

Jiangwei Duan

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

292
citations

1163117

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1125743

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all docs

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docs citations

15
times ranked

387
citing authors

#	ARTICLE	IF	CITATIONS
1	Cold atmospheric plasma jet array for transdermal drug delivery. <i>Plasma Processes and Polymers</i> , 2021, 18, 2000180.	3.0	8
2	Wheat gliadin in ethanol solutions treated using cold air plasma at atmospheric pressure. <i>Food Bioscience</i> , 2021, 39, 100808.	4.4	9
3	The penetration of reactive oxygen and nitrogen species across the stratum corneum. <i>Plasma Processes and Polymers</i> , 2020, 17, 2000005.	3.0	20
4	Effects of Cold Jet Atmospheric Pressure Plasma on the Structural Characteristics and Immunoreactivity of Celiac-Toxic Peptides and Wheat Storage Proteins. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1012.	4.1	9
5	<i>Candida albicans</i> biofilm inactivated by cold plasma treatment in vitro and in vivo. <i>Plasma Processes and Polymers</i> , 2020, 17, 1900068.	3.0	16
6	Cold atmospheric plasma ameliorates imiquimod-induced psoriasiform dermatitis in mice by mediating antiproliferative effects. <i>Free Radical Research</i> , 2019, 53, 269-280.	3.3	28
7	Genotoxic and mutagenic properties of atmospheric pressure plasma jet on human liver cell line L02. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	8
8	On the penetration of reactive oxygen and nitrogen species generated by a plasma jet into and through mice skin with/without stratum corneum. <i>Physics of Plasmas</i> , 2019, 26, .	1.9	26
9	Effect of tissue thickness and liquid composition on the penetration of long-lifetime reactive oxygen and nitrogen species (RONS) generated by a plasma jet. <i>Journal Physics D: Applied Physics</i> , 2018, 51, 345204.	2.8	25
10	The selective effect of plasma activated medium in an <i>in vitro</i> co-culture of liver cancer and normal cells. <i>Journal of Applied Physics</i> , 2017, 121, .	2.5	70
11	On the penetration depth of reactive oxygen and nitrogen species generated by a plasma jet through real biological tissue. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	70
12	Effects of N ₂ /O ₂ Additives on the Repeatability of the Dynamics of an Atmospheric-Pressure He Plasma Jet. <i>IEEE Transactions on Plasma Science</i> , 2016, 44, 398-404.	1.3	2