

Per M Claesson

List of Publications by Year in descending order

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279
papers

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citations

30070
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283
all docs

283
docs citations

283
times ranked

10449
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical Properties of Organic Electronic Polymers on the Nanoscale. Advanced Electronic Materials, 2022, 8, .	5.1	7
2	Mechanical Properties of Organic Electronic Polymers on the Nanoscale (Adv. Electron. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70.	9.1	0
3	Dynamic self-stabilization in the electronic and nanomechanical properties of an organic polymer semiconductor. Nature Communications, 2022, 13, .	12.8	14
4	Phospholipids and Hyaluronan: From Molecular Interactions to Nano- and Macroscale Friction. Colloids and Interfaces, 2022, 6, 38.	2.1	1
5	Bioinspired Bottlebrush Polymers for Aqueous Boundary Lubrication. Polymers, 2022, 14, 2724.	4.5	9
6	Friction at nanopillared polymer surfaces beyond Amontonsâ€™ laws: Stick-slip amplitude coefficient (SSAC) and multiparametric nanotribological properties. Journal of Colloid and Interface Science, 2021, 583, 414-424.	9.4	9
7	Nano-scale mechanical and wear properties of a corrosion protective coating reinforced by cellulose nanocrystals â€œ Initiation of coating degradation. Applied Surface Science, 2021, 537, 147789.	6.1	15
8	Water Dispersive Suprastructures: An Organizational Impact on Nanomechanical Properties. Advanced Materials Interfaces, 2021, 8, 2001687.	3.7	8
9	Polymer Induced Gelation of Aqueous Suspensions of Cellulose Nanocrystals. Langmuir, 2021, 37, 3015-3024.	3.5	12
10	Nanoscale Mechanical Properties of Coreâ€™Shell-like Poly-NIPAm Microgel Particles: Effect of Temperature and Cross-Linking Density. Journal of Physical Chemistry B, 2021, 125, 9860-9869.	2.6	9
11	Nanoscale Wear and Mechanical Properties of Calcite: Effects of Stearic Acid Modification and Water Vapor. Langmuir, 2021, 37, 9826-9837.	3.5	8
12	Local Wear of Catechol-Containing Diblock Copolymer Layers: Wear Volume, Stickâ€™Slip, and Nanomechanical Changes. Journal of Physical Chemistry C, 2021, 125, 21277-21292.	3.1	2
13	Aqueous molybdate provides effective corrosion inhibition of WE43 magnesium alloy in sodium chloride solutions. Corrosion Science, 2021, 190, 109664.	6.6	54
14	Temperature-Dependent Nanomechanical Properties of Adsorbed Poly-NIPAm Microgel Particles Immersed in Water. Langmuir, 2021, 37, 1902-1912.	3.5	17
15	Robust and Large-Area Calix[4]pyrrole-Based Nanofilms Enabled by Air/DMSO Interfacial Self-Assembly-Confined Synthesis. ACS Applied Materials & Interfaces, 2021, 13, 3336-3348.	8.0	18
16	Surface-Modified and Unmodified Calcite: Effects of Water and Saturated Aqueous Octanoic Acid Droplets on Stability and Saturated Fatty Acid Layer Organization. Langmuir, 2021, 37, 14135-14146.	3.5	5
17	Albuminâ€™Hyaluronan Interactions: Influence of Ionic Composition Probed by Molecular Dynamics. International Journal of Molecular Sciences, 2021, 22, 12360.	4.1	12
18	Comparative study of CNC and CNF as additives in waterborne acrylate-based anti-corrosion coatings. Journal of Dispersion Science and Technology, 2020, 41, 2037-2047.	2.4	11

