preparation of a Superhydrophobic Carbon Dilm by a Novel Vapor Phase Transport Process. <b>2010</b> , 168-170, 1065-1068	1
1496	Fabrication of Superhydrophobic Surfaces of Titanium Dioxide and Nickel through Electrochemical Deposition on Stainless Steel Substrate. <b>2010</b> , 434-435, 496-498	6
1495	Biomimetic and Smart Polymeric Surfaces for Biomedical and Biotechnological Applications. <b>2010</b> , 636-637, 3-8	1
1494	Superhydrophobic surfaces with nanofibers or nanorods based on thiophene derivatives. <b>2010</b> , 96, 043108	4
1493	Design and fabrication of microcavity-array superhydrophobic surfaces. <b>2010</b> , 108, 024908	13
1492	Superhydrophilic Surfaces for Antifoqging and Antifouling Microfluidic Devices. 2010, 15, 114-119	71
1491	Effect of Surfactant Addition on the Structure of Silver Aggregates Produced by Galvanic Cell Reaction and Fabrication of Superhydrophobic Surfaces. <b>2010</b> , 31, 703-708	3
1490	Interaction of fluids with physically patterned solid surfaces. <b>2010</b> , 133, 054704	10
1489	Effects of the Lunar Environment on Protective Coatings. <b>2010</b> ,	

1488	From superhydrophobicity and water repellency to superhydrophilicity: smart polymer-functionalized surfaces. <b>2010</b> , 46, 4136-8	109
1487	Superhydrophobic cylindrical nanoshell array. <b>2010</b> , 26, 7661-4	24
1486	Silicon surface structure-controlled oleophobicity. <b>2010</b> , 26, 8908-13	60
1485	Biomimetic Lotus Effect Surfaces for Nanopackaging. <b>2010</b> , 47-85	1
1484	Large-area fabrication of superhydrophobic surfaces for practical applications: an overview. <b>2010</b> , 11, 033002	220
1483	Molecular Dynamics Simulation of Salt Rejection in Model Surface-Modified Nanopores. <b>2010</b> , 1, 528-535	81
1482	Fast and selective removal of oils from water surface via highly hydrophobic core-shell Fe2O3@C nanoparticles under magnetic field. <b>2010</b> , 2, 3141-6	186
1481	Fabrication and Wettability of Nanoporous Silver Film on Copper from Choline Chloride-Based Deep Eutectic Solvents. <b>2010</b> , 114, 13614-13619	60
1480	Superhydrophobic surfaces by anomalous fluoroalkylsilane self-assembly on silica nanosphere arrays. <b>2010</b> , 26, 12962-72	73
1479	Bioinspired super-antiwetting interfaces with special liquid-solid adhesion. <i>Accounts of Chemical Research</i> , <b>2010</b> , 43, 368-77	517
1478	Transparent superhydrophobic and highly oleophobic coatings. <b>2010</b> , 146, 57-65; discussion 79-101, 395-401	57
1477	Superhydrophilicity of Highly Textured Carbon Films in Range of pH Values from 0 through 14. <b>2010</b> , 114, 19239-19243	6
1476	Contact line pinning on microstructured surfaces for liquids in the Wenzel state. <b>2010</b> , 26, 860-5	117
1475	In situ electrochemical switching of wetting state of oil droplet on conducting polymer films. <b>2010</b> , 26, 3993-7	74
1474	Bioinspired holographically featured superhydrophobic and supersticky nanostructured materials. <b>2010</b> , 26, 1468-72	56
1473	Robust superhydrophobic mats based on electrospun crystalline nanofibers combined with a silane precursor. <b>2010</b> , 2, 658-62	64
1472	Facile fabrication of uniform silica films with tunable physical properties using silicatein protein from sponges. <b>2010</b> , 26, 4152-9	40

