

Catalin G Borcia

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5919570/publications.pdf>

Version: 2024-02-01

12
papers

262
citations

1040056

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1281871

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docs citations

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times ranked

353
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved fluorimetric measurement of uranium uptake and distribution in spring wheat (Triticum) Tj ETQq1 1 0.784314 rgBT ₀ /Overlook	1.2	1
2	Effects of Atmospheric-Pressure Plasma Treatment on the Processes Involved in Fabrics Dyeing. Plasma Chemistry and Plasma Processing, 2016, 36, 341-354.	2.4	5
3	Surface properties and hydrophobic recovery of polymers treated by atmospheric-pressure plasma. Applied Surface Science, 2014, 317, 103-110.	6.1	58
4	DBD Surface Modification of Polymers in Relation to the Spatial Distribution of Reactive Oxygen Species. Plasma Chemistry and Plasma Processing, 2011, 31, 729-740.	2.4	8
5	Sorption of thallos ion from acidic aqueous solutions onto ETS-10 titanosilicate. Journal of Radioanalytical and Nuclear Chemistry, 2011, 288, 25-30.	1.5	10
6	Atmospheric-Pressure Dielectric Barrier Discharge for Surface Processing of Polymer Films and Fibers. IEEE Transactions on Plasma Science, 2009, 37, 941-945.	1.3	15
7	Relating plasma surface modification to polymer characteristics. Applied Physics A: Materials Science and Processing, 2008, 90, 507-515.	2.3	28
8	Control of the blood-polymer interface by plasma treatment. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2008, 87B, 364-373.	3.4	9
9	Adhesion properties of polyamide-6 fibres treated by dielectric barrier discharge. Surface and Coatings Technology, 2006, 201, 1117-1123.	4.8	41
10	Determining the contact angle between liquids and cylindrical surfaces. Journal of Colloid and Interface Science, 2006, 294, 418-422.	9.4	21
11	Spontaneously generated temporal patterns correlated with the dynamics of self-organized coherent space charge configurations formed in plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 229, 354-361.	2.1	23
12	Self-organization phenomena in current carrying plasmas related to the non-linearity of the current versus voltage characteristic. Physics Letters, Section A: General, Atomic and Solid State Physics, 1995, 208, 136-142.	2.1	44