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19	Influence of the Molecular Weight and the Presence of Calcium Ions on the Molecular Interaction of Hyaluronan and DPPC. <i>Molecules</i> , 2020, 25, 3907.	3.8	6
20	Intracellular Fate of Hydrophobic Nanocrystal Self-Assemblies in Tumor Cells. <i>Advanced Functional Materials</i> , 2020, 30, 2004274.	14.9	18
21	Surface and corrosion properties of AA6063-T5 aluminum alloy in molybdate-containing sodium chloride solutions. <i>Corrosion Science</i> , 2020, 171, 108658.	6.6	52
22	Comparison of different surface disinfection treatments of drinking water facilities from a corrosion and environmental perspective. <i>Environmental Science and Pollution Research</i> , 2020, 27, 12704-12716.	5.3	19
23	Recent progress in surface forces: Application to complex systems, biology, and wetting. <i>Current Opinion in Colloid and Interface Science</i> , 2020, 47, A1-A2.	7.4	1
24	Bioinspired Adhesion Polymers: Wear Resistance of Adsorption Layers. <i>Langmuir</i> , 2019, 35, 15515-15525.	3.5	12
25	Interactions of a short hyaluronan chain with a phospholipid membrane. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110539.	5.0	15
26	Biolubrication synergy: Hyaluronan – Phospholipid interactions at interfaces. <i>Advances in Colloid and Interface Science</i> , 2019, 274, 102050.	14.7	43
27	Load-dependent surface nanomechanical properties of poly-HEMA hydrogels in aqueous medium. <i>Soft Matter</i> , 2019, 15, 7704-7714.	2.7	12
28	Influence of high hydrostatic pressure on solid supported DPPC bilayers with hyaluronan in the presence of Ca ²⁺ ions. <i>Soft Matter</i> , 2019, 15, 7295-7304.	2.7	4
29	Wetting Transition on Liquid-Repellent Surfaces Probed by Surface Force Measurements and Confocal Imaging. <i>Langmuir</i> , 2019, 35, 13275-13285.	3.5	12
30	Direct Observation of Gas Meniscus Formation on a Superhydrophobic Surface. <i>ACS Nano</i> , 2019, 13, 2246-2252.	14.6	13
31	Corrosion protective properties of cellulose nanocrystals reinforced waterborne acrylate-based composite coating. <i>Corrosion Science</i> , 2019, 155, 186-194.	6.6	40
32	Iceland spar calcite: Humidity and time effects on surface properties and their reversibility. <i>Journal of Colloid and Interface Science</i> , 2019, 541, 42-55.	9.4	13
33	Propofol adsorption at the air/water interface: a combined vibrational sum frequency spectroscopy, nuclear magnetic resonance and neutron reflectometry study. <i>Soft Matter</i> , 2019, 15, 38-46.	2.7	1
34	Thermoresponsive Pentablock Copolymer on Silica: Temperature Effects on Adsorption, Surface Forces, and Friction. <i>Langmuir</i> , 2019, 35, 653-661.	3.5	3
35	Synergistic effects of metal-induced aggregation of human serum albumin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 751-758.	5.0	35
36	Corrosion inhibition of aluminium alloy AA6063-T5 by vanadates: Local surface chemical events elucidated by confocal Raman micro-spectroscopy. <i>Corrosion Science</i> , 2019, 148, 237-250.	6.6	43

