

Maryline Moreno-Couranjou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Atmospheric Pressure Pulsed Plasma Copolymerisation of Maleic Anhydride and Vinyltrimethoxysilane: Influence of Electrical Parameters on Chemistry, Morphology and Deposition Rate of the Coatings. <i>Plasma Processes and Polymers</i> , 2012, 9, 435-445.	3.0	51
2	Robust bio-inspired antibacterial surfaces based on the covalent binding of peptides on functional atmospheric plasma thin films. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5168.	5.8	37
3	Anti-biofouling and antibacterial surfaces <i>via</i> a multicomponent coating deposited from an up-scalable atmospheric-pressure plasma-assisted CVD process. <i>Journal of Materials Chemistry B</i> , 2018, 6, 614-623.	5.8	36
4	Atmospheric-Pressure Plasma Deposited Epoxy-Rich Thin Films as Platforms for Biomolecule Immobilization-Application for Anti-Biofouling and Xenobiotic-Degrading Surfaces. <i>Plasma Processes and Polymers</i> , 2015, 12, 1208-1219.	3.0	33
5	Fast Atmospheric Plasma Deposition of Bio-Inspired Catechol/Quinone-Rich Nanolayers to Immobilize NDM-1 Enzymes for Water Treatment. <i>Advanced Materials Interfaces</i> , 2016, 3, 1500520.	3.7	30
6	Liquid-Assisted Plasma-Enhanced Chemical Vapor Deposition of Catechol and Quinone-Functionalized Coatings: Insights into the Surface Chemistry and Morphology. <i>Plasma Processes and Polymers</i> , 2016, 13, 843-856.	3.0	23
7	Atmospheric Aerosol Assisted Pulsed Plasma Polymerization: An Environmentally Friendly Technique for Tunable Catechol-Bearing Thin Films. <i>Frontiers in Chemistry</i> , 2019, 7, 183.	3.6	20
8	Surface Modification of Natural Vulcanized Rubbers by Atmospheric Dielectric Barrier Discharges Plasma Treatments. <i>Plasma Processes and Polymers</i> , 2009, 6, S397-S400.	3.0	17
9	Atmospheric Plasma Deposition of Methacrylate Layers Containing Catechol/Quinone Groups: An Alternative to Polydopamine Bioconjugation for Biomedical Applications. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701059.	7.6	17
10	Optimization of Carboxyl Surface Functionalization by MA-VTMS Copolymerization Using Atmospheric Pressure Plasma DBD: Influence of the Carrier Gas. <i>Plasma Processes and Polymers</i> , 2010, 7, 403-410.	3.0	16
11	Thermoresponsive Water-Soluble Polymer Layers and Water-Stable Copolymer Layers Synthesized by Atmospheric Plasma Initiated Chemical Vapor Deposition. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1335-1343.	8.0	15
12	Anti-biofouling activity of Ranaspumin-2 bio-surfactant immobilized on catechol-functional PMMA thin layers prepared by atmospheric plasma deposition. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 120-128.	5.0	14
13	Self-Defensive Coating for Antibiotics Degradation via Atmospheric Pressure Chemical Vapor Deposition of Functional and Conformal Coatings for the Immobilization of Enzymes. <i>Advanced Materials Interfaces</i> , 2015, 2, 1500253.	3.7	13
14	Plasma Deposition of Thermo-Responsive Thin Films from N-Vinylcaprolactam. <i>Plasma Processes and Polymers</i> , 2014, 11, 816-821.	3.0	9
15	Atmospheric pulsed plasma copolymerization of acrylic monomers: Kinetics, chemistry, and applications. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900187.	3.0	7
16	Controlled co-immobilization of biomolecules on quinone-bearing plasma polymer films for multifunctional biomaterial surfaces. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000090.	3.0	4
17	Insights into switchable thermoresponsive copolymer layers by atmospheric pressure plasma-initiated chemical vapour deposition. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900172.	3.0	2
18	Atmospheric plasma deposition of bioinspired catechol-rich polymers: a promising route for the simple construction of redox-active thin films. <i>Materials Advances</i> , 2021, 2, 1248-1252.	5.4	2