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Electrochemotherapy potentiation of antitumour effect of bleomycin by local electric pulses

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#	Paper IF	Citations
471	Electroporation of cell membranes. <b>1991</b> , 60, 297-306	800
470	Very high cytotoxicity of bleomycin introduced into the cytosol of cells in culture. <b>1991</b> , 42 Suppl, S67-75	166
469	Electrochemotherapy of spontaneous mammary tumours in mice. <i>European Journal of Cancer &amp; Clinical Oncology</i> , <b>1991</b> , 27, 73-6	123
468	Local Treatment of Murine Tumors by Electric Direct Current. <b>1992</b> , 11, 109-125	15
467	Electrochemotherapy, a new antitumor treatment. First clinical phase I-II trial. <b>1993</b> , 72, 3694-700	375
466	A 50-Hz magnetic field induces structural and biophysical changes in membranes. <b>1993</b> , 14, 247-55	90
465	Cell electropermeabilization: a new tool for biochemical and pharmacological studies. <b>1993</b> , 1154, 51-63	194
464	Potentiation of bleomycin antitumor effectiveness by electrotherapy. <b>1993</b> , 69, 81-4	23
463	Electroporation: a general phenomenon for manipulating cells and tissues. <b>1993</b> , 51, 426-35	351
462	Electroporation of mammalian skin: a mechanism to enhance transdermal drug delivery. <b>1993</b> , 90, 10504-8	514
461	Methods for in Vivo Tissue Electroporation Using Surface Electrodes. <b>1993</b> , 1, 125-131	18
460	Electrochemotherapy: variable anti-tumor effect on different tumor models. <b>1994</b> , 35, 23-27	53
459	Transdermal delivery of metoprolol by electroporation. <b>1994</b> , 11, 1657-62	110
458	Quantitative study of molecular transport due to electroporation: uptake of bovine serum albumin by erythrocyte ghosts. <b>1994</b> , 66, 1522-30	61
457	Electropermeabilization of cells in tissues assessed by the qualitative and quantitative electroloading of bleomycin. <b>1994</b> , 1190, 155-63	101
456	Electrochemotherapya novel method of cancer treatment. <b>1994</b> , 20, 105-15	76
455	Spatial Compartmentation and Time Resolution of Photooxidation of a Cell Membrane Probe in Electropermeabilized Chinese Hamster Ovary Cells. <i>FEBS Journal</i> , <b>1995</b> , 228, 710-718	

### (1996-1995)

454	Treatment of B16 mouse melanoma with the combination of electropermeabilization and chemotherapy. <b>1995</b> , 36, 83-87	78
453	Electropermeabilization of peripheral blood phagocytes induces a long-lived cell membrane alteration which does not affect their viability. <b>1995</b> , 38, 129-136	3
452	Biomedical applications of electric pulses with special emphasis on antitumor electrochemotherapy. <b>1995</b> , 38, 203-207	108
45 <sup>1</sup>	Electroporation-induced damage in mammalian cell DNA. <b>1995</b> , 1264, 357-62	51
450	Analysis of enhanced transdermal transport by skin electroporation. <b>1995</b> , 34, 211-221	84
449	Electroporation theory. Concepts and mechanisms. <b>1995</b> , 48, 3-28	18
448	Mechanism of electroinduced ionic species transport through a multilamellar lipid system. <b>1995</b> , 68, 749-65	84
447	Electroporation in cells and tissues: A biophysical phenomenon due to electromagnetic fields. <b>1995</b> , 30, 205-221	19
446	Poloxamer 188 decreases susceptibility of artificial lipid membranes to electroporation. <b>1996</b> , 71, 3229-41	59
445	Bleomycin-mediated electrochemotherapy of basal cell carcinoma. <b>1996</b> , 34, 82-6	80
444	Bleomycin: revival of an old drug. <b>1996</b> , 27, 745-8	168
443	Electrochemotherapy: transition from laboratory to the clinic. <b>1996</b> , 15, 124-132	26
442	Modification of the radiation response by the administration of exogenous genes. <b>1996</b> , 6, 321-328	8
441	Antitumor electrochemotherapy: new advances in the clinical protocol. <b>1996</b> , 77, 956-63	149
440	Phase I/II trial for the treatment of cutaneous and subcutaneous tumors using electrochemotherapy. <b>1996</b> , 77, 964-71	228
439	Changing electrode orientation improves the efficacy of electrochemotherapy of solid tumors in mice. <b>1996</b> , 39, 61-66	64
438	Theory of electroporation: A review. <b>1996</b> , 41, 135-160	1121
437	Effects of electrochemotherapy on cutaneous metastases of human malignant melanoma. <b>1996</b> , 36, 1285	6

