

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 | 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 |
| 2 | Electrochemotherapy potentiation of antitumour effect of bleomycin by local electric pulses. <i>European Journal of Cancer & Clinical Oncology</i> , 1991, 27, 68-72. | 0.7 | 527 |
| 3 | Electrochemotherapy: results of cancer treatment using enhanced delivery of bleomycin by electroporation. <i>Cancer Treatment Reviews</i> , 2003, 29, 371-387. | 7.7 | 481 |
| 4 | 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 |
| 5 | 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 |
| 6 | Tumor Ablation with Irreversible Electroporation. <i>PLoS ONE</i> , 2007, 2, e1135. | 2.5 | 421 |
| 7 | Electrochemotherapy, a new antitumor treatment. First clinical phase III trial. <i>Cancer</i> , 1993, 72, 3694-3700. | 4.1 | 418 |
| 8 | Transient electroporation of cells in culture. <i>Biochemical Pharmacology</i> , 1988, 37, 4727-4733. | 4.4 | 397 |
| 9 | 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 |
| 10 | 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 |
| 11 | Updated standard operating procedures for electrochemotherapy of cutaneous tumours and skin metastases. <i>Acta Oncologica</i> , 2018, 57, 874-882. | 1.8 | 256 |
| 12 | Investigation of the chemical mechanisms involved in the electroporation of membranes at the molecular level. <i>Bioelectrochemistry</i> , 2018, 119, 76-83. | 4.6 | 56 |
| 13 | Sine wave electroporation reveals the frequency-dependent response of the biological membranes. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1022-1034. | 2.6 | 24 |
| 14 | Industrial Electronics for Biomedicine: A New Cancer Treatment Using Electroporation. <i>IEEE Industrial Electronics Magazine</i> , 2019, 13, 6-18. | 2.6 | 23 |
| 15 | 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 |
| 16 | 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 |
| 17 | GaN-Based Versatile Waveform Generator for Biomedical Applications of Electroporation. <i>IEEE Access</i> , 2020, 8, 97196-97203. | 4.2 | 16 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Conductive nanoparticles improve cell electropermeabilization. <i>Nanotechnology</i> , 2019, 30, 495101. | 2.6 | 12 |
| 20 | Pyroelectricity as a possible mechanism for cell membrane permeabilization. <i>Bioelectrochemistry</i> , 2018, 119, 227-233. | 4.6 | 11 |
| 21 | A Subnanosecond Pulsed Electric Field System for Studying Cells Electropermeabilization. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 4242-4249. | 1.3 | 7 |
| 22 | An Internet of Things Platform Based on Microservices and Cloud Paradigms for Livestock. <i>Sensors</i> , 2021, 21, 5949. | 3.8 | 6 |