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37	Corrosion Inhibition of Aluminum Alloy AA6063-T5 by Vanadates: Microstructure Characterization and Corrosion Analysis. <i>Journal of the Electrochemical Society</i> , 2018, 165, C116-C126.	2.9	49
38	Terpyridine-functionalized stimuli-responsive microgels and their assembly through metal–ligand interactions. <i>Polymer Chemistry</i> , 2018, 9, 1032-1039.	3.9	19
39	Interactions between model cell membranes and the neuroactive drug propofol. <i>Journal of Colloid and Interface Science</i> , 2018, 526, 230-243.	9.4	11
40	Polymersomes at the solid-liquid interface: Dynamic morphological transformation and lubrication. <i>Journal of Colloid and Interface Science</i> , 2018, 512, 260-271.	9.4	5
41	Physical crosslinking of hyaluronic acid in the presence of phospholipids in an aqueous nano-environment. <i>Soft Matter</i> , 2018, 14, 8997-9004.	2.7	23
42	Reversible Condensation of Mucins into Nanoparticles. <i>Langmuir</i> , 2018, 34, 13615-13625.	3.5	20
43	Nano-scale mechanical and wear properties of a waterborne hydroxyacrylic-melamine anti-corrosion coating. <i>Applied Surface Science</i> , 2018, 457, 548-558.	6.1	29
44	Modeling and Measuring Viscoelasticity with Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , 2018, 10, .	3.8	13
45	Effect of solvent quality and chain density on normal and frictional forces between electrostatically anchored thermoresponsive diblock copolymer layers. <i>Journal of Colloid and Interface Science</i> , 2017, 487, 88-96.	9.4	14
46	Lubrication synergy: Mixture of hyaluronan and dipalmitoylphosphatidylcholine (DPPC) vesicles. <i>Journal of Colloid and Interface Science</i> , 2017, 488, 225-233.	9.4	42
47	Molecular synergy in biolubrication: The role of cartilage oligomeric matrix protein (COMP) in surface-structuring of lubricin. <i>Journal of Colloid and Interface Science</i> , 2017, 495, 200-206.	9.4	28
48	Heating-Induced Enhancement of Corrosion Protection of Carbon Steel by a Nanocomposite Film Containing Mussel Adhesive Protein. <i>Journal of the Electrochemical Society</i> , 2017, 164, C188-C193.	2.9	6
49	Microstructure of chemically modified wood using X-ray computed tomography in relation to wetting properties. <i>Holzforschung</i> , 2017, 71, 119-128.	1.9	22
50	Influence of Glycosylation on Interfacial Properties of Recombinant Mucins: Adsorption, Surface Forces, and Friction. <i>Langmuir</i> , 2017, 33, 4386-4395.	3.5	14
51	From force curves to surface nanomechanical properties. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23642-23657.	2.8	31
52	Temperature-dependent surface nanomechanical properties of a thermoplastic nanocomposite. <i>Journal of Colloid and Interface Science</i> , 2017, 494, 204-214.	9.4	15
53	Synergies in lubrication. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23677-23689.	2.8	33
54	Background-Force Compensation in Dynamic Atomic Force Microscopy. <i>Physical Review Applied</i> , 2017, 7, .	3.8	5

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55	Measurements and dimensional scaling of spontaneous imbibition of inkjet droplets on paper. Nordic Pulp and Paper Research Journal, 2016, 31, 156-169.	0.7	3
56	Towards the mechanism of electrochemical activity and self-healing of 1 wt% PTSA doped polyaniline in alkyd composite polymer coating: combined AFM-based studies. RSC Advances, 2016, 6, 19111-19127.	3.6	18
57	Temperature-Dependent Deicing Properties of Electrostatically Anchored Branched Brush Layers of Poly(ethylene oxide). Langmuir, 2016, 32, 4194-4202.	3.5	15
58	Nickel-vanadium monolayer double hydroxide for efficient electrochemical water oxidation. Nature Communications, 2016, 7, 11981.	12.8	808
59	The influence of hyaluronan on the structure of a DPPC bilayer under high pressures. Colloids and Surfaces B: Biointerfaces, 2016, 142, 230-238.	5.0	21
60	Wetting hysteresis induced by temperature changes: Supercooled water on hydrophobic surfaces. Journal of Colloid and Interface Science, 2016, 468, 21-33.	9.4	40
61	Structure of DPPC-hyaluronan interfacial layers – effects of molecular weight and ion composition. Soft Matter, 2016, 12, 729-740.	2.7	36
62	Hydrophobisation of wood surfaces by combining liquid flame spray (LFS) and plasma treatment: dynamic wetting properties. Holzforschung, 2016, 70, 527-537.	1.9	27
63	Active corrosion protection by conductive composites of polyaniline in a UV-cured polyester acrylate coating. Progress in Organic Coatings, 2016, 90, 154-162.	3.9	43
64	Wettability and swelling of acetylated and furfurylated wood analyzed by multicycle Wilhelmy plate method. Holzforschung, 2016, 70, 69-77.	1.9	46
65	Toward Superhydrophobic Polydimethylsiloxane-Silica Particle Coatings. Journal of Dispersion Science and Technology, 2016, 37, 1375-1383.	2.4	13
66	The effect of temperature on supported dipalmitoylphosphatidylcholine (DPPC) bilayers: Structure and lubrication performance. Journal of Colloid and Interface Science, 2015, 445, 84-92.	9.4	34
67	Tethered Poly(2-isopropyl-2-oxazoline) Chains: Temperature Effects on Layer Structure and Interactions Probed by AFM Experiments and Modeling. Langmuir, 2015, 31, 3039-3048.	3.5	9
68	Charge regulation and energy dissipation while compressing and sliding a cross-linked chitosan hydrogel layer. Journal of Colloid and Interface Science, 2015, 443, 162-169.	9.4	12
69	Association of anionic surfactant and physisorbed branched brush layers probed by neutron and optical reflectometry. Journal of Colloid and Interface Science, 2015, 440, 245-252.	9.4	21
70	Corrosion protection by hydrophobic silica particle-polydimethylsiloxane composite coatings. Corrosion Science, 2015, 99, 89-97.	6.6	69
71	Frictional behavior of micro-patterned silicon surface. Journal of Colloid and Interface Science, 2015, 456, 76-84.	9.4	7
72	Corrosion Inhibition of Two Brass Alloys by Octadecanethiol in Humidified Air with Formic Acid. Corrosion, 2015, 71, 908-917.	1.1	6