436	First clinical trial of cat soft-tissue sarcomas treatment by electrochemotherapy. <b>1997</b> , 76, 1617-22	71
435	Foreign gene expression in the mouse testis by localized in vivo gene transfer. <b>1997</b> , 233, 45-9	113
434	Effects of electrochemotherapy on CaSki cells derived from a cervical squamous cell carcinoma. <b>1997</b> , 65, 297-303	15
433	Intralesional bleomycin-mediated electrochemotherapy in 20 patients with basal cell carcinoma. <b>1997</b> , 37, 596-9	85
432	Anti-tumor effectiveness of electrochemotherapy with bleomycin is increased by TNF-alpha on SA-1 tumors in mice. <b>1997</b> , 116, 85-92	49
431	Novel electrode designs for electrochemotherapy. <b>1997</b> , 1334, 9-14	113
430	In vivo antitumor effects of electrochemotherapy in a hepatoma model. <b>1997</b> , 1334, 15-8	59
429	Tumor treatment by direct electric current Tumor perfusion changes. <b>1997</b> , 43, 253-256	13
428	The voltammetric behavior of Saccharomyces cerevisiae. <b>1997</b> , 43, 293-296	17
427	Electrochemotherapy: an emerging drug delivery method for the treatment of cancer. <b>1997</b> , 26, 185-197	78
426	Electrochemotherapy significantly inhibits the growth of colon 26 tumors in mice. <b>1997</b> , 27, 506-10	8
425	Enhancement of the efficacy of anticancer drugs with electroporation: Successful electrochemotherapy against gastric cancer cell lines in vivo and in vitro. <b>1997</b> , 2, 111-117	7
424	Electrochemotherapy with CDDP on LPB sarcoma: comparison of the anti-tumor effectiveness in immunocompotent and immunodeficient mice. <b>1997</b> , 43, 279-283	57
423	Sensitivity of transmembrane voltage induced by applied electric fields theoretical analysis. <b>1997</b> , 43, 285-291	169
422	Intrinsic sensitivity of tumor cells to bleomycin as an indicator of tumor response to electrochemotherapy. <b>1998</b> , 89, 328-33	41
421	Electrochemotherapy on liver tumours in rabbits. <b>1998</b> , 77, 2104-11	99
420	Calculation of the electrical parameters in electrochemotherapy of solid tumours in mice. <b>1998</b> , 28, 439-48	39
419	Antisense oligonucleotides: strategies for delivery. <b>1998</b> , 1, 377-386	17

