

# Lluís

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

4,905  
citations

516710

16  
h-index

677142

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. <i>Sensors</i> , 2021, 21, 5949.	3.8	6
2	GaN-Based Versatile Waveform Generator for Biomedical Applications of Electroporation. <i>IEEE Access</i> , 2020, 8, 97196-97203.	4.2	16
3	A Subnanosecond Pulsed Electric Field System for Studying Cells Electropermeabilization. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 4242-4249.	1.3	7
4	Conductive nanoparticles improve cell electropermeabilization. <i>Nanotechnology</i> , 2019, 30, 495101.	2.6	12
5	Impact of the number of electric pulses on cell electrochemotherapy in vitro: Limits of linearity and saturation. <i>Bioelectrochemistry</i> , 2019, 129, 218-227.	4.6	17
6	Industrial Electronics for Biomedicine: A New Cancer Treatment Using Electroporation. <i>IEEE Industrial Electronics Magazine</i> , 2019, 13, 6-18.	2.6	23
7	Sine wave electropermeabilization reveals the frequency-dependent response of the biological membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1022-1034.	2.6	24
8	A wide-band bio-chip for real-time optical detection of bioelectromagnetic interactions with cells. <i>Scientific Reports</i> , 2018, 8, 5044.	3.3	12
9	Updated standard operating procedures for electrochemotherapy of cutaneous tumours and skin metastases. <i>Acta Oncologica</i> , 2018, 57, 874-882.	1.8	256
10	Pyroelectricity as a possible mechanism for cell membrane permeabilization. <i>Bioelectrochemistry</i> , 2018, 119, 227-233.	4.6	11
11	Investigation of the chemical mechanisms involved in the electropulsation of membranes at the molecular level. <i>Bioelectrochemistry</i> , 2018, 119, 76-83.	4.6	56
12	In vitro analysis of various cell lines responses to electroporative electric pulses by means of electrical impedance spectroscopy. <i>Biosensors and Bioelectronics</i> , 2018, 117, 207-216.	10.1	18
13	Tumor Ablation with Irreversible Electroporation. <i>PLoS ONE</i> , 2007, 2, e1135.	2.5	421
14	Electrochemotherapy – An easy, highly effective and safe treatment of cutaneous and subcutaneous metastases: Results of ESOPE (European Standard Operating Procedures of Electrochemotherapy) study. <i>European Journal of Cancer, Supplement</i> , 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 Cliniporator™ by means of invasive or non-invasive electrodes. <i>European Journal of Cancer, Supplement</i> , 2006, 4, 14-25.	2.2	474
16	In Vivo Results of a New Focal Tissue Ablation Technique: Irreversible Electroporation. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 1409-1415.	4.2	442
17	Electrochemotherapy: results of cancer treatment using enhanced delivery of bleomycin by electroporation. <i>Cancer Treatment Reviews</i> , 2003, 29, 371-387.	7.7	481
18	A validated model of in vivo electric field distribution in tissues for electrochemotherapy and for DNA electrotransfer for gene therapy. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1523, 73-83.	2.4	307

#	ARTICLE	IF	CITATIONS
19	Electrochemotherapy, a new antitumor treatment. First clinical phase I-II trial. <i>Cancer</i> , 1993, 72, 3694-3700.	4.1	418
20	Electrochemotherapy potentiation of antitumour effect of bleomycin by local electric pulses. <i>European Journal of Cancer &amp; Clinical Oncology</i> , 1991, 27, 68-72.	0.7	527
21	Transient electroporation of cells in culture. <i>Biochemical Pharmacology</i> , 1988, 37, 4727-4733.	4.4	397
22	Introduction of definite amounts of nonpermeant molecules into living cells after electroporation: Direct access to the cytosol. <i>Experimental Cell Research</i> , 1988, 175, 15-25.	2.6	267