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73	Long-term corrosion protection by a thin nano-composite coating. Applied Surface Science, 2015, 357, 2333-2342.	6.1	21
74	Effects of protonation on foaming properties of dodecyldimethylamine oxide solutions: a pH-study. Soft Matter, 2015, 11, 561-571.	2.7	15
75	Surface forces and friction between non-polar surfaces coated by temperature-responsive methylcellulose. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 441, 701-708.	4.7	8
76	Wettability and liquid sorption of wood investigated by Wilhelmy plate method. Wood Science and Technology, 2014, 48, 161-176.	3.2	22
77	Influence of polyaniline and ceria nanoparticle additives on corrosion protection of a UV-cure coating on carbon steel. Corrosion Science, 2014, 84, 189-197.	6.6	84
78	Direct Measurement of Colloidal Interactions between Polyaniline Surfaces in a UV-Curable Coating Formulation: The Effect of Surface Hydrophilicity/Hydrophobicity and Resin Composition. Langmuir, 2014, 30, 1045-1054.	3.5	15
79	Surface Grafted Chitosan Gels. Part II. Gel Formation and Characterization. Langmuir, 2014, 30, 8878-8888.	3.5	35
80	Superhydrophilic Polyelectrolyte Brush Layers with Imparted Anti-Icing Properties: Effect of Counter ions. ACS Applied Materials & Interfaces, 2014, 6, 6487-6496.	8.0	115
81	Comparison of a Brush-with-Anchor and a Train-of-Brushes Mucin on Poly(methyl methacrylate) Surfaces: Adsorption, Surface Forces, and Friction. Biomacromolecules, 2014, 15, 1515-1525.	5.4	25
82	Temperature-Dependent Adsorption and Adsorption Hysteresis of a Thermoresponsive Diblock Copolymer. Langmuir, 2014, 30, 4333-4341.	3.5	14
83	Nanoscale Electrical and Mechanical Characteristics of Conductive Polyaniline Network in Polymer Composite Films. ACS Applied Materials & Interfaces, 2014, 6, 19168-19175.	8.0	35
84	Surface Grafted Chitosan Gels. Part I. Molecular Insight into the Formation of Chitosan and Poly(acrylic acid) Multilayers. Langmuir, 2014, 30, 8866-8877.	3.5	26
85	Octadecanethiol as Corrosion Inhibitor for Zinc and Patterned Zinc-Copper in Humidified Air with Formic Acid. Journal of the Electrochemical Society, 2014, 161, C330-C338.	2.9	16
86	Aggregation of inkjet ink components by Ca and Mg ions in relation to colorant pigment distribution in paper. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 456, 92-99.	4.7	5
87	Multicycle Wilhelmy Plate Method for Wetting Properties, Swelling and Liquid Sorption of Wood. Langmuir, 2013, 29, 12145-12153.	3.5	24
88	Hydrophobic Surfaces: Topography Effects on Wetting by Supercooled Water and Freezing Delay. Journal of Physical Chemistry C, 2013, 117, 21752-21762.	3.1	113
89	Kinetic and Equilibrium Aspects of Adsorption and Desorption of Class II Hydrophobins HFBI and HFBII at Silicon Oxynitride/Water and Air/Water Interfaces. Langmuir, 2013, 29, 2683-2691.	3.5	11
90	The effect of superhydrophobic wetting state on corrosion protection – The AKD example. Journal of Colloid and Interface Science, 2013, 412, 56-64.	9.4	68

