

# Nicolas Blondiaux

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11  
papers

177  
citations

7  
h-index

11  
g-index

11  
ext. papers

191  
ext. citations

4.2  
avg, IF

2.19  
L-index

#	Paper	IF	Citations
11	Fabrication of multiscale surface-chemical gradients by means of photocatalytic lithography. <i>Langmuir</i> , <b>2007</b> , 23, 3489-94	4	55
10	Molecular transport through nanoporous silicon nitride membranes produced from self-assembling block copolymers. <i>Nanoscale</i> , <b>2012</b> , 4, 5880-6	7.7	31
9	Use of force spectroscopy to investigate the adhesion of living adherent cells. <i>Langmuir</i> , <b>2010</b> , 26, 8180-6	4	27
8	Gradients of topographical structure in thin polymer films. <i>Applied Surface Science</i> , <b>2008</b> , 254, 6820-6825	5.7	19
7	SiN membranes with submicrometer hole arrays patterned by wafer-scale nanosphere lithography). <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , <b>2011</b> , 29, 021012	1.3	16
6	Self-patterned nanoparticle layers for vertical interconnects: application in tandem solar cells. <i>Nano Letters</i> , <b>2014</b> , 14, 5085-91	11.5	13
5	Patterning solar cell metal grids on transparent conductive oxides using self-assembled phosphonic acid monolayers. <i>Thin Solid Films</i> , <b>2019</b> , 691, 137624	2.2	8
4	Nano-Structuring by Molecular Self-Assembly. <i>Chimia</i> , <b>2003</b> , 57, 646-650	1.3	3
3	Fabrication of Functional Plastic Parts Using Nanostructured Steel Mold Inserts. <i>Micromachines</i> , <b>2017</b> , 8, 179	3.3	2
2	Spray coating vs. immersion for self-assembly of gemini perfluorinated phosphonic acids on indium tin oxide. <i>Thin Solid Films</i> , <b>2021</b> , 732, 138783	2.2	2
1	Bio-Inspired Nanopatterned Polymer Adhesive: A Novel Elaboration Method and Performance Study. <i>Plasma Processes and Polymers</i> , <b>2014</b> , 11, 647-654	3.4	1