

# Paschalis Alexandridis

## List of Publications by Citations

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141  
papers

13,191  
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59  
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114  
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146  
ext. papers

14,159  
ext. citations

5.8  
avg, IF

6.85  
L-index

#	Paper	IF	Citations
141	Micellization of Poly(ethylene oxide)-Poly(propylene oxide)-Poly(ethylene oxide) Triblock Copolymers in Aqueous Solutions: Thermodynamics of Copolymer Association. <i>Macromolecules</i> , <b>1994</b> , 27, 2414-2425	5.5	1550
140	Poly(ethylene oxide)-poly(propylene oxide)-poly(ethylene oxide) block copolymer surfactants in aqueous solutions and at interfaces: thermodynamics, structure, dynamics, and modeling. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1995</b> , 96, 1-46	5.1	1496
139	A Record Nine Different Phases (Four Cubic, Two Hexagonal, and One Lamellar Lyotropic Liquid Crystalline and Two Micellar Solutions) in a Ternary Isothermal System of an Amphiphilic Block Copolymer and Selective Solvents (Water and Oil). <i>Langmuir</i> , <b>1998</b> , 14, 2627-2638	4	457
138	Non-invasive multimodal functional imaging of the intestine with frozen micellar naphthalocyanines. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 631-8	28.7	311
137	Surface Activity of Poly(ethylene oxide)-block-Poly(propylene oxide)-block-Poly(ethylene oxide) Copolymers. <i>Langmuir</i> , <b>1994</b> , 10, 2604-2612	4	311
136	Differential Scanning Calorimetry Investigation of the Effect of Salts on Aqueous Solution Properties of an Amphiphilic Block Copolymer (Ploxamer). <i>Langmuir</i> , <b>1997</b> , 13, 6074-6082	4	306
135	Temperature Effects on Structural Properties of Pluronic P104 and F108 PEO-PPO-PEO Block Copolymer Solutions. <i>Langmuir</i> , <b>1995</b> , 11, 1468-1476	4	282
134	Poly(ethylene oxide)/poly(propylene oxide) block copolymer surfactants. <i>Current Opinion in Colloid and Interface Science</i> , <b>1997</b> , 2, 478-489	7.6	278
133	Amphiphilic copolymers and their applications. <i>Current Opinion in Colloid and Interface Science</i> , <b>1996</b> , 1, 490-501	7.6	272
132	Polyhedral Oligomeric Silsesquioxane (POSS)-Containing Polymer Nanocomposites. <i>Nanomaterials</i> , <b>2012</b> , 2, 445-475	5.4	270
131	Mechanism of gold metal ion reduction, nanoparticle growth and size control in aqueous amphiphilic block copolymer solutions at ambient conditions. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 7766-77	3.4	266
130	Single-step synthesis and stabilization of metal nanoparticles in aqueous pluronic block copolymer solutions at ambient temperature. <i>Langmuir</i> , <b>2004</b> , 20, 8426-30	4	253
129	Nanoparticles in ionic liquids: interactions and organization. <i>Physical Chemistry Chemical Physics</i> , <b>2015</b> , 17, 18238-61	3.6	233
128	Lyotropic Liquid Crystallinity in Amphiphilic Block Copolymers: Temperature Effects on Phase Behavior and Structure for Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide) Copolymers of Different Composition. <i>Langmuir</i> , <b>1996</b> , 12, 2690-2700	4	229
127	Modification of the Microstructure in Block Copolymer/Water Dilute Systems by Varying the Copolymer Composition and the Dilute Type: Small-Angle X-ray Scattering and Deuterium-NMR Investigation. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 1149-1158	3.4	228
126	Formulation of Poloxamers for Drug Delivery. <i>Journal of Functional Biomaterials</i> , <b>2018</b> , 9,	4.8	224
125	Self-Assembly of Amphiphilic Block Copolymers: The (EO) <sub>13</sub> (PO) <sub>30</sub> (EO) <sub>13</sub> -Water-p-Xylene System. <i>Macromolecules</i> , <b>1995</b> , 28, 7700-7710	5.5	181