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91	In situ confocal Raman micro-spectroscopy and electrochemical studies of mussel adhesive protein and ceria composite film on carbon steel in salt solutions. <i>Electrochimica Acta</i> , 2013, 107, 276-291.	5.2	31
92	Frictional forces between hydrophilic and hydrophobic particle coated nanostructured surfaces. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17893.	2.8	18
93	Micro-Galvanic Corrosion Effects on Patterned Copper-Zinc Samples during Exposure in Humidified Air Containing Formic Acid. <i>Journal of the Electrochemical Society</i> , 2013, 160, C423-C431.	2.9	23
94	Low friction and high load bearing capacity layers formed by cationic-block-non-ionic bottle-brush copolymers in aqueous media. <i>Soft Matter</i> , 2013, 9, 5361.	2.7	46
95	Salt- and pH-induced desorption: Comparison between non-aggregated and aggregated mussel adhesive protein, Mefp-1, and a synthetic cationic polyelectrolyte. <i>Journal of Colloid and Interface Science</i> , 2013, 408, 82-86.	9.4	11
96	In situ investigations of Fe ³⁺ induced complexation of adsorbed Mefp-1 protein film on iron substrate. <i>Journal of Colloid and Interface Science</i> , 2013, 404, 62-71.	9.4	28
97	Hydrophobic pore array surfaces: Wetting and interaction forces in water/ethanol mixtures. <i>Journal of Colloid and Interface Science</i> , 2013, 396, 278-286.	9.4	10
98	Microstructure influence on corrosion behavior of a Fe-Cr-N tool alloy studied by SEM/EDS, scanning Kelvin force microscopy and electrochemical measurement. <i>Corrosion Science</i> , 2013, 66, 153-159.	6.6	22
99	Poly(Ethylene Oxide) Star Polymer Adsorption at the Silica/Aqueous Interface and Displacement by Linear Poly(Ethylene Oxide). <i>Langmuir</i> , 2013, 29, 3999-4007.	3.5	21
100	Sustained Frictional Instabilities on Nanodomed Surfaces: Stick-Slip Amplitude Coefficient. <i>ACS Nano</i> , 2013, 7, 10850-10862.	14.6	27
101	UV-curable acrylate-based nanocomposites: effect of polyaniline additives on the curing performance. <i>Polymers for Advanced Technologies</i> , 2013, 24, 668-678.	3.2	21
102	Nanostructured Composite Layers of Mussel Adhesive Protein and Ceria Nanoparticles. <i>Langmuir</i> , 2013, 29, 9551-9561.	3.5	22
103	Temperature-Dependent Competition between Adsorption and Aggregation of a Cellulose Ether-Simultaneous Use of Optical and Acoustical Techniques for Investigating Surface Properties. <i>Langmuir</i> , 2012, 28, 9515-9525.	3.5	10
104	Structural and Nanomechanical Properties of Paperboard Coatings Studied by Peak Force Tapping Atomic Force Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 5534-5541.	8.0	44
105	Nanomechanical mapping of a high curvature polymer brush grafted from a rigid nanoparticle. <i>Soft Matter</i> , 2012, 8, 8312.	2.7	32
106	Adsorption and Solution Properties of Bottle-Brush Polyelectrolyte Complexes: Effect of Molecular Weight and Stoichiometry. <i>Langmuir</i> , 2012, 28, 6618-6631.	3.5	13
107	Cationic Poly(<i>N</i> -isopropylacrylamide) Block Copolymer Adsorption Investigated by Dual Polarization Interferometry and Lattice Mean-Field Theory. <i>Langmuir</i> , 2012, 28, 14028-14038.	3.5	11
108	Aggregation of Modified Celluloses in Aqueous Solution: Transition from Methylcellulose to Hydroxypropylmethylcellulose Solution Properties Induced by a Low-Molecular-Weight Oxyethylene Additive. <i>Langmuir</i> , 2012, 28, 13562-13569.	3.5	34

