

Rebecca Brock

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

359
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of analysis methods for determination of dynamic tissue conductivity during microseconds-long pulsed electric fields. <i>Biomedical Signal Processing and Control</i> , 2022, 72, 103305.	5.7	3
2	Exploration of Novel Pathways Underlying Irreversible Electroporation Induced Anti-Tumor Immunity in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2022, 12, 853779.	2.8	6
3	Multi-Tissue Analysis on the Impact of Electroporation on Electrical and Thermal Properties. <i>IEEE Transactions on Biomedical Engineering</i> , 2021, 68, 771-782.	4.2	18
4	Regulation of neonatal IgA production by the maternal microbiota. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	23
5	Establishing an immunocompromised porcine model of human cancer for novel therapy development with pancreatic adenocarcinoma and irreversible electroporation. <i>Scientific Reports</i> , 2021, 11, 7584.	3.3	16
6	Noncanonical NF- κ B Signaling Upregulation in Inflammatory Bowel Disease Patients is Associated With Loss of Response to Anti-TNF Agents. <i>Frontiers in Pharmacology</i> , 2021, 12, 655887.	3.5	16
7	Histotripsy Ablation Alters the Tumor Microenvironment and Promotes Immune System Activation in a Subcutaneous Model of Pancreatic Cancer. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2021, 68, 2987-3000.	3.0	31
8	Understanding the role of calcium-mediated cell death in high-frequency irreversible electroporation. <i>Bioelectrochemistry</i> , 2020, 131, 107369.	4.6	36
9	Starting a Fire Without Flame: The Induction of Cell Death and Inflammation in Electroporation-Based Tumor Ablation Strategies. <i>Frontiers in Oncology</i> , 2020, 10, 1235.	2.8	52
10	Patient Derived Xenografts Expand Human Primary Pancreatic Tumor Tissue Availability for ex vivo Irreversible Electroporation Testing. <i>Frontiers in Oncology</i> , 2020, 10, 843.	2.8	15
11	Abstract PR8: Irreversible electroporation is an effective tumor-ablation strategy that induces immunologic cell death and promotes systemic antitumor immunity. , 2020, , .		0
12	Using Computer-based Image Analysis to Improve Quantification of Lung Metastasis in the 4T1 Breast Cancer Model. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	2
13	High-frequency irreversible electroporation is an effective tumor ablation strategy that induces immunologic cell death and promotes systemic anti-tumor immunity. <i>EBioMedicine</i> , 2019, 44, 112-125.	6.1	116
14	Real-time prediction of patient immune cell modulation during irreversible electroporation therapy. <i>Scientific Reports</i> , 2019, 9, 17739.	3.3	25