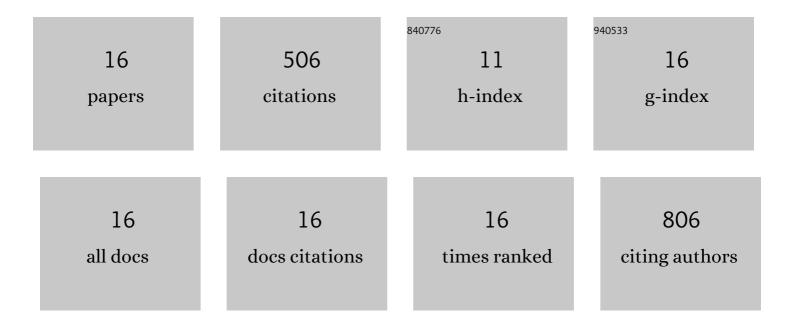
Maria - Daniela Ionita

List of Publications by Year in descending order

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