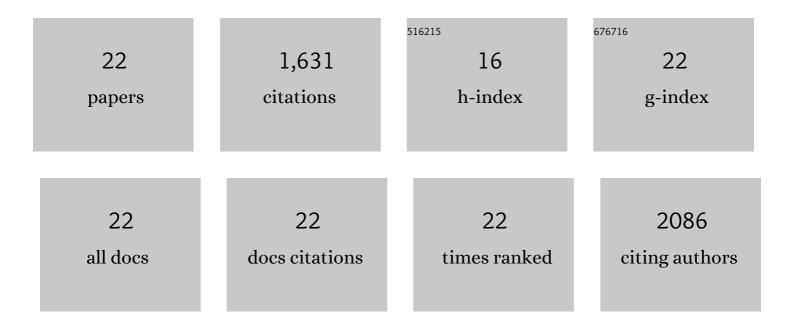
## Barbara Frisken

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Production of Unilamellar Vesicles Using an Inverted Emulsion. Langmuir, 2003, 19, 2870-2879.	1.6	483
2	Poly(bis-arylimidazoliums) possessing high hydroxide ion exchange capacity and high alkaline stability. Nature Communications, 2019, 10, 2306.	5.8	239
3	Cross-Linker-FreeN-Isopropylacrylamide Gel Nanospheres. Langmuir, 2003, 19, 5212-5216.	1.6	175
4	Studies of Vesicle Extrusion. Langmuir, 2000, 16, 928-933.	1.6	123
5	Nanostructure, Morphology, and Properties of Fluorous Copolymers Bearing Ionic Grafts. Macromolecules, 2009, 42, 9467-9480.	2.2	116
6	Influence of Reaction Conditions on the Synthesis of Self-Cross-LinkedN-Isopropylacrylamide Microgels. Langmuir, 2003, 19, 5217-5222.	1.6	99
7	Scaling and mesostructure of Carbopol dispersions. Rheologica Acta, 2012, 51, 441-450.	1.1	70
8	Controlling Crystallinity in Graft Ionomers, and Its Effect on Morphology, Water Sorption, and Proton Conductivity of Graft Ionomer Membranes. Chemistry of Materials, 2013, 25, 1935-1946.	3.2	46
9	Sulfophenylated Terphenylene Copolymer Membranes and Ionomers. ChemSusChem, 2018, 11, 4033-4043.	3.6	39
10	Sulfo-Phenylated Polyphenylenes Containing Sterically Hindered Pyridines. Macromolecules, 2019, 52, 2548-2559.	2.2	36
11	Molecular branching as a simple approach to improving polymer electrolyte membranes. Journal of Membrane Science, 2020, 595, 117539.	4.1	33
12	Theory of an electric field induced periodic phase in a nematic film. Liquid Crystals, 1989, 5, 735-738.	0.9	30
13	Structure–Property Relationships in Sterically Congested Proton-Conducting Poly(phenylene)s: the Impact of Biphenyl Linearity. Macromolecules, 2020, 53, 3119-3138.	2.2	26
14	Investigations of crystallinity and chain entanglement on sorption and conductivity of proton exchange membranes. Journal of Membrane Science, 2014, 469, 251-261.	4.1	23
15	Microwave-assisted Diels–Alder polycondensation of proton conducting poly(phenylene)s. Polymer Chemistry, 2019, 10, 1668-1685.	1.9	18
16	Controlling Water Content and Proton Conductivity through Copolymer Morphology. Macromolecules, 2013, 46, 9676-9687.	2.2	17
17	Structural effects on the nano-scale morphology and conductivity of ionomer blends. Journal of Materials Chemistry, 2012, 22, 24348.	6.7	13
18	Morphology of Anion-Conducting Ionenes Investigated by X-ray Scattering and Simulation. Journal of Physical Chemistry B, 2018, 122, 1730-1737.	1.2	13

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#	Article	IF	CITATIONS
19	Effects of a transverse electric field in nematics: Induced biaxiality and the bend Fréedericksz transition. Liquid Crystals, 1989, 5, 623-631.	0.9	11
20	Domain growth in the presence of quenched disorder. Physical Review E, 1997, 56, 3112-3118.	0.8	9
21	Morphological characterization of a new low-bandgap thermocleavable polymer showing stable photovoltaic properties. Journal of Materials Chemistry A, 2016, 4, 10650-10658.	5.2	8
22	The Nanostructure of HMT-PMBI, a Sterically Hindered Ionene. Macromolecules, 2020, 53, 4908-4916.	2.2	4