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1470	Bioinspired silica surfaces with near-infrared improved transmittance and superhydrophobicity by colloidal lithography. <b>2010</b> , 26, 9842-7	88
1469	Fabrication of Zinc Oxide/Polydimethylsiloxane Composite Surfaces Demonstrating Oil-Fouling-Resistant Superhydrophobicity. <b>2010</b> , 2, 2880-2883	74
1468	Cross-Linked Matrix-Free Nanocomposites from Reactive Polymer Bilica Hybrid Nanoparticles. <b>2010</b> , 43, 6549-6552	24
1467	Fabrication and superhydrophobic behavior of fluorinated microspheres. <b>2010</b> , 26, 16775-81	18
1466	Design and Fabrication of Hydrophobic Copper Mesh with Striking Loading Capacity and Pressure Resistance. <b>2010</b> , 114, 9370-9378	38
1465	A Water Strider-Like Model with Large and Stable Loading Capacity Fabricated from Superhydrophobic Copper Foils. <b>2010</b> , 2, 2026-2030	49
1464	Humidity responsive asymmetric free-standing multilayered film. <b>2010</b> , 26, 16634-7	33
1463	Adjustable Hydrophobicity of Al Substrates by Chemical Surface Functionalization of Nano/Microstructures. <b>2010</b> , 114, 13219-13225	55
1462	Face selection in one-step bending of Janus nanopillars. <b>2010</b> , 26, 9198-201	23
1461	Photo-responsive systems and biomaterials: photochromic polymers, light-triggered self-assembly, surface modification, fluorescence modulation and beyond. <b>2010</b> , 1, 37-54	444
1461 1460		26
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## (2012-2012)

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Hydrophobic propertion of polymerization. 2013	rties of biomorphic carbon surfaces prepared by sintering lotus leaves. <b>2013</b> , 39, 8165-8 of raspberry-like superhydrophobic polystyrene particles via seeded dispersion	40 3172 <sub>21</sub>
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1038 Chapter 6: Superhydrophobicity, superhydrophilicity, and the rose petal effect. **2013**, 116-128

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## (2015-2015)

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818	A robust and coarse surface mesh modified by interpenetrating polymer network hydrogel for oil-water separation. <b>2015</b> , 132, n/a-n/a	5
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812	Transparent and Superamphiphobic Surfaces from Mushroom-Like Micropillar Arrays. <b>2015</b> , 7, 24197-203	64
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7 <sup>8</sup> 5	Multiple-dimensional micro/nano structural models for hydrophobicity of butterfly wing surfaces and coupling mechanism. <b>2015</b> , 60, 256-263	24
7 <sup>8</sup> 4	Simple synthesis of smart magnetically driven fibrous films for remote controllable oil removal. <b>2015</b> , 7, 2625-32	55
7 <sup>8</sup> 3	Mimosa-inspired design of a flexible pressure sensor with touch sensitivity. <b>2015</b> , 11, 1886-91	240
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748	Rare bi-wetting TiO2-F/SiO2/F-PEG fabric coating for self-cleaning and oil/water separation. <b>2016</b> , 6, 115196-115203	8
747	A highly efficient, stable, durable, and recyclable filter fabricated by femtosecond laser drilling of a titanium foil for oil-water separation. <b>2016</b> , 6, 37591	45
746	Fast and low-cost method to fabricate large-area superhydrophobic surface on steel substrate with anticorrosion and anti-icing properties. <b>2016</b> , 34, 041401	8
745	Pore emptying transition during nucleation in hydrophobic nanopores. <b>2016</b> , 12, 3810-9	1
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738	Covalently Attached Liquids: Instant Omniphobic Surfaces with Unprecedented Repellency. <b>2016</b> , 55, 244-8	192
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736	Confinement of water droplets on rectangular micro/nano-arrayed surfaces. <b>2016</b> , 16, 2487-93	7
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734	Superhydrophocity via gas-phase monomers grafting onto carbon nanotubes. <b>2016</b> , 91, 57-71	12
733	A Simple Thermal Decomposition Method for Synthesis of ZrO2/GrO Nanolayer. <b>2016</b> , 27, 1553-1559	1

