Lluis

List of Publications by Year
in descending order

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22 papers	4,905 citations	516215 16 h-index	676716 22 g-index
22 all docs	22 docs citations	22 times ranked	2416 citing authors

#	Article	IF	Citations
1	An Internet of Things Platform Based on Microservices and Cloud Paradigms for Livestock. Sensors, 2021, 21, 5949.	2.1	6
2	GaN-Based Versatile Waveform Generator for Biomedical Applications of Electroporation. IEEE Access, 2020, 8, 97196-97203.	2.6	16
3	A Subnanosecond Pulsed Electric Field System for Studying Cells Electropermeabilization. IEEE Transactions on Plasma Science, 2020, 48, 4242-4249.	0.6	7
4	Conductive nanoparticles improve cell electropermeabilization. Nanotechnology, 2019, 30, 495101.	1.3	12
5	Impact of the number of electric pulses on cell electrochemotherapy in vitro: Limits of linearity and saturation. Bioelectrochemistry, 2019, 129, 218-227.	2.4	17
6	Industrial Electronics for Biomedicine: A New Cancer Treatment Using Electroporation. IEEE Industrial Electronics Magazine, 2019, 13, 6-18.	2.3	23
7	Sine wave electropermeabilization reveals the frequency-dependent response of the biological membranes. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 1022-1034.	1.4	24
8	A wide-band bio-chip for real-time optical detection of bioelectromagnetic interactions with cells. Scientific Reports, 2018, 8, 5044.	1.6	12
9	Updated standard operating procedures for electrochemotherapy of cutaneous tumours and skin metastases. Acta OncolÃ³gica, 2018, 57, 874-882.	0.8	256
10	Pyroelectricity as a possible mechanism for cell membrane permeabilization. Bioelectrochemistry, 2018, 119, 227-233.	2.4	11
11	Investigation of the chemical mechanisms involved in the electropulsation of membranes at the molecular level. Bioelectrochemistry, 2018, 119, 76-83.	2.4	56
12	In vitro analysis of various cell lines responses to electroporative electric pulses by means of electrical impedance spectroscopy. Biosensors and Bioelectronics, 2018, 117, 207-216.	5.3	18
13	Tumor Ablation with Irreversible Electroporation. PLoS ONE, 2007, 2, e1135.	1.1	421
14	Electrochemotherapy â€“ An easy, highly effective and safe treatment of cutaneous and subcutaneous metastases: Results of ESOPE (European Standard Operating Procedures of Electrochemotherapy) study. European Journal of Cancer, Supplement, 2006, 4, 3-13.	2.2	713
15	Standard operating procedures of the electrochemotherapy: Instructions for the use of bleomycin or cisplatin administered either systemically or locally and electric pulses delivered by the CliniporatorTM by means of invasive or non-invasive electrodes. European Journal of Cancer, Supplement, 2006, 4, 14-25.	2.2	474
16	In Vivo Results of a New Focal Tissue Ablation Technique: Irreversible Electroporation. IEEE Transactions on Biomedical Engineering, 2006, 53, 1409-1415.	2.5	442
17	Electrochemotherapy: results of cancer treatment using enhanced delivery of bleomycin by electroporation. Cancer Treatment Reviews, 2003, 29, 371-387.	3.4	481
18	A validated model of in vivo electric field distribution in tissues for electrochemotherapy and for DNA electrotransfer for gene therapy. Biochimica Et Biophysica Acta - General Subjects, 2000, 1523, 73-83.	1.1	307

#	Article	IF	Citations
19	Electrochemotherapy, a new antitumor treatment. First clinical phase I-II trial. Cancer, 1993, 72, 3694-3700.	2.0	418
20	Electrochemotherapy potentiation of antitumour effect of bleomycin by local electric pulses. European Journal of Cancer & Clinical Oncology, 1991, 27, 68-72.	0.9	527
21	Transient electropermeabilization of cells in culture. Biochemical Pharmacology, 1988, 37, 4727-4733.	2.0	397
22	Introduction of definite amounts of nonpermeant molecules into living cells after electropermeabilization: Direct access to the cytosol. Experimental Cell Research, 1988, 175, 15-25.	1.2	267