#### [1999-1998]

418	bleomycin. <b>1998</b> , 83, 148-57	214
417	Synergistic effect of electric pulses and bleomycin on cultured rabbit subconjunctival fibroblasts. <b>1998</b> , 236, 52-60	9
416	Dynamic gamma camera studies of 111InBleomycin complex in normal and glioma bearing rats after in vivo electropermeabilization using exponential high-voltage pulses. <b>1998</b> , 46, 241-248	15
415	In vitro and ex vivo electrically mediated permeabilization and gene transfer in murine melanoma. <b>1998</b> , 47, 129-134	11
414	Electrochemotherapy with cisplatin: potentiation of local cisplatin antitumour effectiveness by application of electric pulses in cancer patients. <b>1998</b> , 34, 1213-8	136
413	Treatment of hepatic metastases of colorectal cancer by electrochemotherapy: An experimental study in the rat. <b>1998</b> , 124, 536-540	13
412	The importance of electric field distribution for effective in vivo electroporation of tissues. <b>1998</b> , 74, 2152-8	201
411	Contrast Enhanced MRI Assessment of Tumor Blood Volume After Application of Electric Pulses. <b>1998</b> , 17, 299-306	21
410	Effect of Electric-Field Intensity on Electropermeabilization and Electrosensitmty of Various Tumor-Cell Lines In Vitro. <b>1998</b> , 17, 263-272	45
409	Antitumor effects of single and multiple electrochemotherapy on B16 melanoma.	
408	Evaluation of the electrostatic field strength at the site of exocytosis in adrenal chromaffin cells. <b>1998</b> , 75, 1237-43	23
407	Electropermeabilization of mammalian cells to macromolecules: control by pulse duration. <b>1998</b> , 75, 1415-23	257
406	Electric field-induced functional reductions in the K+ channels mainly resulted from supramembrane potential-mediated electroconformational changes. <b>1998</b> , 75, 196-206	35
405	Electroporation therapy of head and neck cancer. <b>1998</b> , 107, 779-85	65
404	Significance of Treatment Energy in Cell Electropermeabilization. 1998, 17, 255-262	6
403	Bioelectrochemical Aspects of the Treatment of Tissue with Direct Current. <b>1998</b> , 17, 1-16	9
402	Effective treatment of cutaneous and subcutaneous malignant tumours by electrochemotherapy. <b>1998</b> , 77, 2336-42	353
401	Electrochemical treatment of tumours: a simplified mathematical model. <b>1999</b> , 460, 88-99	28

400	Changes in electroporation thresholds of lipid membranes by surfactants and peptides. <b>1999</b> , 888, 249-65	26
399	Increased platinum accumulation in SA-1 tumour cells after in vivo electrochemotherapy with cisplatin. <b>1999</b> , 79, 1386-91	62
398	Theory of electrical creation of aqueous pathways across skin transport barriers. <b>1999</b> , 35, 21-39	115
397	A practical assessment of transdermal drug delivery by skin electroporation. <b>1999</b> , 35, 61-76	145
396	Mechanisms of electrochemotherapy. <b>1999</b> , 35, 107-118	189
395	Clinical applications of electrochemotherapy. <b>1999</b> , 35, 119-129	150
394	In vivo gene delivery by electroporation. <b>1999</b> , 35, 131-137	76
393	In vivo antitumor effects of electrochemotherapy in a tongue cancer model. <b>1999</b> , 57, 965-72	9
392	Electrically enhanced drug delivery for the treatment of soft tissue sarcoma. <b>1999</b> , 85, 409-17	40
391	Development of A Dose-Planning Method for Electrochemical Treatment of Tumors: A Study of Mammary Tissue in Healthy Female CD Rats. <b>1999</b> , 18, 93-104	14
390	Tumour blood flow changes induced by application of electric pulses. <b>1999</b> , 35, 672-7	101
389	Studies of in vivo electropermeabilization by gamma camera measurements of (99m)Tc-DTPA. <b>1999</b> , 1473, 321-8	22
388	The comparative benefits of glaucoma filtering surgery with an electric-pulse targeted drug delivery system demonstrated in an animal model. <b>1999</b> , 106, 1140-6	15
387	In vivo efficacy and safety of skin electroporation. <b>1999</b> , 35, 77-88	102
386	Toxicity of anticancer agents mediated by electroporation in vitro. <b>2000</b> , 11, 201-8	114
385	In vivo electroporation of plasmids encoding GM-CSF or interleukin-2 into existing B16 melanomas combined with electrochemotherapy induces long-term antitumour immunity. <i>Melanoma Research</i> , 3.3 <b>2000</b> , 10, 577-83	103
384	Transdermal drug delivery using electroporation. I. Factors influencing in vitro delivery of terazosin hydrochloride in hairless rats. <b>2000</b> , 89, 528-35	23
383	Enhancement of antitumor effect of bleomycin by low-voltage in vivo electroporation: a study of human uterine leiomyosarcomas in nude mice. <b>2000</b> , 88, 640-4	36

