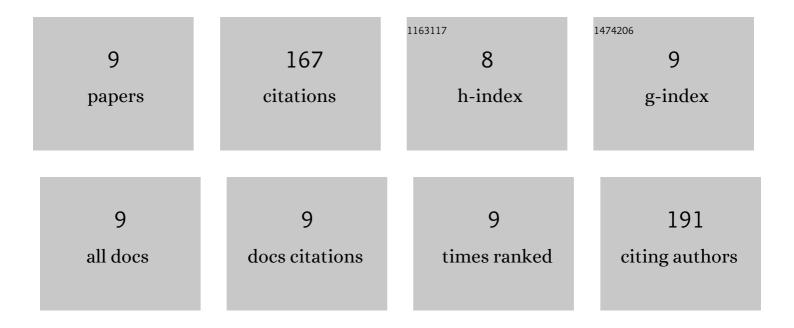
Andrew J Knoll

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Plasma–surface interaction at atmospheric pressure: A case study of polystyrene etching and surface modification by Ar/O ₂ plasma jet. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, 05C315.	2.1	28
2	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. Biointerphases, 2015, 10, 029512.	1.6	25
3	Polymer etching by atmosphericâ€pressure plasma jet and surface microâ€discharge sources: Activation energy analysis and etching directionality. Plasma Processes and Polymers, 2018, 15, 1700217.	3.0	24
4	Cold Atmospheric Pressure Plasma VUV Interactions With Surfaces: Effect of Local Gas Environment and Source Design. Plasma Processes and Polymers, 2016, 13, 1069-1079.	3.0	22
5	Effect of water vapor on plasma processing at atmospheric pressure: Polymer etching and surface modification by an Ar/H2O plasma jet. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2019, 37, .	2.1	21
6	Biodeactivation of Lipopolysaccharide Correlates with Surfaceâ€Bound NO ₃ After Cold Atmospheric Plasma Treatment. Plasma Processes and Polymers, 2016, 13, 410-418.	3.0	19
7	Sensitivity of tumor versus normal cell migration and morphology to cold atmospheric plasmaâ€ŧreated media in varying culture conditions. Plasma Processes and Polymers, 2020, 17, 1900103.	3.0	13
8	A comparative study of biomolecule and polymer surface modifications by a surface microdischarge. European Physical Journal D, 2016, 70, 1.	1.3	12
9	Substrate temperature effect on migration behavior of fluorocarbon film precursors in high-aspect ratio structures. Journal of Vacuum Science and Technology B:Nanotechnology and Microalectropics 2019 37 031802	1.2	3