

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