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726	Surface forces between rough and topographically structured interfaces. <b>2016</b> , 26, 9-16	4
725	Advanced Sorbents for Oil-Spill Cleanup: Recent Advances and Future Perspectives. <b>2016</b> , 28, 10459-10490	391
724	Electrospun H4SiW12O40/chitosan/polycaprolactam sandwich nanofibrous membrane with excellent dual-function: adsorption and photocatalysis. <b>2016</b> , 6, 96237-96244	9
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719	Correlation of nanoscale behaviour of forces and macroscale surface wettability. <b>2016</b> , 8, 15597-603	17
718	Separation of Water from Ultralow Sulfur Diesel Using Novel Polymer Nanofiber-Coated Glass Fiber Media. <b>2016</b> , 8, 21683-90	20
717	A new replication method for fabricating hierarchical polymer surfaces with robust superhydrophobicity and highly improved oleophobicity. <b>2016</b> , 507, 7-17	11
716	Hydrophobic antireflective coatings with ultralow refractive index synthesized by deposition of methylated hollow silica nanoparticles. <b>2016</b> , 183, 374-377	15
715	Polyacrylamide-Polydivinylbenzene Decorated Membrane for Sundry Ionic Stabilized Emulsions Separation via a Facile Solvothermal Method. <b>2016</b> , 8, 21816-23	24

714	Versatile Self-Cleaning Coating Production Through Sol <b>©</b> el Chemistry. <b>2016</b> , 18, 76-82	9
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712	Recent advances in biomimetic thin membranes applied in emulsified oil/water separation. <b>2016</b> , 4, 15749-	1 <b>5776</b> 8
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499	Protecting Aluminum from Atmospheric Corrosion via Surface Hydrophobization with Stearic Acid and Trialkoxysilanes. <b>2018</b> , 92, 621-629	6

# (2018-2018)

498	Investigating Nanoscopic Structures on a Butterfly Wing To Explore Solvation and Coloration. <b>2018</b> , 95, 1004-1011	7
497	Biomimetic photonic structures with tunable structural colours: From natural to biomimetic to applications. <b>2018</b> , 15, 1-33	11
496	Plant-inspired pipettes. <b>2018</b> , 15,	3
495	Fabrication of a superhydrophobic surface with underwater air-retaining properties by electrostatic flocking <b>2018</b> , 8, 10719-10726	12
494	Recent Progress in Super Hydrophobic/Hydrophilic Self-Cleaning Surfaces for Various Industrial Applications: A Review. <b>2018</b> , 57, 1932-1952	79
493	Interfacial Materials for Anti-Icing: Beyond Superhydrophobic Surfaces. <b>2018</b> , 13, 1406-1414	17
492	Patterned superhydrophobic surfaces to process and characterize biomaterials and 3D cell culture. <b>2018</b> , 5, 379-393	37
491	Anti-Biofouling, Thermal, and Electrical Performance of Nanocomposite Coating with Multiwall Carbon Nanotube and Polytetrafluoroethylene-Blended Polyphenylenesulfide. <b>2018</b> , 37, 843-849	4
490	Soil wettability in ground engineering: fundamentals, methods, and applications. 2018, 13, 1-14	21
489	Robust and durable superhydrophobic electrospun nanofibrous mats via a simple Cu nanocluster immobilization for oil-water contamination. <b>2018</b> , 538, 173-183	26
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487	Application of superhydrophobic coatings as a corrosion barrier: A review. <b>2018</b> , 341, 40-56	242
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479	Fabrication of a novel superhydrophobic and superoleophilic surface by one-step electrodeposition method for continuous oil/water separation. <b>2018</b> , 434, 1015-1020	25
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477	Synthesis of superhydrophobic polydopamine-Ag microbowl/nanoparticle array substrates for highly sensitive, durable and reproducible surface-enhanced Raman scattering detection. <b>2018</b> , 255, 995-1005	36
476	Stretch-induced Wettability Changes of the Superhydrophobic Microstructured Vulcanized Rubber Surface. <b>2018</b> , 61, 348-353	1
475	Polyacrylamide-Modified Polyester Fabric with Easy-Cleaning for Efficient Oil/Water Separation. <b>2018</b> , 5, 1-6	6
474	Bioinspired Surfaces with Superamphiphobic Properties: Concepts, Synthesis, and Applications. <b>2018</b> , 28, 1707415	146
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471	Sorption of cadmium by rice husk char, bamboo char, and coconut shell char in aqueous solutions. <b>2018</b> , 208, 012109	1
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468	Magnetic-Responsive Superwetting Surface. <b>2018</b> , 183-203	3
467	Thermal-Responsive Superwetting Surface. <b>2018</b> , 81-106	
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464	One-shot stereolithography for biomimetic micro hemisphere covered with relief structure. <b>2018</b> , 54, 353-360	2
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453	Electrospinning: A versatile strategy for mimicking natural creatures. <b>2018</b> , 10, 175-185	27
452	Superhydrophobic Surfaces Based on Fractal and Hierarchical Microstructures Using Two-Photon Polymerization: Toward Flexible Superhydrophobic Films. <b>2018</b> , 5, 1801126	14
451	Synthesis, Processing, and Characterization of Helical Polypeptide Rod©oil Mixed Brushes. <b>2018</b> , 7, 1186-1191	7
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448	Designing Liquid-Infused Surfaces for Medical Applications: A Review. <b>2018</b> , 30, e1802724	141
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446	Fundamental study on the wetting property of liquid lithium. <b>2018</b> , 14, 345-350	117
445	Engineering High-Performance MoO -Based Nanomaterials with Supercapacity and Superhydrophobicity by Tuning the Raw Materials Source. <b>2018</b> , 14, e1800480	21

