

# Vincent H Mareau

## List of Publications by Year in descending order

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16  
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	In-Situ Hot Stage Atomic Force Microscopy Study of Poly( $\mu$ -caprolactone) Crystal Growth in Ultrathin Films. <i>Macromolecules</i> , 2005, 38, 398-408.	4.8	176
2	Growth Rates and Morphologies of Miscible PCL/PVC Blend Thin and Thick Films. <i>Macromolecules</i> , 2003, 36, 675-684.	4.8	57
3	Direct Visualization of the Perforated Layer/Cyroid Grain Boundary in a Polystyrene- <i>block</i> -polyisoprene/polystyrene Blend by Electron Tomography. <i>Macromolecules</i> , 2007, 40, 9032-9039.	4.8	45
4	A new interpretation of SAXS peaks in sulfonated poly(ether ether ketone) (sPEEK) membranes for fuel cells. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 11243-11250.	2.8	44
5	Crystallization of ultrathin poly( $\mu$ -caprolactone) films in the presence of residual solvent, an in situ atomic force microscopy study. <i>Polymer</i> , 2005, 46, 7255-7265.	3.8	38
6	Morphologies of miscible PCL/PVC blends confined in ultrathin films. <i>Polymer</i> , 2014, 55, 2179-2187.	3.8	30
7	Dual Growth Rates and Morphologies of Isothermally Crystallized Miscible Polymer Blends. <i>Macromolecules</i> , 2002, 35, 5338-5341.	4.8	22
8	Controlled Introduction of Metal Nanoparticles into a Microdomain Structure. <i>Macromolecules</i> , 2009, 42, 1194-1202.	4.8	17
9	Optimization of hydrophilic/hydrophobic phase separation in sPEEK membranes by hydrothermal treatments. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16013-16022.	2.8	16
10	AFM-Raman colocalization setup: Advanced characterization technique for polymers. <i>International Journal of Polymer Analysis and Characterization</i> , 2018, 23, 113-119.	1.9	14
11	Growth of Gyroid Grains in the Complex Phase Window of PS- <i>block</i> -PI/PS Blends. <i>Macromolecules</i> , 2007, 40, 6916-6921.	4.8	12
12	Nanocomposite Based on Functionalized Gold Nanoparticles and Sulfonated Poly(ether ether ketone) Membranes: Synthesis and Characterization. <i>Materials</i> , 2017, 10, 258.	2.9	9
13	Annealing for the improvement of the capabilities of parylene C as electret. <i>Journal of Applied Polymer Science</i> , 2019, 136, 46908.	2.6	7
14	Elaboration and characterization of a 200 mm stretchable and flexible ultra-thin semi-conductor film. <i>Nanotechnology</i> , 2020, 31, 145302.	2.6	5
15	Unveiling the multiscale morphology of chemically stabilized proton exchange membranes for fuel cells by means of Fourier and real space studies. <i>Nanoscale Advances</i> , 2021, 3, 2567-2576.	4.6	0
16	Impact of Sulfonated Poly(Ether Ether Ketone) Pretreatments on Proton Exchange Membrane Fuel Cells Performances and Durability. <i>ECS Meeting Abstracts</i> , 2022, MA2022-01, 1406-1406.	0.0	0