## (2001-2000)

382	Electroporation-enhanced gene delivery in mammary tumors. <b>2000</b> , 7, 541-7	86
381	Efficient DNA electrotransfer into tumors. <b>2000</b> , 52, 83-90	54
380	Mechanism of anti-tumor effect of combination of bleomycin and shock waves. <b>2000</b> , 91, 1065-72	19
379	Electroporation of cells and tissues. <b>2000</b> , 28, 24-33	254
378	Electrochemotherapy for colorectal cancer with commonly used chemotherapeutic agents in a mouse model. <b>2000</b> , 45, 1568-77	15
377	Electrochemotherapy with Bleomycin in the Treatment of Hypernephroma Metastasis: Case Report and Literature Review. <b>2000</b> , 86, 163-165	36
376	Endoscopic and electroporation therapy of paranasal sinus tumors. <b>2000</b> , 14, 187-91	14
375	Treatment of a Tumor Model with ECT Using 4+4 Electrode Configuration. <b>2000</b> , 37, 259-64	
374	Delivery of genes in vivo using pulsed electric fields. <b>2000</b> , 37, 173-86	8
373	A validated model of in vivo electric field distribution in tissues for electrochemotherapy and for DNA electrotransfer for gene therapy. <b>2000</b> , 1523, 73-83	252
372	In vivo cell electrofusion. <b>2000</b> , 1524, 118-30	28
371	Enhancing effect of electric stimulation on cytotoxicity of anticancer agents against rat and human glioma cells. <b>2000</b> , 51, 371-8	8
370	Rapid tumor necrosis induced by electrochemotherapy with intratumoral injection of bleomycin in a hamster tongue cancer model. <b>2000</b> , 29, 119-125	3
369	Mechanism of transdermal drug delivery by electroporation. <b>2000</b> , 37, 187-211	2
368	Microwave treatments for prostate disease. <b>2000</b> , 48, 1885-1891	5
367	Effects of electrochemotherapy with bleomycin on normal liver tissue in a rat model. <b>2001</b> , 37, 414-21	16
366	Treatment of hepatocellular carcinoma in a rat model using electrochemotherapy. 2001, 37, 422-30	28
365	Therapeutic perspectives of in vivo cell electropermeabilization. <b>2001</b> , 53, 1-10	265

364	Electroporation therapy for head and neck cancer including carotid artery involvement. 2001, 111, 52-6	57
363	Electrochemotherapy in primary and metastatic skin tumors: phase II trial using intralesional bleomycin. <b>2001</b> , 32, 273-6	87
362	Transdermal peptide delivery using electroporation. <b>1997</b> , 10, 213-38	4
361	Electrochemotherapy for the treatment of human sarcoma in athymic rats. <b>2002</b> , 1, 393-9	5
360	Effect of electrochemotherapy on muscle and skin. <b>2002</b> , 1, 385-92	18
359	A feasibility study for electrical impedance tomography as a means to monitor tissue electroporation for molecular medicine. <b>2002</b> , 49, 400-3	73
358	Gene electrotransfer: potential for gene therapy of renal diseases. <b>2002</b> , 61, S37-41	12
357	In vivo DNA electrotransfer. <b>2002</b> , 21, 869-77	24
356	Electroporation of biological membranes from multicellular to nano scales. 2003, 10, 754-768	187
355	Joule heating during solid tissue electroporation. <b>2003</b> , 41, 215-9	36
354	Electrochemotherapy for digital chondrosarcoma. <b>2003</b> , 8, 248-51	30
353	Enhanced antitumor activity of a combination of MBD2-antisense electrotransfer gene therapy and bleomycin electrochemotherapy. <b>2003</b> , 5, 893-899	23
352	Electroporation: theory and methods, perspectives for drug delivery, gene therapy and research. <b>2003</b> , 177, 437-47	584
351	In vivo evolution of tumour cells after the generation of double-strand DNA breaks. 2003, 88, 1763-71	28
350	Bleomycin-mediated electrochemotherapy in mouse NR-S1 carcinoma. <b>2003</b> , 51, 359-62	15
349	Electrochemotherapy: results of cancer treatment using enhanced delivery of bleomycin by electroporation. <b>2003</b> , 29, 371-87	410
348	Electroporation therapy in head and neck cancer. <b>2003</b> , 123, 264-8	50
347	Macroscopic characterization of cell electroporation in biological tissue based on electrical measurements. <b>2004</b> , 85, 4520	21

