

# Corinne Chappey

## List of Publications by Year in descending order

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28  
papers

1,024  
citations

516215

16  
h-index

552369

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1505  
citing authors

#	ARTICLE	IF	CITATIONS
1	High barrier semi-crystalline polyesters involving nature occurring pyridine structure towards sustainable food packaging. <i>Polymer</i> , 2022, 247, 124790.	1.8	2
2	Novel Ionic Conducting Composite Membrane Based on Polymerizable Ionic Liquids. <i>Polymers</i> , 2021, 13, 3704.	2.0	7
3	The Impact of Reactive Ionic Liquids Addition on the Physicochemical and Sorption Properties of Poly(Vinyl Alcohol)-Based Films. <i>Polymers</i> , 2020, 12, 1958.	2.0	5
4	Impact of water and thermal induced crystallizations in a PC/MXD6 multilayer film on barrier properties. <i>European Polymer Journal</i> , 2019, 111, 152-160.	2.6	10
5	Tunable gas barrier properties of filled-PCL film by forming percolating cellulose network. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 545, 26-30.	2.3	22
6	Layered Poly(ethylene-co-vinyl acetate)/Poly(ethylene-co-vinyl alcohol) Membranes with Enhanced Water Separation Selectivity and Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 6411-6423.	4.0	15
7	Effect of cold plasma surface treatment on the properties of supported ionic liquid membranes. <i>Separation and Purification Technology</i> , 2017, 187, 127-136.	3.9	12
8	Sulfonic Membrane Sorption and Permeation Properties: Complementary Approaches to Select a Membrane for Pervaporation. <i>Journal of Physical Chemistry B</i> , 2017, 121, 8523-8538.	1.2	3
9	Biopolymer/clay nanocomposites as the high barrier packaging material: recent advances. , 2017, , 425-463.		8
10	Effect of the polar-nonpolar liquid mixtures on pervaporative behavior of perfluorinated sulfonic membranes in lithium form. <i>Journal of Membrane Science</i> , 2016, 518, 313-327.	4.1	15
11	Ab initio study of cationic polymeric membranes in water and methanol. <i>Ionics</i> , 2016, 22, 357-367.	1.2	11
12	Water sorption properties of room-temperature ionic liquids over the whole range of water activity and molecular states of water in these media. <i>RSC Advances</i> , 2015, 5, 76927-76938.	1.7	18
13	Improvement of barrier properties of bio-based polyester nanocomposite membranes by water-assisted extrusion. <i>Journal of Membrane Science</i> , 2015, 496, 185-198.	4.1	29
14	Supported ionic liquid membranes for water and volatile organic compounds separation: Sorption and permeation properties. <i>Journal of Membrane Science</i> , 2014, 458, 164-178.	4.1	40
15	Structure and Barrier Properties of Biodegradable Polyhydroxyalkanoate Films. <i>Journal of Physical Chemistry C</i> , 2014, 118, 6165-6177.	1.5	46
16	The behaviour of wine aroma compounds related to structure and barrier properties of virgin, recycled and active PET membranes. <i>Journal of Membrane Science</i> , 2014, 463, 215-225.	4.1	19
17	Effect of cold plasma treatment on surface properties and gas permeability of polyimide films. <i>RSC Advances</i> , 2014, 4, 31036-31046.	1.7	44
18	Polyimide/ionic liquid composite membranes for fuel cells operating at high temperatures. <i>Electrochimica Acta</i> , 2014, 130, 830-840.	2.6	36

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19	High-Temperature Ionic-Conducting Material: Advanced Structure and Improved Performance. Journal of Physical Chemistry C, 2013, 117, 15552-15561.	1.5	33
20	Water sorption behavior and gas barrier properties of cellulose whiskers and microfibrils films. Carbohydrate Polymers, 2011, 83, 1740-1748.	5.1	334
21	Composite membranes based on Nafion® and plasma treated clay charges: Elaboration and water sorption investigations. Journal of Membrane Science, 2011, 369, 155-166.	4.1	37
22	Permeation Properties of Poly(m-xylene adipamide) Membranes. Journal of Physical Chemistry B, 2009, 113, 3445-3452.	1.2	20
23	Polyepichlorhydrin Membranes for Alkaline Fuel Cells: Sorption and Conduction Properties. Journal of Physical Chemistry B, 2008, 112, 12338-12346.	1.2	61
24	Polyamide 12-polytetramethyleneoxide block copolymer membranes with silver nanoparticles " Synthesis and water permeation properties. Reactive and Functional Polymers, 2007, 67, 893-904.	2.0	16
25	Application of supported liquid membranes containing methyl cholate in cyclohexane for the carrier-mediated transport of sugars. Desalination, 2006, 189, 31-42.	4.0	20
26	Kinetics of water vapor sorption in sulfonated polyimide membranes. Desalination, 2002, 148, 333-339.	4.0	45
27	Water vapor sorption in naphthalenic sulfonated polyimide membranes. Journal of Membrane Science, 2001, 190, 227-241.	4.1	101
28	New Polyimide Based Composite Films for Fuel Cells: Study of the Porous Structure. Advanced Materials Research, 0, 747, 477-480.	0.3	3