

Charlie Stallard

List of Publications by Year in descending order

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11
papers

260
citations

1163117

8
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

477
citing authors

#	ARTICLE	IF	CITATIONS
1	Tailoring oxide-layer formation on titanium substrates using microwave plasma treatments. Surface and Coatings Technology, 2017, 325, 299-307.	4.8	13
2	Deposition of Non-Fouling PEO-Like Coatings Using a Low Temperature Atmospheric Pressure Plasma Jet. Plasma Processes and Polymers, 2016, 13, 241-252.	3.0	17
3	Modified drug release using atmospheric pressure plasma deposited siloxane coatings. Journal Physics D: Applied Physics, 2016, 49, 364005.	2.8	9
4	Two-Dimensional Integrated Model for Interaction of Liquid Droplets with Atmospheric Pressure Plasma. Plasma Processes and Polymers, 2015, 12, 1256-1270.	3.0	4
5	Three-Dimensional Coupled Fluid-Droplet Model for Atmospheric Pressure Plasmas. Plasma Processes and Polymers, 2015, 12, 201-213.	3.0	7
6	Fabrication of nano-structured TiO ₂ coatings using a microblast deposition technique. Applied Surface Science, 2013, 275, 316-323.	6.1	11
7	Investigation of the Formation Mechanism of Aligned Nano-Structured Siloxane Coatings Deposited Using an Atmospheric Plasma Jet. Plasma Processes and Polymers, 2013, 10, 888-903.	3.0	21
8	Evaluation of Protein Adsorption on Atmospheric Plasma Deposited Coatings Exhibiting Superhydrophilic to Superhydrophobic Properties. Biointerphases, 2012, 7, 31.	1.6	134
9	A Comparison between Gas and Atomized Liquid Precursor States in the Deposition of Functional Coatings by Pin Corona Plasma. Plasma Processes and Polymers, 2011, 8, 230-238.	3.0	21
10	Investigation of the Effects of Gas versus Liquid Deposition in an Aerosol-Assisted Corona Deposition Process. Plasma Processes and Polymers, 2010, 7, 43-50.	3.0	22
11	Can attenuated total internal reflection-Fourier transform infrared be used to understand the interaction between polymers and water? A hyperspectral imaging study. Journal of Spectral Imaging, 0, , .	0.0	1