### (2006-2004)

346	DNA electrotransfer: its principles and an updated review of its therapeutic applications. <b>2004</b> , 11 Suppl 1, S33-42	219
345	Enhanced effectiveness of radiochemotherapy with tirapazamine by local application of electric pulses to tumors. <b>2004</b> , 162, 185-93	17
344	Energy-landscape-model analysis for irreversibility and its pulse-width dependence in cells subjected to a high-intensity ultrashort electric pulse. <b>2004</b> , 69, 051901	24
343	Electric Field-Induced Cell Membrane Permeabilization and Gene Transfer: Theory and Experiments. <b>2005</b> , 5, 179-186	18
342	Cylindrical cell membranes in uniform applied electric fields: validation of a transport lattice method. <b>2005</b> , 52, 1643-53	47
341	Effectiveness of tumor electrochemotherapy as a function of electric pulse strength and duration. <b>2005</b> , 65, 105-11	25
340	Tissue ablation with irreversible electroporation. <b>2005</b> , 33, 223-31	850
339	Cancer cells ablation with irreversible electroporation. <b>2005</b> , 4, 699-705	234
338	Effect of cell electroporation on the conductivity of a cell suspension. <b>2005</b> , 88, 4378-90	202
337	Electrophoretic component of electric pulses determines the efficacy of in vivo DNA electrotransfer. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1194-201	3 111
337		48
	electrotransfer. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1194-201  New insights in the visualization of membrane permeabilization and DNA/membrane interaction of	
336	electrotransfer. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1194-201  New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. <b>2005</b> , 1724, 248-54  Simulations of nanopore formation and phosphatidylserine externalization in lipid membranes	48
336 335	electrotransfer. <i>Human Gene Therapy</i> , <b>2005</b> , 16, 1194-201  New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. <b>2005</b> , 1724, 248-54  Simulations of nanopore formation and phosphatidylserine externalization in lipid membranes subjected to a high-intensity, ultrashort electric pulse. <b>2005</b> , 72, 031902  Effective treatment of an extensive recurrent breast cancer which was refractory to multimodal	48 92
336 335 334	New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. 2005, 1724, 248-54  Simulations of nanopore formation and phosphatidylserine externalization in lipid membranes subjected to a high-intensity, ultrashort electric pulse. 2005, 72, 031902  Effective treatment of an extensive recurrent breast cancer which was refractory to multimodal therapy by multiple applications of electrochemotherapy. 2006, 4, 32-34  Electrochemotherapy IAn easy, highly effective and safe treatment of cutaneous and subcutaneous metastases: Results of ESOPE (European Standard Operating Procedures of	48 92 23
<ul><li>336</li><li>335</li><li>334</li><li>333</li></ul>	New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. 2005, 1724, 248-54  Simulations of nanopore formation and phosphatidylserine externalization in lipid membranes subjected to a high-intensity, ultrashort electric pulse. 2005, 72, 031902  Effective treatment of an extensive recurrent breast cancer which was refractory to multimodal therapy by multiple applications of electrochemotherapy. 2006, 4, 32-34  Electrochemotherapy [An easy, highly effective and safe treatment of cutaneous and subcutaneous metastases: Results of ESOPE (European Standard Operating Procedures of Electrochemotherapy) study. 2006, 4, 3-13	48 92 23 569
<ul><li>336</li><li>335</li><li>334</li><li>333</li><li>332</li></ul>	New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. 2005, 1724, 248-54  Simulations of nanopore formation and phosphatidylserine externalization in lipid membranes subjected to a high-intensity, ultrashort electric pulse. 2005, 72, 031902  Effective treatment of an extensive recurrent breast cancer which was refractory to multimodal therapy by multiple applications of electrochemotherapy. 2006, 4, 32-34  Electrochemotherapy IAn easy, highly effective and safe treatment of cutaneous and subcutaneous metastases: Results of ESOPE (European Standard Operating Procedures of Electrochemotherapy) study. 2006, 4, 3-13  Bases and rationale of the electrochemotherapy. 2006, 4, 38-44  Electropermeabilization, a physical method for the delivery of therapeutic molecules into cells.	48 92 23 569 118