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109	Electrochemical, atomic force microscopy and infrared reflection absorption spectroscopy studies of pre-formed mussel adhesive protein films on carbon steel for corrosion protection. Thin Solid Films, 2012, 520, 7136-7143.	1.8	18
110	Electrostatically Anchored Branched Brush Layers. Langmuir, 2012, 28, 15537-15547.	3.5	40
111	Thin Composite Films of Mussel Adhesive Proteins and Ceria Nanoparticles on Carbon Steel for Corrosion Protection. Journal of the Electrochemical Society, 2012, 159, C364-C371.	2.9	23
112	Effect of Surface Depressions on Wetting and Interactions between Hydrophobic Pore Array Surfaces. Langmuir, 2012, 28, 11121-11130.	3.5	14
113	Adsorption of Mefp-1: Influence of pH on adsorption kinetics and adsorbed amount. Journal of Colloid and Interface Science, 2012, 379, 107-113.	9.4	26
114	Amontonian frictional behaviour of nanostructured surfaces. Physical Chemistry Chemical Physics, 2011, 13, 9318.	2.8	29
115	Controlling the interaction of poly(ethylene imine) adsorption layers with oppositely charged surfactant by tuning the structure of the preadsorbed polyelectrolyte layer. Soft Matter, 2011, 7, 10701.	2.7	21
116	Temperature-dependent adsorption of cellulose ethers on silica and hydrophobized silica immersed in aqueous polymer solution. RSC Advances, 2011, 1, 305.	3.6	7
117	Temperature responsive surface layers of modified celluloses. Physical Chemistry Chemical Physics, 2011, 13, 4260.	2.8	18
118	Adsorption Characteristics of Stoichiometric and Nonstoichiometric Molecular Polyelectrolyte Complexes on Silicon Oxynitride Surfaces. Langmuir, 2011, 27, 1044-1050.	3.5	15
119	Investigation of the formation, structure and release characteristics of self-assembled composite films of cellulose nanofibrils and temperature responsive microgels. Soft Matter, 2011, 7, 1369-1377.	2.7	20
120	Amontonian Friction Induced by Flexible Surface Features on Microstructured Silicon. ACS Applied Materials & Interfaces, 2011, 3, 3432-3439.	8.0	13
121	Solvent segregation and capillary evaporation at a superhydrophobic surface investigated by confocal Raman microscopy and force measurements. Soft Matter, 2011, 7, 1045-1052.	2.7	28
122	Toward Homogeneous Nanostructured Polyaniline/Resin Blends. ACS Applied Materials & Interfaces, 2011, 3, 1681-1691.	8.0	45
123	Surface and friction forces between grafted polysaccharide layers in the absence and presence of surfactant. Journal of Colloid and Interface Science, 2011, 364, 351-358.	9.4	11
124	Shear Response of Nanoconfined Water on Muscovite Mica: Role of Cations. Langmuir, 2011, 27, 10351-10355.	3.5	30
125	Robust Hydrophobic Surfaces Displaying Different Surface Roughness Scales While Maintaining the Same Wettability. Langmuir, 2011, 27, 8153-8159.	3.5	32
126	Electrochemical and AFM studies of mussel adhesive protein (Mefp-1) as corrosion inhibitor for carbon steel. Electrochimica Acta, 2011, 56, 1636-1645.	5.2	87

