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Bio-inspired strategies for anti-icing

DOI: 10.1021/nn406522n
ACS Nano, 2014, 8, 3152-69.

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Version: 2024-04-23

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690	Numerical study of the effects of surface topography and chemistry on the wetting transition using the string method. 2014 , 141, 244705		14
689	Superhydrophobic surfaces by laser ablation of rare-earth oxide ceramics. 2014 , 4, 95-99		26
688	Mechanism of delayed frost growth on superhydrophobic surfaces with jumping condensates: more than interdrop freezing. 2014 , 30, 15416-22		107
687	Large area defrosting windows based on electrothermal heating of highly conducting and transmitting Ag wire mesh. <i>RSC Advances</i> , 2014 , 4, 49745-49751	3.7	51
686	Highly compressible and stretchable superhydrophobic coating inspired by bio-adhesion of marine mussels. 2014 , 2, 11365-11371		72
685	Development of sol-gel icephobic coatings: effect of surface roughness and surface energy. 2014 , 6, 20685-92		118
684	Role of water vapor desublimation in the adhesion of an iced droplet to a superhydrophobic surface. 2014 , 30, 12596-601		25
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680	Combining hierarchical surface roughness with fluorinated surface chemistry to preserve superhydrophobicity after organic contamination. <i>Applied Surface Science</i> , 2014 , 320, 658-663	6.7	11
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