328	Electrochemotherapy a novel approach to the treatment of metastatic nodules on the skin and subcutaneous tissues. <b>2006</b> , 60, 458-62	44
327	Gene Transfer Using Nonviral Delivery Systems. <b>2006</b> , 26, 633-640	19
326	A high-voltage pulse generation instrument for electrochemotherapy method. <b>2006</b> , 30, 145-51	3
325	In vivo results of a new focal tissue ablation technique: irreversible electroporation. <b>2006</b> , 53, 1409-15	371
324	Regression of high-grade malignancy in mice by bleomycin and interleukin-12 electrochemogenetherapy. <b>2006</b> , 12, 257-63	44
323	Randomized controlled study of electrochemotherapy in the local treatment of skin metastases of melanoma. <b>2006</b> , 10, 115-21	64
322	Mathematical modeling of irreversible electroporation for treatment planning. 2007, 6, 275-86	132
321	Ultrasound-enhanced chemotherapy and gene delivery for glioma cells. <b>2007</b> , 6, 433-42	11
320	A study of the immunological response to tumor ablation with irreversible electroporation. 2007, 6, 301-6	88
319	Electrochemotherapy: aspects of preclinical development and early clinical experience. <b>2007</b> , 245, 469-79	110
318	Effect of cell size and shape on single-cell electroporation. <b>2007</b> , 79, 3589-96	69
317	Simultaneous maximization of cell permeabilization and viability in single-cell electroporation using an electrolyte-filled capillary. <b>2007</b> , 79, 161-7	10
316	Increase of the roughness of the stainless-steel anode surface due to the exposure to high-voltage electric pulses as revealed by atomic force microscopy. <b>2007</b> , 70, 519-23	27
315	An electrochemotherapy model for rat tongue carcinoma. <b>1998</b> , 27, 249-54	10
314	Feasibility of employing model-based optimization of pulse amplitude and electrode distance for effective tumor electropermeabilization. <b>2007</b> , 54, 773-81	48
313	Membrane perturbation by an external electric field: a mechanism to permit molecular uptake. <b>2007</b> , 36, 973-83	30
312	Mass Transfer Model for Drug Delivery in Tissue Cells with Reversible Electroporation. <b>2008</b> , 51, 5610-5616	61
311	Tumor destruction using electrochemotherapy followed by CpG oligodeoxynucleotide injection induces distant tumor responses. <b>2008</b> , 57, 1291-300	51

