

# 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	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
3	Measuring plasma-generated $\text{OH}$ and $\text{O}$ 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
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	Microsecond-Pulsed Dielectric Barrier Discharge Plasma-Treated Mist for Inactivation of <i>Escherichia coli</i> &lt;italic&gt;In Vitro&lt;/italic&gt;. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 395-402.	1.3	13
6	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
7	Following $\text{O}$ and $\text{OH}$ in $\text{He}/\text{O}_{2}$ and $\text{He}/\text{H}_{2}\text{O}$ gas mixtures 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
8	Nanosecond-Pulsed Dielectric Barrier Discharge Induced Antitumor Effects Propagate through Depth of Tissue via Intracellular Signaling. <i>Plasma Medicine</i> , 2017, 7, 283-297.	0.6	7
9	Real-Time Monitoring of Intracellular Chemical Changes in Response to Plasma Irradiation. <i>Plasma Medicine</i> , 2017, 7, 7-26.	0.6	4
10	Optimization of Short-Pulsed Dielectric Barrier Discharge for In-Package Disinfection. <i>Plasma Medicine</i> , 2018, 8, 185-193.	0.6	2
11	Abstract 1610: Development of meta-[ $^{211}\text{At}$ ]astatobenzylguanidine ([ $^{211}\text{At}$ ]MABC) as an alpha particle emitting systemic targeted radiotherapeutic for neuroblastoma. , 2015, , .		2
12	Quantifying the effect of plasma irradiation on internal properties of living cells. , 2013, , .		0
13	Abstract 688: Meta-[ $^{211}\text{At}$ ]astatobenzylguanidine ([ $^{211}\text{At}$ ]MABC) is a potent alpha particle emitting systemic targeted radiotherapeutic in preclinical models of neuroblastoma. , 2017, , .		0