124	Small-Angle Neutron Scattering Investigation of the Temperature-Dependent Aggregation Behavior of the Block Copolymer Pluronic L64 in Aqueous Solution <i>Langmuir</i> , <b>2000</b> , 16, 8555-8561	4	178
123	Physicochemical aspects of drug delivery and release from polymer-based colloids. <i>Current Opinion in Colloid and Interface Science</i> , <b>2000</b> , 5, 132-143	7.6	176
122	Block copolymer-nanoparticle composites: Structure, functional properties, and processing. <i>Progress in Polymer Science</i> , <b>2015</b> , 40, 33-62	29.6	168
121	Solvent-regulated ordering in block copolymers. <i>Current Opinion in Colloid and Interface Science</i> , <b>1999</b> , 4, 130-139	7.6	144
120	Pluronic-P105 PEO-PPO-PEO Block Copolymer in Aqueous Urea Solutions: Micelle Formation, Structure, and Microenvironment. <i>Langmuir</i> , <b>1995</b> , 11, 2442-2450	4	141
119	Fluorescence Probe Studies of Pluronic Copolymer Solutions as a Function of Temperature. <i>Langmuir</i> , <b>1995</b> , 11, 730-737	4	141
118	Thermodynamics of Droplet Clustering in Percolating AOT Water-in-Oil Microemulsions. <i>The Journal of Physical Chemistry</i> , <b>1995</b> , 99, 8222-8232		139
117	Temperature-Dependent Adsorption of Pluronic F127 Block Copolymers onto Carbon Black Particles Dispersed in Aqueous Media. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 10834-10844	3-4	135
116	SANS Investigation of Polyether Block Copolymer Micelle Structure in Mixed Solvents of Water and Formamide, Ethanol, or Glycerol. <i>Macromolecules</i> , <b>2000</b> , 33, 5574-5587	5-5	135
115	Biosurfactants, natural alternatives to synthetic surfactants: Physicochemical properties and applications. <i>Advances in Colloid and Interface Science</i> , <b>2020</b> , 275, 102061	14-3	131
114	Structural Polymorphism of Amphiphilic Copolymers: Six Lyotropic Liquid Crystalline and Two Solution Phases in a Poly(oxybutylene)-b-poly(oxyethylene) Water-Toluene System. <i>Langmuir</i> , <b>1997</b> , 13, 23-34	4	126
113	3D direct writing fabrication of electrodes for electrochemical storage devices. <i>Journal of Power Sources</i> , <b>2017</b> , 354, 134-147	8-9	123
112	Modification of the Microstructure in Poloxamer Block Copolymer/Water/Oil Systems by Varying the Oil Type. <i>Macromolecules</i> , <b>1997</b> , 30, 6788-6797	5-5	120
111	Evolution in Structural Polymorphism of Pluronic F127 Poly(ethylene oxide) Poly(propylene oxide) Block Copolymer in Ternary Systems with Water and Pharmaceutically Acceptable Organic Solvents: From Glycols to Oils <i>Langmuir</i> , <b>2000</b> , 16, 9058-9069	4	114
110	Effect of Glycols on the Self-Assembly of Amphiphilic Block Copolymers in Water. 1. Phase Diagrams and Structure Identification. <i>Langmuir</i> , <b>2000</b> , 16, 3660-3675	4	112
109	Ionic liquid and nanoparticle hybrid systems: Emerging applications. <i>Advances in Colloid and Interface Science</i> , <b>2017</b> , 244, 54-70	14-3	108
108	Dynamics of Micro- and Macrophase Separation of Amphiphilic Block-Copolymers in Aqueous Solution. <i>Macromolecules</i> , <b>1999</b> , 32, 5539-5551	5-5	105
107	Phase Behavior and Microstructure in Binary Block Copolymer/Selective Solvent Systems: Experiments and Theory. <i>Macromolecules</i> , <b>1999</b> , 32, 637-645	5-5	101