310	Effective tumor treatment using optimized ultrasound-mediated delivery of bleomycin. 2008, 34, 406-13	43
309	Non-linear time domain model of electropermeabilization: Effect of extracellular conductivity and applied electric field parameters. <b>2008</b> , 66, 328-334	2
308	Electrochemotherapy with intravenous bleomycin in the local treatment of skin melanoma metastases. <b>2008</b> , 15, 2215-22	138
307	Bleomycin in dermatology: a review of intralesional applications. <b>2008</b> , 34, 1299-313	56
306	Optimal parameters for the destruction of prostate cancer using irreversible electroporation. <b>2008</b> , 180, 2668-74	105
305	Impact of pulsed electric fields on Corynebacterium glutamicum cell membrane permeabilization. <b>2008</b> , 105, 375-82	22
304	Electrochemotherapy in veterinary oncology. <b>2008</b> , 22, 826-31	94
303	Mechanism by which electroporation mediates DNA migration and entry into cells and targeted tissues. <b>2008</b> , 423, 19-33	26
302	Application of electroporation gene therapy: past, current, and future. 2008, 423, 3-17	38
301	Electrochemotherapy: an emerging cancer treatment. <b>2008</b> , 24, 263-73	33
300	Electrochemotherapy: an emerging cancer treatment. 2008, 24, 263-73  Importance of contact surface between electrodes and treated tissue in electrochemotherapy. 2008, 7, 393-400	33 25
	Importance of contact surface between electrodes and treated tissue in electrochemotherapy.	
300	Importance of contact surface between electrodes and treated tissue in electrochemotherapy. <b>2008</b> , 7, 393-400	25
300	Importance of contact surface between electrodes and treated tissue in electrochemotherapy. 2008, 7, 393-400  Bleomycin in Dermatology. 2008, 34, 1299-1313  Three-dimensional Finite-element Analysis of Joule Heating in Electrochemotherapy and in vivo	25 41
300 299 298	Importance of contact surface between electrodes and treated tissue in electrochemotherapy.  2008, 7, 393-400  Bleomycin in Dermatology. 2008, 34, 1299-1313  Three-dimensional Finite-element Analysis of Joule Heating in Electrochemotherapy and in vivo Gene Electrotransfer. 2009, 16, 1338-1347  The Effective Conductivity and the Induced Transmembrane Potential in Dense Cell System	25 41 60
300 299 298 297	Importance of contact surface between electrodes and treated tissue in electrochemotherapy. 2008, 7, 393-400  Bleomycin in Dermatology. 2008, 34, 1299-1313  Three-dimensional Finite-element Analysis of Joule Heating in Electrochemotherapy and in vivo Gene Electrotransfer. 2009, 16, 1338-1347  The Effective Conductivity and the Induced Transmembrane Potential in Dense Cell System Exposed to DC and AC Electric Fields. 2009, 37, 99-106	25 41 60 9
300 299 298 297 296	Importance of contact surface between electrodes and treated tissue in electrochemotherapy. 2008, 7, 393-400  Bleomycin in Dermatology. 2008, 34, 1299-1313  Three-dimensional Finite-element Analysis of Joule Heating in Electrochemotherapy and in vivo Gene Electrotransfer. 2009, 16, 1338-1347  The Effective Conductivity and the Induced Transmembrane Potential in Dense Cell System Exposed to DC and AC Electric Fields. 2009, 37, 99-106  Plasma facilitated delivery of DNA to skin. 2009, 104, 1034-40  What is (still not) known of the mechanism by which electroporation mediates gene transfer and	25 41 60 9

