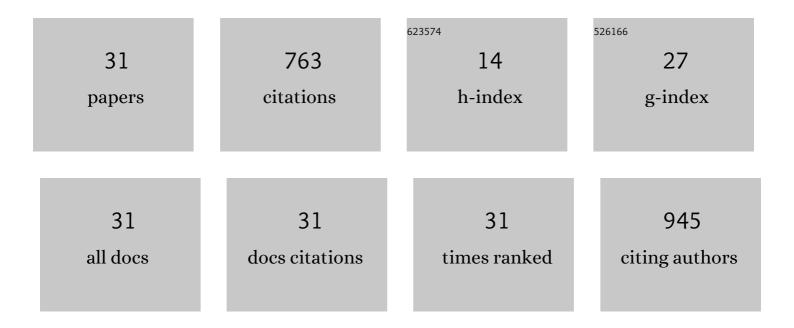
Vladimir Milosavljevic

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Pesticide degradation in water using atmospheric air cold plasma. Journal of Water Process Engineering, 2016, 9, 225-232.	2.6	165
2	Translation of plasma technology from the lab to the food industry. Plasma Processes and Polymers, 2018, 15, 1700085.	1.6	114
3	Non-thermal atmospheric plasma induces ROS-independent cell death in U373MG glioma cells and augments the cytotoxicity of temozolomide. British Journal of Cancer, 2016, 114, 435-443.	2.9	74
4	Cold Atmospheric Plasma induces accumulation of lysosomes and caspase-independent cell death in U373MG glioblastoma multiforme cells. Scientific Reports, 2019, 9, 12891.	1.6	36
5	Activation of PET Using an RF Atmospheric Plasma System. Plasma Chemistry and Plasma Processing, 2013, 33, 941-957.	1.1	34
6	Diagnostics of plasma reactive species and induced chemistry of plasma treated foods. Critical Reviews in Food Science and Nutrition, 2019, 59, 812-825.	5.4	32
7	Quantitative Assessment of Blood Coagulation by Cold Atmospheric Plasma. Plasma Medicine, 2014, 4, 153-163.	0.2	31
8	Influence of self-absorption on plasma diagnostics by emission spectral lines. Optics Express, 2012, 20, 12699.	1.7	30
9	Generation of Active Species in a Large Atmospheric-Pressure Plasma Jet. IEEE Transactions on Plasma Science, 2012, 40, 2994-3002.	0.6	29
10	Optimization of atmospheric air plasma for degradation of organic dyes in wastewater. Water Science and Technology, 2017, 75, 207-219.	1.2	29
11	Low-pressure plasma modification of the rheological properties of tapioca starch. Food Hydrocolloids, 2022, 125, 107380.	5.6	27
12	Diagnostics of an O ₂ –He RF Atmospheric Plasma Discharge by Spectral Emission. Journal of the Physical Society of Japan, 2014, 83, 014501.	0.7	22
13	Significance of a Non-Thermal Plasma Treatment on LDPE Biodegradation with Pseudomonas Aeruginosa. Materials, 2018, 11, 1925.	1.3	21
14	Inducing a Dielectric Barrier Discharge Plasma Within a Package. IEEE Transactions on Plasma Science, 2014, 42, 2368-2369.	0.6	16
15	Evaluation of the Effect of Plasma Treatment Frequency on the Activation of Polymer Particles. Plasma Chemistry and Plasma Processing, 2017, 37, 1223-1235.	1.1	14
16	Investigation of a scalable barrel atmospheric plasma reactor for the treatment of polymer particles. Surface and Coatings Technology, 2016, 308, 435-441.	2.2	13
17	Spectroscopic investigation of a dielectric barrier discharge in modified atmosphere packaging. EPJ Applied Physics, 2017, 80, 20801.	0.3	10
18	Real time sensor for monitoring oxygen in radio–frequency plasma applications. Optics Express, 2007, 15, 13913.	1.7	9

VLADIMIR MILOSAVLJEVIC

#	Article	IF	CITATIONS
19	Influence of Gas Type on the Thermal Efficiency of Microwave Plasmas for the Sintering of Metal Powders. Plasma Chemistry and Plasma Processing, 2011, 31, 771-785.	1.1	8
20	Phase-resolved optical emission spectroscopy for an electron cyclotron resonance etcher. Journal of Applied Physics, 2013, 113, 163302.	1.1	8
21	Importance of Plasma Thermal Energy Transfer for Plasma Jet Systems. IEEE Transactions on Plasma Science, 2014, 42, 2426-2427.	0.6	8
22	Impact of plasma treatment on acoustic properties of natural cellulose materials. Cellulose, 2019, 26, 6543-6554.	2.4	7
23	Impact of atmospheric pressure nonequilibrium plasma discharge on polymer surface metrology. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	0.9	6
24	Spectroscopic study of excited molecular nitrogen generation due to interactions of metastable noble gas atoms. Plasma Processes and Polymers, 2018, 15, 1800018.	1.6	6
25	Evaluation of a reel-to-reel atmospheric plasma system for the treatment of polymers. Surfaces and Interfaces, 2017, 6, 162-169.	1.5	4
26	Method for Estimation of Electron Density in a Pulse Plasma Source. Journal of the Physical Society of Japan, 2009, 78, 084501.	0.7	3
27	Impact of plasma jet geometry on residence times of radical species. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2018, 36, .	0.9	3
28	MEASURED AND CALCULATED STARK PARAMETERS FOR SEVERAL AR I SPECTRAL LINES. High Temperature Material Processes, 2003, 7, 525-534.	0.2	3
29	Characterization of plasma chemistry for an optimized pulse resonance atmospheric-pressure plasma system. Europhysics Letters, 2021, 133, 43002.	0.7	1
30	Stark widths and shifts of the Kr III spectral lines. AIP Conference Proceedings, 2001, , .	0.3	0
31	Electrical characterization of the new generation of pulse resonance atmospheric plasma systems. International Journal of Energy Research, 2022, 46, 6337-6350.	2.2	0