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127	Adsorption characteristics of brush polyelectrolytes on silicon oxynitride revealed by dual polarization interferometry. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 189-197.	9.4	26
128	Protein interactions with bottle-brush polymer layers: Effect of side chain and charge density ratio probed by QCM-D and AFM. <i>Journal of Colloid and Interface Science</i> , 2010, 349, 265-274.	9.4	36
129	Probing material properties of polymeric surface layers with tapping mode AFM: Which cantilever spring constant, tapping amplitude and amplitude set point gives good image contrast and minimal surface damage?. <i>Ultramicroscopy</i> , 2010, 110, 313-319.	1.9	23
130	Modeling of Bottle-Brush Polymer Adsorption onto Mica and Silica Surfaces: Effect of Side-Chain Length. <i>Macromolecules</i> , 2010, 43, 2076-2083.	4.8	21
131	Tuning structural forces between silica surfaces by temperature-induced micellization of responsive block copolymers. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 10730.	2.8	9
132	Friction in aqueous media tuned by temperature-responsive polymer layers. <i>Soft Matter</i> , 2010, 6, 2489.	2.7	70
133	Structural Properties of $\hat{1}^2$ -Dodecylmaltoside and $C_{12}E_6$ Mixed Micelles. <i>Langmuir</i> , 2009, 25, 7296-7303.	3.5	30
134	Modeling of Bottle-Brush Polymer Adsorption onto Mica and Silica Surfaces. <i>Macromolecules</i> , 2009, 42, 6310-6318.	4.8	33
135	Effect of Graft Density on the Nonionic Bottle Brush Polymer/Surfactant Interaction. <i>Langmuir</i> , 2009, 25, 11383-11389.	3.5	12
136	Formation and Stability of Water-Soluble, Molecular Polyelectrolyte Complexes: Effects of Charge Density, Mixing Ratio, and Polyelectrolyte Concentration. <i>Langmuir</i> , 2009, 25, 6113-6121.	3.5	67
137	Influence of Surface Topography on Adhesive and Long-Range Capillary Forces between Hydrophobic Surfaces in Water. <i>Langmuir</i> , 2009, 25, 9197-9207.	3.5	33
138	Aqueous foams stabilized by n-dodecyl- $\hat{1}^2$ -d-maltoside, hexaethyleneglycol monododecyl ether, and their 1 : 1 mixture. <i>Soft Matter</i> , 2009, 5, 3070.	2.7	53
139	Interaction of sodium dodecyl sulfate and high charge density comb polymers at the silica/water interface. <i>Soft Matter</i> , 2009, 5, 3646.	2.7	10
140	Influence of Wetting and Dispersing Agents on the Interaction between Talc and Hydrophobic Particles. <i>Langmuir</i> , 2009, 25, 6909-6915.	3.5	15
141	Interactions between bottle-brush polyelectrolyte layers: Effects of ionic strength and oppositely charged surfactant. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 191-202.	9.4	21
142	Desorption of bottle-brush polyelectrolytes from silica by addition of linear polyelectrolytes studied by QCM-D and reflectometry. <i>Journal of Colloid and Interface Science</i> , 2008, 323, 223-228.	9.4	16
143	Electrochemical behavior and anticorrosion properties of modified polyaniline dispersed in polyvinylacetate coating on carbon steel. <i>Electrochimica Acta</i> , 2008, 53, 4239-4247.	5.2	75
144	Interactions between Chitosan and SDS at a Low-Charged Silica Substrate Compared to Interactions in the Bulk The Effect of Ionic Strength. <i>Langmuir</i> , 2008, 24, 3814-3827.	3.5	62

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145	Buildup of Polyelectrolyte Multilayers of Polyethyleneimine and Microfibrillated Cellulose Studied by in Situ Dual-Polarization Interferometry and Quartz Crystal Microbalance with Dissipation. Langmuir, 2008, 24, 2509-2518.	3.5	113
146	Effect of Polymer Architecture on the Adsorption Properties of a Nonionic Polymer. Langmuir, 2008, 24, 6676-6682.	3.5	40
147	Interactions between Adsorbed Layers of Cationic Gemini Surfactants. Langmuir, 2008, 24, 1133-1140.	3.5	7
148	Viscoelastic Properties of Adsorbed Bottle-brush Polymer Layers Studied by Quartz Crystal Microbalance " Dissipation Measurements. Journal of Physical Chemistry C, 2008, 112, 15028-15036.	3.1	47
149	Lubrication Properties of Bottle-Brush Polyelectrolytes: " An AFM Study on the Effect of Side Chain and Charge Density. Langmuir, 2008, 24, 3336-3347.	3.5	100
150	Adsorption Characteristics of Bottle-Brush Polymers on Silica: Effect of Side Chain and Charge Density. Langmuir, 2008, 24, 5341-5349.	3.5	52
151	Probing Protein Adsorption onto Mercaptoundecanoic Acid Stabilized Gold Nanoparticles and Surfaces by Quartz Crystal Microbalance and " Potential Measurements. Langmuir, 2007, 23, 6053-6062.	3.5	155
152	Structure and Hydration of Poly(ethylene oxide) Surfactants at the Air/Liquid Interface. A Vibrational Sum Frequency Spectroscopy Study. Journal of Physical Chemistry C, 2007, 111, 11642-11652.	3.1	59
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154	Interaction Forces between Talc and Pitch Probed by Atomic Force Microscopy. Langmuir, 2007, 23, 4248-4256.	3.5	20
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