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443	Bioinspired Superwettability Electrospun Micro/Nanofibers and Their Applications. <b>2018</b> , 28, 1801114	139
442	Superhydrophobic Melamine Sponge Coated with Striped Polydimethylsiloxane by Thiol-Ene Click Reaction for Efficient Oil/Water Separation. <b>2018</b> , 3, 5222-5228	35
441	Wettability of laser textured surface: a parametric study based on numerical simulation and experimentation. <b>2018</b> , 70, 977-983	2
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439	Spontaneous directional transportations of water droplets on surfaces driven by gradient structures. <b>2018</b> , 10, 13814-13831	58
438	Nanofinishes for self-cleaning textiles. <b>2018</b> , 127-143	0
437	Self-Healable and Ultrahydrophobic Polyurethane-POSS Hybrids by DielsAlder IlicklReaction: A New Class of Coating Material. <b>2018</b> , 51, 4770-4781	64
436	Alkali metal-ion assisted Michael addition reaction in controlled tailoring of topography in a superhydrophobic polymeric monolith. <b>2018</b> , 6, 17019-17031	12
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434	A brief review on bio-inspired superhydrophobic electrodeposited nickel coatings. <b>2018</b> , 96, 185-192	7
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431	Effect of pulse frequency on the one-step preparation of superhydrophobic surface by pulse electrodeposition. <b>2018</b> , 458, 603-611	30
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429	Effect of microtrichia on the interlocking mechanism in the Asian ladybeetle, (Coleoptera: Coccinellidae). <b>2018</b> , 9, 812-823	12
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427	Chemical and Physical Pathways for Fabricating Flexible Superamphiphobic Surfaces with High Transparency. <b>2018</b> , 8, 47	14

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423	Bioinspired one-step construction of hierarchical superhydrophobic surfaces for oil/water separation. <b>2018</b> , 531, 300-310	57
422	Sliding and rolling behavior of water droplets on an ordered nanoball matrix fluorocarbon polymer layer under simulated weather conditions. <b>2018</b> , 675, 91-98	3
421	Fabrication of a superhydrophobic mesh based on PDMS/SiO nanoparticles/PVDF microparticles/KH-550 by one-step dip-coating method <b>2018</b> , 8, 16251-16259	15
420	Transparent Surfaces Inspired by Nature. <b>2018</b> , 6, 1800091	24
419	Emulsion-Assisted Polymerization-Induced Hierarchical Self-Assembly of Giant Sea Urchin-like Aggregates on a Large Scale. <b>2018</b> , 130, 8175-8179	14
418	Emulsion-Assisted Polymerization-Induced Hierarchical Self-Assembly of Giant Sea Urchin-like Aggregates on a Large Scale. <b>2018</b> , 57, 8043-8047	33
417	Local Wettability Modification and its Micro-Fluidic System Application. 2018, 1-33	
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415	Corrosive environments tolerant, ductile and self-healing hydrogel for highly efficient oil/water separation. <b>2018</b> , 354, 1185-1196	27
414	Extra-Large Mechanical Anisotropy of a Hydrogel with Maximized Electrostatic Repulsion between Cofacially Aligned 2D Electrolytes. <b>2018</b> , 130, 12688-12693	5
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410	Silica-core perfluorinated polymer-shell composite nanoparticles for highly stable and efficient superhydrophobic surfaces. <b>2018</b> , 6, 12950-12955	18
409	Recent Progress in Durable and Self-Healing Super-Nonwettable Fabrics. <b>2018</b> , 5, 1800461	35