106	Block copolymer-directed metal nanoparticle morphogenesis and organization. <i>European Polymer Journal</i> , <b>2011</b> , 47, 569-583	5.2	96
105	Phase Behavior of Amphiphilic Block Copolymers in Water/Oil Mixtures: The Pluronic 25R4/Water- $\beta$ -Xylene System. <i>The Journal of Physical Chemistry</i> , <b>1996</b> , 100, 280-288		95
104	Size- and shape-controlled synthesis of colloidal gold through autoredution of the auric cation by poly(ethylene oxide)-poly(propylene oxide) block copolymers in aqueous solutions at ambient conditions. <i>Nanotechnology</i> , <b>2005</b> , 16, S344-53	3.4	90
103	Effect of Glycols on the Self-Assembly of Amphiphilic Block Copolymers in Water. 2. Glycol Location in the Microstructure. <i>Langmuir</i> , <b>2000</b> , 16, 3676-3689	4	90
102	Spontaneous formation of gold nanoparticles in poly(ethylene oxide)-poly(propylene oxide) solutions: solvent quality and polymer structure effects. <i>Langmuir</i> , <b>2005</b> , 21, 8019-25	4	88
101	Structural Polymorphism of Poly(ethylene oxide)/Poly(propylene oxide) Block Copolymers in Nonaqueous Polar Solvents. <i>Macromolecules</i> , <b>1998</b> , 31, 6935-6942	5.5	88
100	Effect of pharmaceutically acceptable glycols on the stability of the liquid crystalline gels formed by Poloxamer 407 in water. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 252, 226-35	9.3	83
99	Phase Behavior and Structure of Ternary Amphiphilic Block Copolymer/Alkanol/Water Systems: Comparison of Poly(ethylene oxide)/Poly(propylene oxide) to Poly(ethylene oxide)/Poly(tetrahydrofuran) Copolymers. <i>Langmuir</i> , <b>1997</b> , 13, 2471-2479	4	82
98	Rheological Properties of Oppositely Charged Polyelectrolyte/Surfactant Mixtures: Effect of Polymer Molecular Weight and Surfactant Architecture. <i>Macromolecules</i> , <b>2001</b> , 34, 5005-5018	5.5	78
97	Synthesis and size control of luminescent ZnSe nanocrystals by a microemulsion-gas contacting technique. <i>Langmuir</i> , <b>2004</b> , 20, 550-3	4	77
96	Ag and Au Monometallic and Bimetallic Colloids: Morphogenesis in Amphiphilic Block Copolymer Solutions. <i>Chemistry of Materials</i> , <b>2006</b> , 18, 2577-2583	9.6	75
95	Self-Assembly of a Poly(ethylene oxide)/Poly(propylene oxide) Block Copolymer (Pluronic P104, (EO)27(PO)61(EO)27) in the Presence of Water and Xylene. <i>Journal of Physical Chemistry B</i> , <b>1998</b> , 102, 7541-7548	3.4	75
94	Reverse Micelle Formation and Water Solubilization by Polyoxyalkylene Block Copolymers in Organic Solvent. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 8103-8111	3.4	73
93	Amphiphilic block copolymers in drug delivery: advances in formulation structure and performance. <i>Expert Opinion on Drug Delivery</i> , <b>2018</b> , 15, 1085-1104	8	71
92	Cosolvent Effects on the Micellization of an Amphiphilic Siloxane Graft Copolymer in Aqueous Solutions. <i>Langmuir</i> , <b>2002</b> , 18, 4220-4231	4	68
91	Modification of the lyotropic liquid crystalline microstructure of amphiphilic block copolymers in the presence of cosolvents. <i>Advances in Colloid and Interface Science</i> , <b>2001</b> , 89-90, 351-82	14.3	67
90	Shear induced structures in lamellar phases of amphiphilic block copolymers. <i>Physical Chemistry Chemical Physics</i> , <b>1999</b> , 1, 3905-3910	3.6	67
89	A SANS Investigation of Reverse (Water-in-Oil) Micelles of Amphiphilic Block Copolymers. <i>Macromolecules</i> , <b>1999</b> , 32, 6725-6733	5.5	67

