

Pietro J Ranieri Iii

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

222
citations

1307594

7
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma agriculture: Review from the perspective of the plant and its ecosystem. <i>Plasma Processes and Polymers</i> , 2021, 18, .	3.0	99
2	Measuring plasma-generated $\dot{\text{A}}\text{OH}$ and O atoms in liquid using EPR spectroscopy and the non-selectivity of the HTA assay. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 145202.	2.8	26
3	Following O and OH in He/O ₂ and He/H ₂ O gas mixturesâ€”from the gas phase through the liquid phase to modifications on a biological sample. <i>Journal Physics D: Applied Physics</i> , 2021, 54, 434003.	2.8	8
4	GSH Modification as a Marker for Plasma Source and Biological Response Comparison to Plasma Treatment. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2025.	2.5	18
5	Effects of cold plasma treatments on spot-inoculated <i>Escherichia coli</i> O157:H7 and quality of baby kale (<i>Brassica oleracea</i>) leaves. <i>Innovative Food Science and Emerging Technologies</i> , 2019, 57, 102104.	5.6	34
6	Microsecond-Pulsed Dielectric Barrier Discharge Plasma-Treated Mist for Inactivation of <i>Escherichia coli</i> <i>In Vitro</i>. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 395-402.	1.3	13
7	Optimization of Short-Pulsed Dielectric Barrier Discharge for In-Package Disinfection. <i>Plasma Medicine</i> , 2018, 8, 185-193.	0.6	2
8	Real-Time Monitoring of Intracellular Chemical Changes in Response to Plasma Irradiation. <i>Plasma Medicine</i> , 2017, 7, 7-26.	0.6	4
9	Nanosecond-Pulsed Dielectric Barrier Dischargeâ€”Induced Antitumor Effects Propagate through Depth of Tissue via Intracellular Signaling. <i>Plasma Medicine</i> , 2017, 7, 283-297.	0.6	7
10	Abstract 688: Meta-[²¹¹ At]astatobenzylguanidine ([²¹¹ At]MABG) is a potent alpha particle emitting systemic targeted radiotherapeutic in preclinical models of neuroblastoma. , 2017, , .		0
11	Non-thermal Plasma Treatment of Flowing Water: A Solution to Reduce Water Usage and Soil Treatment Cost without Compromising Yield. <i>Plasma Medicine</i> , 2016, 6, 413-427.	0.6	9
12	Abstract 1610: Development of meta-[²¹¹ At]astatobenzylguanidine ([²¹¹ At]MABG) as an alpha particle emitting systemic targeted radiotherapeutic for neuroblastoma. , 2015, , .		2
13	Quantifying the effect of plasma irradiation on internal properties of living cells. , 2013, , .		0