408	Facile and sustainable shear mixing/carbonization approach for upcycling of carton into superhydrophobic coating for efficient oil-water separation. <b>2018</b> , 196, 644-652	25
407	Discrimination of Ceramic Surface Finishing by Vertical Scanning Interferometry. <b>2019</b> , 61, 31-42	4
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405	Environment-Friendly Antibiofouling Superhydrophobic Coatings. <b>2019</b> , 7, 14509-14520	43
404	Waterborne Fluorine-Free Superhydrophobic Surfaces Exhibiting Simultaneous CO2 and Humidity Sorption. <b>2019</b> , 6, 1901013	6
403	Potential of hydrophobic metal-organic framework-based materials for environmental applications. <b>2019</b> , 319-354	2
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400	Roughness dependent wettability of sputtered copper thin films: The effect of the local surface slope. <b>2019</b> , 125, 244307	14
399	Biological design of materials. <b>2019</b> , 27-97	3
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389	Drag-reductive and anti-corrosive superhydrophobic surface fabricated on aluminum with thin PDMS/SiO2 coating. <b>2019</b> , 6, 1065a8	7
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386	Bioinspired Durable Superhydrophobic Surface from a Hierarchically Wrinkled Nanoporous Polymer. <b>2019</b> , 11, 40875-40885	30
385	Magnetically Driven Superhydrophobic Polyurethane Sponge for High Efficiency Oil/Water Mixtures Separation. <b>2019</b> , 16, 38-46	20
384	Facile fabrication and hydrophobic properties of Cu2O nanowire films on Cu substrates. <b>2019</b> , 226, 88-94	10
383	Bioinspired hierarchically hairy particles for robust superhydrophobic coatings via a droplet dynamic template method. <b>2019</b> , 10, 331-335	16
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381	Functionalization of Commercial Sand Core Funnels as Hydrophobic Materials with Novel Physicochemical Properties. <b>2019</b> , 11, 7510-7521	5
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379	A flexible TiCT (MXene)/paper membrane for efficient oil/water separation <b>2019</b> , 9, 16296-16304	31
378	Coating Architects: Manipulating Multiscale Structures To Optimize Interfacial Properties for Coating Applications. <b>2019</b> , 1, 2249-2266	11
377	Chemical Curiosity on Campus: An Undergraduate Project on the Structure and Wettability of Natural Surfaces. <b>2019</b> , 96, 1998-2002	1
376	Brushing up functional materials. <b>2019</b> , 11,	57
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374	Multifunctional nanostructured interfaces: Origin and challenges for biomedical and environmental applications. <b>2019</b> , 1-14	
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372	Amphiphilic Graphene Aerogel with High Oil and Water Adsorption Capacity and High Contact Area for Interface Reaction. <b>2019</b> , 11, 22794-22800	30
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369	Nature-Inspired Liquid Infused Systems for Superwettable Surface Energies. <b>2019</b> , 11, 21275-21293	41
368	Controllable superhydrophobic surfaces with tunable adhesion fabricated by laser interference lithography. <b>2019</b> , 372, 434-441	16
367	Micro-textures inversely designed with overlayed-lithography manufacturability for wetting behavior in CassieBaxter status. <b>2019</b> , 74, 621-640	4
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364	Preparation and Characterization of High Functional Ophthalmic Lens Material Containing Acrylic Formation Isocyanate Group with Carbon Nanoparticles. <b>2019</b> , 19, 6225-6231	2
363	Fabrication of magnetic liquid marbles using superhydrophobic atmospheric pressure plasma jet-formed fluorinated silica nanocomposites. <b>2019</b> , 54, 10179-10190	6
362	Simple Way to a Slippery Lubricant Impregnated Coating with Ultrastability and Self-Replenishment Property. <b>2019</b> , 58, 8148-8153	34
361	Influence of surface topography attributes on settlement and adhesion of natural and synthetic species. <b>2019</b> , 15, 4045-4067	27
360	Physical Structure Induced Hydrophobicity Analyzed from Electrospinning and Coating Polyvinyl Butyral Films. <b>2019</b> , 2019, 1-5	14
359	Micro-cone textures for improved light in-coupling and retroreflection-inspired light trapping at the front surface of solar modules. <b>2019</b> , 27, 593	5
358	Successive four-phase liquid separation using hierarchical microcube-nanohole structure and controlled surface wettability meshes. <b>2019</b> , 9, 6503	6
357	Synthesis of branched gem-bisfluoroalkylsilane with short-chain perfluoroalkyl moieties and its self-assembled monolayers. <b>2019</b> , 6, 086417	3
356	Two-Step Approach for Fabrication of Durable Superamphiphobic Fabrics for Self-Cleaning, Antifouling, and On-Demand Oil/Water Separation. <b>2019</b> , 58, 5490-5500	24
355	Facile preparation of isotactic polypropylene microporous membranes with bioinspired hierarchical morphology for nano-scale water-in-oil emulsion separation. <b>2019</b> , 581, 224-235	24