88	Composite Polymer Electrolytes: Nanoparticles Affect Structure and Properties. <i>Polymers</i> , <b>2016</b> , 8,	4.5	66
87	Micellization of Polyoxyalkylene Block Copolymers in Formamide. <i>Macromolecules</i> , <b>2000</b> , 33, 3382-3391	5.5	65
86	Self-Assembly of Block Copolymers in Selective Solvents: Influence of Relative Block Size on Phase Behavior. <i>Langmuir</i> , <b>2000</b> , 16, 6839-6846	4	64
85	Templated synthesis of ZnSe nanostructures using lyotropic liquid crystals. <i>Nanotechnology</i> , <b>2005</b> , 16, 2372-80	3.4	61
84	Effect of Solvent Quality on Reverse Micelle Formation and Water Solubilization by Poly(ethylene oxide)/Poly(propylene oxide) and Poly(ethylene oxide)/Poly(butylene oxide) Block Copolymers in Xylene. <i>Journal of Colloid and Interface Science</i> , <b>1997</b> , 194, 166-73	9.3	60
83	Adsorption of a polymeric siloxane surfactant on carbon black particles dispersed in mixtures of water with polar organic solvents. <i>Journal of Colloid and Interface Science</i> , <b>2002</b> , 255, 1-9	9.3	60
82	Shear Orientation of a Hexagonal Lyotropic Triblock Copolymer Phase As Probed by Flow Birefringence and Small-Angle Light and Neutron Scattering. <i>Macromolecules</i> , <b>1998</b> , 31, 2293-2298	5.5	59
81	A Reverse Micellar Cubic Phase. <i>Langmuir</i> , <b>1996</b> , 12, 1419-1422	4	57
80	Cellulose triacetate doped with ionic liquids for membrane gas separation. <i>Polymer</i> , <b>2016</b> , 89, 1-11	3.9	56
79	Utilizing temperature-sensitive association of Pluronic F-127 with lipid bilayers to control liposome-cell adhesion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , <b>2002</b> , 1559, 32-42	3.8	55
78	Polyoxyalkylene Block Copolymers in Formamide/Water Mixed Solvents: Micelle Formation and Structure Studied by Small-Angle Neutron Scattering. <i>Langmuir</i> , <b>2000</b> , 16, 4819-4829	4	55
77	Therapeutic surfactant-stripped frozen micelles. <i>Nature Communications</i> , <b>2016</b> , 7, 11649	17.4	52
76	Adsorption of poly(ethylene oxide)-containing amphiphilic polymers on solid-liquid interfaces: Fundamentals and applications. <i>Advances in Colloid and Interface Science</i> , <b>2017</b> , 244, 132-163	14.3	51
75	Micellization of amphiphilic block copolymers in binary and ternary solvent mixtures. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 390, 137-46	9.3	51
74	Polymer conformation in mixed aqueous-polar organic solvents. <i>European Polymer Journal</i> , <b>2010</b> , 46, 324-335	5.2	51
73	Micellization of alkyl-propoxy-ethoxylate surfactants in water-polar organic solvent mixtures. <i>Langmuir</i> , <b>2010</b> , 26, 10532-40	4	49
72	Solvent effects on polysaccharide conformation. <i>Carbohydrate Polymers</i> , <b>2010</b> , 79, 380-390	10.3	49
71	Self-Assembly in a Mixture of Two Poly(ethylene oxide)-b-poly(propylene oxide)-b-poly(ethylene oxide) Copolymers in Water. <i>Journal of Colloid and Interface Science</i> , <b>1996</b> , 183, 339-50	9.3	49

