

Randal M Hill

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

2,884
citations

21
h-index

25
g-index

25
ext. papers

3,011
ext. citations

5
avg, IF

5.14
L-index

#	Paper	IF	Citations
25	Superhydrophobic surfaces. <i>Current Opinion in Colloid and Interface Science</i> , 2006 , 11, 193-202	7.6	1027
24	Electrospun poly(styrene-block-dimethylsiloxane) block copolymer fibers exhibiting superhydrophobicity. <i>Langmuir</i> , 2005 , 21, 5549-54	4	431
23	Silicone surfactants—New developments. <i>Current Opinion in Colloid and Interface Science</i> , 2002 , 7, 255-261	7.6	139
22	Highly Reactive Multilayer-Assembled TiO ₂ Coating on Electrospun Polymer Nanofibers. <i>Advanced Materials</i> , 2009 , 21, 1252-1256	24	137
21	A Review of Recent Results on Superhydrophobic Materials Based on Micro- and Nanofibers. <i>Journal of Adhesion Science and Technology</i> , 2008 , 22, 1799-1817	2	132
20	Surfactant-Enhanced Spreading. <i>Langmuir</i> , 1996 , 12, 337-344	4	126
19	Superspreading. <i>Current Opinion in Colloid and Interface Science</i> , 1998 , 3, 247-254	7.6	114
18	Enhanced Spreading of Aqueous Films Containing Ethoxylated Alcohol Surfactants on Solid Substrates. <i>Langmuir</i> , 1997 , 13, 7270-7275	4	94
17	Trisiloxane Surfactants: Surface/Interfacial Tension Dynamics and Spreading on Hydrophobic Surfaces. <i>Langmuir</i> , 1996 , 12, 1712-1721	4	88
16	Comparison of the Liquid Crystal Phase Behavior of Four Trisiloxane Superwetter Surfactants. <i>Langmuir</i> , 1994 , 10, 1724-1734	4	79
15	Determination of Wetting Velocities of Surfactant Superspreaders with the Quartz Crystal Microbalance. <i>Langmuir</i> , 1994 , 10, 4060-4068	4	70
14	Enhanced Spreading of Aqueous Films Containing Ionic Surfactants on Solid Substrates. <i>Langmuir</i> , 1997 , 13, 7276-7281	4	62
13	Superspreading of Aqueous Films Containing Trisiloxane Surfactant on Mineral Oil. <i>Langmuir</i> , 1997 , 13, 7282-7286	4	57
12	Lyotropic liquid crystal phase behavior of polymeric siloxane surfactants. <i>Langmuir</i> , 1993 , 9, 2789-2798	4	57
11	Spreading of Aqueous Trisiloxane Surfactant Solutions over Liquid Hydrophobic Substrates. <i>Langmuir</i> , 2001 , 17, 335-348	4	48
10	Phase Behavior and Microstructure of Water/Trisiloxane E6 and E10 Polyoxyethylene Surfactant/Silicone Oil Systems. <i>Langmuir</i> , 1999 , 15, 2278-2289	4	47
9	Phase Behavior and Microstructure of Water/Trisiloxane E12 Polyoxyethylene Surfactant/Silicone Oil Systems. <i>Langmuir</i> , 1999 , 15, 2267-2277	4	32

8	Interfacial Rheology of Graft-Type Polymeric Siloxane Surfactants □ <i>Langmuir</i> , 2003 , 19, 6349-6356	4	31
7	Effect of Didodecyldimethylammonium Bromide on the Phase Behavior of Nonionic Surfactant/Silicone Oil Microemulsions. <i>Langmuir</i> , 2001 , 17, 4534-4539	4	30
6	Spreading of Aqueous Dimethyldidodecylammonium Bromide Surfactant Droplets over Liquid Hydrocarbon Substrates. <i>Langmuir</i> , 1999 , 15, 7392-7402	4	27
5	Nanoscale aggregate structures of trisiloxane surfactants at the solid-liquid interface. <i>Langmuir</i> , 2004 , 20, 2695-700	4	24
4	Improved Accuracy in Dynamic Quartz Crystal Microbalance Measurements of Surfactant Enhanced Spreading. <i>Langmuir</i> , 1996 , 12, 345-347	4	20
3	Interactions between Siloxane Surfactants and Hydrocarbon Surfactants. <i>ACS Symposium Series</i> , 1992 , 278-291	0.4	7
2	Silicone (Siloxane) Surfactants 2003 , 793-804		5
1	Other Types of Surfactants 153-235		0