

# Junghyun Lim

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

216  
citations

1307543

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h-index

1372553

10  
g-index

11  
all docs

11  
docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Gap Distance between a Pin and Water Surface on the Inactivation of <i>Escherichia coli</i> Using a Pin-to-Water Plasma. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5423.	4.1	6
2	Effect of post-discharge time of plasma-treated water (PTW) on microbial inactivation and quality of fresh-cut potatoes. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15387.	2.0	9
3	The Effect of Gaseous Ozone Generated by Surface Dielectric Barrier Discharge on the Decay and Quality of Stored Onion Bulbs. <i>Agronomy</i> , 2021, 11, 1058.	3.0	1
4	Antimicrobial effects and mechanism of plasma activated fine droplets produced from arc discharge plasma on planktonic <i>Listeria monocytogenes</i> and <i>Escherichia coli</i> O157:H7. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 124002.	2.8	23
5	Inactivation of <i>Salmonella Typhimurium</i> by Non-Thermal Plasma Bubbles: Exploring the Key Reactive Species and the Influence of Organic Matter. <i>Foods</i> , 2020, 9, 1689.	4.3	19
6	Plasma-activated water regulates root hairs and cotyledon size dependent on cell elongation in <i>Nicotiana tabacum</i> L. <i>Plant Biotechnology Reports</i> , 2020, 14, 663-672.	1.5	9
7	Growth and bioactive phytochemicals in barley ( <i>Hordeum vulgare</i> L.) sprouts affected by atmospheric pressure plasma during seed germination. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 314002.	2.8	33
8	Application of persulfate with hydrodynamic cavitation and ferrous in the decomposition of pentachlorophenol. <i>Ultrasonics Sonochemistry</i> , 2020, 66, 105106.	8.2	17
9	Sequential application of plasma-activated water and mild heating improves microbiological quality of ready-to-use shredded salted kimchi cabbage ( <i>Brassica pekinensis</i> L.). <i>Food Control</i> , 2019, 98, 501-509.	5.5	87
10	Relationship between Ozone Concentration and Contact Time for Residual Pesticides Removal from Strawberry and Tomato using Plasma Active Species. <i>Nong'yag Gwahag Hoeji</i> , 2019, 23, 379-387.	0.5	0
11	Application of Ultrasound and Ozone for the Removal of Aqueous Tannin. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 07GH05.	1.5	12