70	Assessment of solvents for cellulose dissolution. <i>Bioresource Technology</i> , <b>2017</b> , 228, 330-338	11	47
69	Control of the Rheological Properties in Solutions of a Polyelectrolyte and an Oppositely Charged Surfactant by the Addition of Cyclodextrins. <i>Langmuir</i> , <b>1999</b> , 15, 8105-8112	4	47
68	Water-based synthesis of ZnSe nanostructures using amphiphilic block copolymer stabilized lyotropic liquid crystals as templates. <i>Nanotechnology</i> , <b>2006</b> , 17, 3121-3128	3-4	45
67	Adsorption of a Rake-Type Siloxane Surfactant onto Carbon Black Nanoparticles Dispersed in Aqueous Media. <i>Langmuir</i> , <b>2002</b> , 18, 6147-6158	4	45
66	Structure and dynamics of dextran in binary mixtures of a good and a bad solvent. <i>Colloid and Polymer Science</i> , <b>2010</b> , 288, 1301-1312	2-4	44
65	Influence of Shear on Solvated Amphiphilic Block Copolymers with Lamellar Morphology. <i>Macromolecules</i> , <b>2002</b> , 35, 4064-4074	5-5	44
64	Synthesis and Application of Fluorescein-Labeled Pluronic Block Copolymers to the Study of Polymer Surface Interactions. <i>Langmuir</i> , <b>2001</b> , 17, 537-546	4	42
63	Adsorption of Pluronic block copolymers on silica nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2013</b> , 422, 155-164	5-1	41
62	Advances in self-ordering macromolecules and nanostructure design. <i>Current Opinion in Colloid and Interface Science</i> , <b>1999</b> , 4, 140-146	7-6	41
61	Cellulose dissolution: insights on the contributions of solvent-induced decrystallization and chain disentanglement. <i>Cellulose</i> , <b>2017</b> , 24, 571-590	5-5	38
60	Self-assembled block copolymer-nanoparticle hybrids: interplay between enthalpy and entropy. <i>Langmuir</i> , <b>2012</b> , 28, 15975-86	4	35
59	Modeling of the Phase Behavior in Ternary Triblock Copolymer/Water/Oil Systems. <i>Macromolecules</i> , <b>1999</b> , 32, 5435-5443	5-5	32
58	Drying of films formed by ordered poly(ethylene oxide)-poly(propylene oxide) block copolymer gels. <i>Langmuir</i> , <b>2005</b> , 21, 1806-17	4	31
57	Small-Angle Neutron Scattering Characterization of Micelles Formed by Poly(dimethylsiloxane)-graft-polyether Copolymers in Mixed Polar Solvents. <i>Journal of Physical Chemistry B</i> , <b>2002</b> , 106, 12124-12132	3-4	31
56	Ionic Liquid-Modified Porous Materials for Gas Separation and Heterogeneous Catalysis. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 16398-16411	3-8	30
55	The Ability of Poloxamers to Inhibit Platelet Aggregation Depends on their Physicochemical Properties. <i>Thrombosis and Haemostasis</i> , <b>2001</b> , 86, 1532-1539	7	30
54	Micellization Thermodynamics of Pluronic P123 (EOPOEO) Amphiphilic Block Copolymer in Aqueous Ethylammonium Nitrate (EAN) Solutions. <i>Polymers</i> , <b>2017</b> , 10,	4-5	29
53	Poly(ethylene oxide)-containing amphiphilic block copolymers in ternary mixtures with water and organic solvent: effect of copolymer and solvent type on phase behavior and structure. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>1997</b> , 129-130, 3-21	5-1	29

