

# Marylene Vayer

## List of Publications by Year in descending order

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20  
papers

892  
citations

759233

12  
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752698

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20  
docs citations

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times ranked

1506  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent Vapor Annealing of Block Polymer Thin Films. <i>Macromolecules</i> , 2013, 46, 5399-5415.	4.8	470
2	Nanostructured Polymers Obtained from Polyethylene-block-poly(ethylene oxide) Block Copolymer in Unsaturated Polyester. <i>Macromolecules</i> , 2007, 40, 2532-2538.	4.8	75
3	Perpendicular orientation of cylindrical domains upon solvent annealing thin films of polystyrene-b-poly(lactide). <i>Thin Solid Films</i> , 2010, 518, 3710-3715.	1.8	74
4	Bottom-up Approach toward Titanosilicate Mesoporous Pillared Planar Nanochannels for Nanofluidic Applications. <i>Chemistry of Materials</i> , 2010, 22, 5687-5694.	6.7	42
5	Morphology control in thin films of PS:PLA homopolymer blends by dip-coating deposition. <i>Applied Surface Science</i> , 2017, 393, 127-133.	6.1	31
6	New insights into polymer-solvent affinity in thin films. <i>European Polymer Journal</i> , 2017, 93, 132-139.	5.4	29
7	Structural Transitions in Asymmetric Poly(styrene)- <i>block</i> -Poly(lactide) Thin Films Induced by Solvent Vapor Exposure. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 12146-12152.	8.0	25
8	Polystyrene- <i>block</i> -poly(lactide) obtained by the combination of atom transfer radical polymerization and ring-opening polymerization with a commercial dual initiator. <i>Journal of Applied Polymer Science</i> , 2011, 122, 2944-2951.	2.6	24
9	Characterization of Nanoporous Polystyrene Thin Films by Environmental Ellipsometric Porosimetry. <i>Macromolecules</i> , 2011, 44, 8892-8897.	4.8	20
10	Polymer masks for structured surface and plasma etching. <i>Applied Surface Science</i> , 2015, 332, 237-246.	6.1	15
11	PS-b-PMMA/PLA blends for nanoporous templates with hierarchical and tunable pore size. <i>Applied Surface Science</i> , 2018, 427, 464-470.	6.1	13
12	Thermal induced mobility of self-assembled platelets of polyethylene-block-poly(ethylene oxide) in liquid precursors of unsaturated polyester thermoset. <i>European Polymer Journal</i> , 2009, 45, 2505-2512.	5.4	12
13	Influence of PLGA nanoparticles on the deposition of model water-soluble biocompatible polymers by dip coating. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 608, 125591.	4.7	12
14	Using Sol-Gel Replications to Assess the Porosity of Block-Copolymer Derived Thin Films. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5295-5302.	3.1	11
15	A simple route to ordered metal oxide nanoparticle arrays using block copolymer thin films. <i>European Polymer Journal</i> , 2013, 49, 3897-3903.	5.4	8
16	Constrained crystallization of poly(L-lactic acid) in thin films prepared by dip coating. <i>European Polymer Journal</i> , 2018, 101, 332-340.	5.4	8
17	Ruthenium staining for morphological assessment and patterns formation in block copolymer films. <i>Polymer</i> , 2014, 55, 1048-1054.	3.8	7
18	Modification of poly(styrene) thin films and enhancement of cryogenic plasma etching resistance by ruthenium tetroxide vapor staining. <i>Polymer</i> , 2015, 76, 123-130.	3.8	7

#	ARTICLE	IF	CITATIONS
19	Role of Glucose in Enhancing Stability of Aqueous Silica Gels Against Dehydration. Journal of Physical Chemistry C, 2012, 116, 9481-9486.	3.1	6
20	Oriented array of polyethylene-block-poly(ethylene oxide) nanoplatelets in unsaturated polyesters cross-linked coatings. European Polymer Journal, 2011, 47, 2277-2282.	5.4	3