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352	Chemically reactive protein nanoparticles for synthesis of a durable and deformable superhydrophobic material. <b>2019</b> , 1, 1746-1753	10
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350	Effect of two different RAFT reactions on grafting MMA from pre-irradiated PP film. <b>2019</b> , 159, 222-230	1
349	Colloidal Transfer PrintingMediated Fabrication of Zinc Oxide Nanorods for Self-Cleaning Applications. <b>2019</b> , 6, 1900063	18
348	Thin films of PS/PS-b-pnipam and ps/pnipam polymer blends with tunable wettability. <b>2019</b> , 57, 670-679	6
347	Preparation of hierarchical superhydrophobic melamine-formaldehyde/Ag nanocomposite arrays as surface-enhanced Raman scattering substrates for ultrasensitive and reproducible detection of biomolecules. <b>2019</b> , 288, 20-26	16
346	Superwettability-Based Interfacial Chemical Reactions. <b>2019</b> , 31, e1800718	74
345	Bioinspired Superwettability Micro/Nanoarchitectures: Fabrications and Applications. <b>2019</b> , 29, 1808012	80
344	Chiral Nanostructured Composite Films via Solvent-Tuned Self-Assembly and Their Enantioselective Performances. <b>2019</b> , 35, 3337-3345	48
343	Micro-nano textured superhydrophobic 5083 aluminum alloy as a barrier against marine corrosion and sulfate-reducing bacteria adhesion. <b>2019</b> , 97, 433-440	28
342	Tailoring the robust superhydrophobic silicon textures with stable photodetection properties. <b>2019</b> , 9, 1579	5
341	Carbon Nanomaterials in Renewable Energy Production and Storage Applications. <b>2019</b> , 51-104	11
340	Challenges and Opportunities for Solar Evaporation. <b>2019</b> , 3, 683-718	420
339	Magnetic-Sensitive Nanoparticle Self-Assembled Superhydrophobic Biopolymer-Coated Slow-Release Fertilizer: Fabrication, Enhanced Performance, and Mechanism. <b>2019</b> , 13, 3320-3333	62
338	Formation of plasma-polymerized superhydrophobic coating using an atmospheric-pressure plasma jet. <b>2019</b> , 675, 34-42	13
337	Influence of the Composition of Graft Copolymers of Fluoroalkyl Methacrylates on Stability of the Superhydrophobic State of Stainless Steel Surface. <b>2019</b> , 61, 725-734	1