52	A correlation for the estimation of critical micellization concentrations and temperatures of polyols in aqueous solutions. <i>JAOCs, Journal of the American Oil Chemists Society</i> , <b>1995</b> , 72, 823-826	1.8	29
51	Lyotropic Liquid Crystalline Structures Formed by Amphiphilic Heteroarm Star Copolymers. <i>Macromolecules</i> , <b>2001</b> , 34, 5979-5983	5.5	25
50	Micellization of polyoxyethylene-polyoxypropylene block copolymers in aqueous polyol solutions. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 210, 20-28	6	24
49	Effect of surfactant phase behavior on emulsification. <i>Journal of Colloid and Interface Science</i> , <b>2016</b> , 466, 138-49	9.3	24
48	Nanoparticle surface modification by amphiphilic polymers in aqueous media: role of polar organic solvents. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 397, 1-8	9.3	24
47	Dissolution of Cellulosic Fibers: Impact of Crystallinity and Fiber Diameter. <i>Biomacromolecules</i> , <b>2018</b> , 19, 640-651	6.9	23
46	Block copolymer-mediated synthesis of gold nanoparticles in aqueous solutions: segment effect on gold ion reduction, stabilization, and particle morphology. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 394, 124-31	9.3	22
45	Osmotic Stress Measurements of Intermolecular Forces in Ordered Assemblies Formed by Solvated Block Copolymers. <i>Macromolecules</i> , <b>2004</b> , 37, 912-924	5.5	22
44	Solvent processing of cellulose for effective bioresource utilization. <i>Current Opinion in Green and Sustainable Chemistry</i> , <b>2018</b> , 14, 40-52	7.9	20
43	Large-diameter and heteroatom-doped graphene nanotubes decorated with transition metals as carbon hosts for lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , <b>2019</b> , 7, 13389-13399	13	19
42	Association between Nonionic Amphiphilic Polymer and Ionic Surfactant in Aqueous Solutions: Effect of Polymer Hydrophobicity and Micellization. <i>Polymers</i> , <b>2020</b> , 12,	4.5	19
41	Glucose-induced sphere to ellipsoid transition of polyoxyethylene-polyoxypropylene block copolymer micelles in aqueous solutions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 480, 203-213	5.1	18
40	Fluorinated Surfactant Adsorption on Mineral Surfaces: Implications for PFAS Fate and Transport in the Environment. <i>Surfaces</i> , <b>2020</b> , 3, 516-566	2.9	18
39	Alkyl propoxy ethoxylate "graded" surfactants: micelle formation and structure in aqueous solutions. <i>Journal of Physical Chemistry B</i> , <b>2010</b> , 114, 4485-94	3.4	16
38	Comparison of ionic liquid and salt effects on the thermodynamics of amphiphile micellization in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2018</b> , 559, 159-168	5.1	16
37	Self-Assembly of Amphiphilic Block Copolymers in Ternary Solvent Mixtures: Lyotropic Liquid Crystalline Phase Behavior and Structure. <i>Macromolecular Chemistry and Physics</i> , <b>2012</b> , 213, 2514-2528	2.6	15
36	Facile preparation of Ag-Au bimetallic nanonetworks. <i>Materials Letters</i> , <b>2006</b> , 60, 1983-1986	3.3	14
35	Block copolymer-mediated synthesis of silver nanoparticles from silver ions in aqueous media. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2015</b> , 487, 84-91	5.1	13

