

Angela Privat-Maldonado

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

800
citations

567144

15
h-index

713332

21
g-index

21
all docs

21
docs citations

21
times ranked

874
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS from Physical Plasmas: Redox Chemistry for Biomedical Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-29.	1.9	168
2	Analysis of Short-Lived Reactive Species in Plasmaâ€“Airâ€“Water Systems: The Dos and the Do Nots. <i>Analytical Chemistry</i> , 2018, 90, 13151-13158.	3.2	103
3	Reduction of Human Glioblastoma Spheroids Using Cold Atmospheric Plasma: The Combined Effect of Short- and Long-Lived Reactive Species. <i>Cancers</i> , 2018, 10, 394.	1.7	69
4	Modifying the Tumour Microenvironment: Challenges and Future Perspectives for Anticancer Plasma Treatments. <i>Cancers</i> , 2019, 11, 1920.	1.7	56
5	Synergistic Effects of Melittin and Plasma Treatment: A Promising Approach for Cancer Therapy. <i>Cancers</i> , 2019, 11, 1109.	1.7	46
6	Oxidative damage to hyaluronanâ€“CD44 interactions as an underlying mechanism of action of oxidative stress-inducing cancer therapy. <i>Redox Biology</i> , 2021, 43, 101968.	3.9	41
7	Risk Assessment of kINPen Plasma Treatment of Four Human Pancreatic Cancer Cell Lines with Respect to Metastasis. <i>Cancers</i> , 2019, 11, 1237.	1.7	40
8	Spatial Dependence of DNA Damage in Bacteria due to Low-Temperature Plasma Application as Assessed at the Single Cell Level. <i>Scientific Reports</i> , 2016, 6, 35646.	1.6	38
9	In Vitro Evaluation of a Soluble Leishmania Promastigote Surface Antigen as a Potential Vaccine Candidate against Human Leishmaniasis. <i>PLoS ONE</i> , 2014, 9, e92708.	1.1	37
10	Cold Atmospheric Plasma Increases Temozolomide Sensitivity of Three-Dimensional Glioblastoma Spheroids via Oxidative Stress-Mediated DNA Damage. <i>Cancers</i> , 2021, 13, 1780.	1.7	28
11	Oxidation of Innate Immune Checkpoint CD47 on Cancer Cells with Non-Thermal Plasma. <i>Cancers</i> , 2021, 13, 579.	1.7	26
12	Physical plasma-derived oxidants sensitize pancreatic cancer cells to ferroptotic cell death. <i>Free Radical Biology and Medicine</i> , 2021, 166, 187-200.	1.3	24
13	Plasma treatment causes structural modifications in lysozyme, and increases cytotoxicity towards cancer cells. <i>International Journal of Biological Macromolecules</i> , 2021, 182, 1724-1736.	3.6	21
14	Nontarget Biomolecules Alter Macromolecular Changes Induced by Bactericidal Lowâ€“Temperature Plasma. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2018, 2, 121-128.	2.7	20
15	Cold Atmospheric Plasma Treatment for Pancreatic Cancerâ€“The Importance of Pancreatic Stellate Cells. <i>Cancers</i> , 2020, 12, 2782.	1.7	20
16	Cold Atmospheric Plasma Does Not Affect Stellate Cells Phenotype in Pancreatic Cancer Tissue in Ovo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1954.	1.8	15
17	Risk Evaluation of EMT and Inflammation in Metastatic Pancreatic Cancer Cells Following Plasma Treatment. <i>Frontiers in Physics</i> , 2020, 8, .	1.0	14
18	IFN- γ Response Is Associated to Time Exposure Among Asymptomatic Immune Responders That Visited American Tegumentary Leishmaniasis Endemic Areas in Peru. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 289.	1.8	9

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19	Modulating the Antioxidant Response for Better Oxidative Stress-Inducing Therapies: How to Take Advantage of Two Sides of the Same Medal?. <i>Biomedicines</i> , 2022, 10, 823.	1.4	9
20	Effect of Cysteine Oxidation in SARS-CoV-2 Receptor-Binding Domain on Its Interaction with Two Cell Receptors: Insights from Atomistic Simulations. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 129-141.	2.5	9
21	Plasma in Cancer Treatment. <i>Cancers</i> , 2020, 12, 2617.	1.7	7