

Charlie Stallard

List of Publications by Year in descending order

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Version: 2024-02-01

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