

# Maria - Daniela Ionita

## List of Publications by Year in descending order

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16  
papers

506  
citations

840776

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940533

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docs citations

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times ranked

806  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of non-thermal plasma treatment on wheat germination and early growth. <i>Innovative Food Science and Emerging Technologies</i> , 2015, 29, 255-260.	5.6	172
2	Poly(3-hydroxybutyrate) Modified by Nanocellulose and Plasma Treatment for Packaging Applications. <i>Polymers</i> , 2018, 10, 1249.	4.5	59
3	Cellulose defibrillation and functionalization by plasma in liquid treatment. <i>Scientific Reports</i> , 2018, 8, 15473.	3.3	43
4	Post-synthesis Carbon Nanowalls Transformation under Hydrogen, Oxygen, Nitrogen, Tetrafluoroethane and Sulfur Hexafluoride Plasma Treatments. <i>Plasma Processes and Polymers</i> , 2012, 9, 363-370.	3.0	36
5	Small size plasma tools for material processing at atmospheric pressure. <i>Applied Surface Science</i> , 2009, 255, 5448-5452.	6.1	33
6	Mg-Al layered double hydroxides (LDHs) and their derived mixed oxides grown by laser techniques. <i>Applied Surface Science</i> , 2011, 257, 5308-5311.	6.1	31
7	Wettability properties of carbon nanowalls layers deposited by a radiofrequency plasma beam discharge. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2010, 169, 119-122.	3.5	27
8	Plasma Processing with Fluorine Chemistry for Modification of Surfaces Wettability. <i>Molecules</i> , 2016, 21, 1711.	3.8	23
9	Aging phenomena and wettability control of plasma deposited carbon nanowall layers. <i>Plasma Processes and Polymers</i> , 2017, 14, 1700023.	3.0	21
10	Surface modification of polymethylmethacrylate foils using an atmospheric pressure plasma jet in presence of water vapors. <i>Thin Solid Films</i> , 2016, 614, 25-30.	1.8	19
11	Layered double hydroxides/polymer thin films grown by matrix assisted pulsed laser evaporation. <i>Thin Solid Films</i> , 2013, 543, 63-68.	1.8	16
12	Functionalization of carbon nanowalls by plasma jet in liquid treatment. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	10
13	Atmospheric Pressure Plasma Deposition of Organosilicon Thin Films by Direct Current and Radio-frequency Plasma Jets. <i>Materials</i> , 2020, 13, 1296.	2.9	9
14	Application of image recognition algorithms for statistical description of nano- and microstructured surfaces. <i>AIP Conference Proceedings</i> , 2016, , .	0.4	3
15	Stearic Acid/Layered Double Hydroxides Composite Thin Films Deposited by Combined Laser Techniques. <i>Molecules</i> , 2020, 25, 4097.	3.8	3
16	OES monitoring of sequential deposition of C/W layers by PECVD/magnetron sputtering techniques. <i>Surface and Coatings Technology</i> , 2011, 205, S402-S406.	4.8	1