34	Facile aqueous synthesis and stabilization of nearly monodispersed gold nanospheres by poly(L-proline). <i>Journal of Polymer Science Part A</i> , <b>2013</b> , 51, 1448-1456	2.5	13
33	Cluster and Network Formation toward Percolation in the Microemulsion L2 Phase Formed by an Amphiphilic Triblock Copolymer and Water in p-Xylene. <i>Langmuir</i> , <b>1998</b> , 14, 723-725	4	13
32	Perfluorooctanoate in Aqueous Urea Solutions: Micelle Formation, Structure, and Microenvironment. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	12
31	High-Yield Synthesis of Gold Microplates Using Amphiphilic Block Copolymers: Are Lyotropic Liquid Crystals Required?. <i>Macromolecular Symposia</i> , <b>2010</b> , 289, 18-24	0.8	11
30	Polyhedral Oligosilsesquioxane (POSS) Nanoparticle Localization in Ordered Structures Formed by Solvated Block Copolymers. <i>Macromolecular Chemistry and Physics</i> , <b>2013</b> , 214, 2716-2724	2.6	10
29	Controlled Release from Ordered Microstructures Formed by Ploxamer Block Copolymers. <i>ACS Symposium Series</i> , <b>2000</b> , 364-374	0.4	10
28	Tablet Scoring: Current Practice, Fundamentals, and Knowledge Gaps. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 3066	2.6	8
27	Competitive Adsorption Between PEO-Containing Block Copolymers and Homopolymers at Silica. <i>Journal of Dispersion Science and Technology</i> , <b>2015</b> , 36, 1-9	1.5	7
26	Informing the Public and Educating Students on Plastic Recycling. <i>Recycling</i> , <b>2021</b> , 6, 69	3.2	7
25	Controlling the self-assembly of perfluorinated surfactants in aqueous environments. <i>Physical Chemistry Chemical Physics</i> , <b>2021</b> , 23, 10029-10039	3.6	7
24	Self-assembly of sodium bis(2-ethylhexyl) sulfosuccinate in aqueous solutions: Modulation of micelle structure and interactions by cyclodextrins investigated by small-angle neutron scattering. <i>Journal of Molecular Liquids</i> , <b>2015</b> , 210, 125-135	6	6
23	Sorption and Transport of Water Vapor in Amphiphilic Block Copolymer Films. <i>Journal of Dispersion Science and Technology</i> , <b>2005</b> , 25, 619-629	1.5	5
22	Small-Angle Scattering Characterization of Block Copolymer Micelles and Lyotropic Liquid Crystals. <i>ACS Symposium Series</i> , <b>2003</b> , 60-80	0.4	5
21	Structure and Interactions in Perfluorooctanoate Micellar Solutions Revealed by Small-Angle Neutron Scattering and Molecular Dynamics Simulations Studies: Effect of Urea. <i>Langmuir</i> , <b>2021</b> , 37, 5339-5347	4	5
20	Mono- and Di-valent Salts as Modifiers of PEO-PPO-PEO Block Copolymer Interactions with Silica Nanoparticles in Aqueous Dispersions. <i>Journal of Dispersion Science and Technology</i> , <b>2015</b> , 36, 1806-1815 <sup>1.5</sup>	1.5	4
19	GenX in water: Interactions and self-assembly.. <i>Journal of Hazardous Materials</i> , <b>2022</b> , 428, 128137	12.8	4
18	Role of chain length and electrolyte on the micellization of anionic fluorinated surfactants in water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , <b>2021</b> , 628, 127313	5.1	3
17	Assessment of Performance and Challenges in Use of Commercial Automated Sorting Technology for Plastic Waste. <i>Recycling</i> , <b>2022</b> , 7, 11	3.2	3



16	Structure and composition of mixed micelles formed by nonionic block copolymers and ionic surfactants in water determined by small-angle neutron scattering with contrast variation. <i>Journal of Colloid and Interface Science</i> , <b>2021</b> , 609, 456-456	9.3	2
15	Conversion of particle size distribution data from mass to number-based and its application to biomass processing. <i>Biosystems Engineering</i> , <b>2018</b> , 176, 73-87	4.8	2
14	Population ensemble modeling of biomass dissolution. <i>Chemical Engineering Journal</i> , <b>2018</b> , 350, 37-48	14.7	2
13	Adsorption Mechanism of Perfluorooctanoate on Cyclodextrin-Based Polymers: Probing the Synergy of Electrostatic and Hydrophobic Interactions with Molecular Dynamics Simulations	853-859	2
12	Controlled Synthesis of Zinc Selenide Nanostructures Using Oil-Water-Amphiphilic Block Copolymer Liquid Crystals. <i>Materials Research Society Symposia Proceedings</i> , <b>2006</b> , 942, 1		1
11	Association of Siloxane Polymeric Surfactants in Aqueous Solution. <i>ACS Symposium Series</i> , <b>2003</b> , 222-234	0.4	1
10	Interactions between Cyclodextrins and a Mixed Cationic Cellulose Ether: Anionic Surfactant Gelling System. <i>ACS Symposium Series</i> , <b>1999</b> , 187-198	0.4	1
9	Block Copolymer Micelle Structure Modulated by Ionic Liquids. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 346, 118195	6	1
8	Flexible and Stretchable Electrically Conductive Polymer Materials for Physical Sensing Applications. <i>Polymer Reviews</i> , 1-60	14	1
7	Sequestration of poly- and perfluoroalkyl substances (PFAS) by adsorption: surfactant and surface aspects. <i>Current Opinion in Colloid and Interface Science</i> , <b>2022</b> , 101571	7.6	0
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