336	Experimental Investigation of Copper Mesh Substrate with Selective Wettability to Separate Oil/Water Mixture. <b>2019</b> , 12, 4564	2
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333	Bioinspired surfaces with wettability for antifouling application. <b>2019</b> , 11, 22636-22663	66
332	Robust, sustainable and multifunctional nanofibers with smart switchability for water-in-oil and oil-in-water emulsion separation and liquid marble preparation. <b>2019</b> , 7, 26456-26468	18
331	Abrasion resistant semitransparent self-cleaning coatings based on porous silica microspheres and polydimethylsiloxane. <b>2019</b> , 45, 401-408	12
330	Integration of Great Water Repellence and Imaging Performance on a Superhydrophobic PDMS Microlens Array by Femtosecond Laser Microfabrication. <b>2019</b> , 21, 1800994	15
329	Recent advances on open fluidic systems for biomedical applications: A review. <b>2019</b> , 97, 851-863	35
328	Mechanisms of pressure-induced water infiltration process through graphene nanopores. <b>2019</b> , 45, 518-524	3
327	Highly fluorinated and hierarchical HNTs/SiO2 hybrid particles for substrate-independent superamphiphobic coatings. <b>2019</b> , 359, 626-640	43
326	Bio-inspired three-dimensional carbon network with enhanced mass-transfer ability for supercapacitors. <b>2019</b> , 143, 728-735	20
325	Synthesis of low surface-energy polyepichlorohydrin triazoles thin film. <b>2019</b> , 539, 481-489	5
324	Development of shrink resistance cotton using fluorocarbon. <b>2019</b> , 6,	11
323	Rapid Programmable Nanodroplet Motion on a Strain-Gradient Surface. <b>2019</b> , 35, 2865-2870	8
322	Mosquito Compound Eyes as Inspiration for Fabrication of Conductive Superhydrophobic Nanocarbon Materials from Waste Wheat Straw. <b>2019</b> , 7, 3883-3894	9
321	Nanosecond laser ablation for enhanced adhesion of CuO nanowires on copper substrate and its application for oil-water separation. <b>2019</b> , 465, 995-1002	34
320	Exploring the underwater air-retaining ability and thermal insulating effect of terry fabrics inspired by Salvinia molesta. <b>2019</b> , 89, 2859-2869	6
319	Relevance of Plasma Processing on Polymeric Materials and Interfaces. <b>2019</b> , 1-21	7

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318	Preparation of a superhydrophobic and superoleophilic polyester textile by chemical vapor deposition of dichlorodimethylsilane for Water Dil separation. <b>2019</b> , 159, 54-63	24
317	Development of a new type of elliptical/non-elliptical vibration coining approaches for manufacturing functional microstructure surfaces. <b>2019</b> , 29, 025012	1
316	Sink dynamics of aqueous drops on lubricating fluid coated hydrophilic surfaces. <b>2019</b> , 562, 377-382	9
315	Fabrication and color-gradient control of colorful superhydrophobic materials with mechanical durable, oil/water separation and recyclable properties. <b>2019</b> , 466, 328-341	13
314	Candle soot as a template for fabricating superhydrophobic titanium dioxide film by magnetron sputtering. <b>2019</b> , 159, 29-36	17
313	Facile one-step fabrication of highly hydrophobic, renewable and mechanically flexible sponge with dynamic coating for efficient oil/water separation. <b>2019</b> , 95, 515-524	23
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303	Strong cellulose hydrogel as underwater superoleophobic coating for efficient oil/water separation. <b>2020</b> , 229, 115467	37
302	Self-Regulated Super-Hydrophobic Cu/CuO Electrode Film Deposited by One-Step High-Power Sputtering. <b>2020</b> , 6, 1900891	6
301	2D -&D conversion of superwetting mesh: A simple but powerful strategy for effective and efficient oil/water separation. <b>2020</b> , 242, 116244	7

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299	From Molecular Precursors to Nanoparticles Tailoring the Adsorption Properties of Porous Carbon Materials by Controlled Chemical Functionalization. <b>2020</b> , 30, 1908371	26
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297	Non-conventional low-molecular-weight organogelators with superhydrophobicity based on fluorescent Ediketone-boron difluorides. <b>2020</b> , 175, 108176	3
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295	Preparation of superhydrophobic flexible tubes with water and blood repellency based on template method. <b>2020</b> , 587, 124331	13
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283	Moth-Eye Mimicking Solid Slippery Glass Surface with Icephobicity, Transparency, and Self-Healing. <b>2020</b> , 14, 10198-10209	30

# (2020-2020)

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281	Asymmetric Wettable Composite Wound Dressing Prepared by Electrospinning with Bioinspired Micropatterning Enhances Diabetic Wound Healing <b>2020</b> , 3, 5383-5394	27
280	Latent fingermark detection using functionalised silicon oxide nanoparticles: Optimisation and comparison with cyanoacrylate fuming. <b>2020</b> , 315, 110442	4
279	A writable lithium metal ink. <b>2020</b> , 63, 1483-1489	30
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# (2021-2021)

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