Priya Moni

List of Publications by Year
in descending order

13	570	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	992
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sub-10-nm patterning via directed self-assembly of block copolymer films with a vapour-phase deposited topcoat. Nature Nanotechnology, 2017, 12, 575-581.	31.5	155
2	CVD Polymers for Devices and Device Fabrication. Advanced Materials, 2017, 29, 1604606.	21.0	93
3	Ultrathin Zwitterionic Coatings for Roughnessâ€Independent Underwater Superoleophobicity and Gravityâ€Driven Oilâ€“Water Separation. Advanced Materials Interfaces, 2015, 2, 1400489.	3.7	68
4	Surface-modified reverse osmosis membranes applying a copolymer film to reduce adhesion of bacteria as a strategy for biofouling control. Separation and Purification Technology, 2014, 124, 117-123.	7.9	54
5	Vapor deposition routes to conformal polymer thin films. Beilstein Journal of Nanotechnology, 2017, 8, 723-735.	2.8	53
6	Layered Nanostructures in Proton Conductive Polymers Obtained by Initiated Chemical Vapor Deposition. Macromolecules, 2015, 48, 6177-6185.	4.8	37
7	Nanoscale, conformal polysiloxane thin film electrolytes for three-dimensional battery architectures. Materials Horizons, 2015, 2, 309-314.	12.2	34
8	A Group of Cyclic Siloxane and Silazane Polymer Films as Nanoscale Electrolytes for Microbattery Architectures. Macromolecules, 2015, 48, 5222-5229.	4.8	27
9	Growth Temperature and Electrochemical Performance in Vapor-Deposited Poly(3,4-ethylenedioxythiophene) Thin Films for High-Rate Electrochemical Energy Storage. ACS Applied Energy Materials, 2018, 1, 7093-7105.	5.1	22
10	Ultrathin and Conformal Initiated Chemical-Vapor-Deposited Layers of Systematically Varied Surface Energy for Controlling the Directed Self-Assembly of Block CoPolymers. Langmuir, 2018, 34, 4494-4502.	3.5	19
11	Growth Rate and Cross-Linking Kinetics of Poly(divinyl benzene) Thin Films Formed via Initiated Chemical Vapor Deposition. Langmuir, 2018, 34, 6687-6696.	3.5	3
12	Ultrathin initiated chemical vapor deposition polymer interfacial energy control for directed self-assembly hole-shrink applications. Journal of Vacuum Science and Technology B:Nanotechnology and Microelectronics, 2019, 37, 061804.	1.2	3
13	Synthesis of Insulating and Semiconducting Polymer Films via Initiated Chemical Vapor Deposition. Nanoscience and Nanotechnology Letters, 2015, 7, 33-38.	0.4	2