

Andrew J Knoll

List of Publications by Year in descending order

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9
papers

167
citations

1163117
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1474206
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all docs

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docs citations

9
times ranked

191
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of tumor versus normal cell migration and morphology to cold atmospheric plasma-treated media in varying culture conditions. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900103.	3.0	13
2	Effect of water vapor on plasma processing at atmospheric pressure: Polymer etching and surface modification by an Ar/H ₂ O plasma jet. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2019, 37, .	2.1	21
3	Substrate temperature effect on migration behavior of fluorocarbon film precursors in high-aspect ratio structures. <i>Journal of Vacuum Science and Technology B: Nanotechnology and Microelectronics</i> , 2019, 37, 031802.	1.2	3
4	Polymer etching by atmospheric-pressure plasma jet and surface microdischarge sources: Activation energy analysis and etching directionality. <i>Plasma Processes and Polymers</i> , 2018, 15, 1700217.	3.0	24
5	Plasma-surface interaction at atmospheric pressure: A case study of polystyrene etching and surface modification by Ar/O ₂ plasma jet. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, 05C315.	2.1	28
6	Biodeactivation of Lipopolysaccharide Correlates with Surface-Bound NO ₃ After Cold Atmospheric Plasma Treatment. <i>Plasma Processes and Polymers</i> , 2016, 13, 410-418.	3.0	19
7	Cold Atmospheric Pressure Plasma VUV Interactions With Surfaces: Effect of Local Gas Environment and Source Design. <i>Plasma Processes and Polymers</i> , 2016, 13, 1069-1079.	3.0	22
8	A comparative study of biomolecule and polymer surface modifications by a surface microdischarge. <i>European Physical Journal D</i> , 2016, 70, 1.	1.3	12
9	Polystyrene as a model system to probe the impact of ambient gas chemistry on polymer surface modifications using remote atmospheric pressure plasma under well-controlled conditions. <i>Biointerphases</i> , 2015, 10, 029512.	1.6	25