292	Synthesis of new heterometallic macromolecules: their DNA binding, cleavage activity and in vitro model electrochemotherapy study. <b>2009</b> , 74, 1152-9		6
291	Control of the release of freely diffusing molecules in single-cell electroporation. <b>2009</b> , 81, 8001-8		7
290	Electroporation as an efficient physical enhancer for skin drug delivery. 2009, 49, 1262-83		56
289	Radiosensitizing effect of electrochemotherapy in a fractionated radiation regimen in radiosensitive murine sarcoma and radioresistant adenocarcinoma tumor model. <b>2009</b> , 172, 677-85		19
288	Electrochemotherapy as an adjunct or alternative to other treatments for unresectable or in-transit melanoma. <b>2009</b> , 9, 1611-30		36
287	Electrochemotherapy of mouse sarcoma tumors using electric pulse trains with repetition frequencies of 1 Hz and 5 kHz. <b>2010</b> , 236, 155-62		25
286	The effect of high-frequency electric pulses on tumor blood flow in vivo. <b>2010</b> , 236, 163-6		7
285	The effects of the electric fields on hydrogels to achieve antitumoral drug release. <b>2010</b> , 78, 191-5		15
284	Modelling single cell electroporation with bipolar pulse parameters and dynamic pore radii. <b>2010</b> , 68, 261-274		28
283	Control of pore radius regulation for electroporation-based drug delivery. <b>2010</b> , 15, 1400-1407		10
282	Electroporation therapy of skin cancer in the head and neck area. <b>2010</b> , 36, 1245-50		41
281	Non-invasive and transdermal measurement of blood uric acid level in human by electroporation and reverse iontophoresis. <b>2010</b> , 5, 991-7		11
280	Bioelectric applications for treatment of melanoma. <i>Cancers</i> , <b>2010</b> , 2, 1731-70	6.6	17
279	Ablation of bone cells by electroporation. <b>2010</b> , 92, 1614-20		44
278	Antivascular effects of electrochemotherapy: implications in treatment of bleeding metastases. <b>2010</b> , 10, 729-46		146
277	Apoptosis initiation and angiogenesis inhibition: melanoma targets for nanosecond pulsed electric fields. <b>2010</b> , 23, 554-63		67
276	Tissue Electroporation as a Bioelectric Phenomenon: Basic Concepts. <b>2010</b> , 23-61		27
275	Determination of cellular injury and death thresholds following exposure to high voltage 10ns electrical pulses. <b>2011</b> ,		1

274	Dynamics and control of the two-pulse protocol in electroporation: numerical exploration. <b>2011</b> , 232, 24-30		2
273	Enhancement of antigen specific humoral immune responses after delivery of a DNA plasmid based vaccine through a contact-independent helium plasma. <b>2011</b> , 29, 6781-4		12
272	Irreversible electroporation of the liver and liver hilum in swine. <b>2011</b> , 13, 168-73		133
271	Dose-dependent thresholds of 10-ns electric pulse induced plasma membrane disruption and cytotoxicity in multiple cell lines. <i>PLoS ONE</i> , <b>2011</b> , 6, e15642	3.7	65
270	Cryosurgery with pulsed electric fields. <i>PLoS ONE</i> , <b>2011</b> , 6, e26219	3.7	6
269	Electrochemotherapy of cutaneous metastases of melanomaa case series study and systematic review of the evidence. <b>2011</b> , 37, 816-24		44
268	Nonthermal irreversible electroporation for intracranial surgical applications. Laboratory investigation. <b>2011</b> , 114, 681-8		83
267	Electroporation therapy for T1 and T2 oral tongue cancer. <b>2011</b> , 131, 660-4		21
266	Nanopulses and their applications: Permeabilisation to bleomycin molecules by 10 ns duration electric pulses in a tumor model in vivo. <b>2012</b> ,		
265	Local intense cellular electric fields and their relevance in the computational modeling of biochemical reactions. <b>2012</b> , 4, 1873-5		7
264	The antitumor efficiency of combined electrochemotherapy and single dose irradiation on a breast cancer tumor model. <i>Radiology and Oncology</i> , <b>2012</b> , 46, 226-32	3.8	12
263	Treatment planning of electroporation-based medical interventions: electrochemotherapy, gene electrotransfer and irreversible electroporation. <b>2012</b> , 57, 5425-40		83
262	Utility of electrochemotherapy in melanoma treatment. <b>2012</b> , 24, 155-61		28
261	Assessment of the tumourigenic and metastatic properties of SK-MEL28 melanoma cells surviving electrochemotherapy with bleomycin. <i>Radiology and Oncology</i> , <b>2012</b> , 46, 32-45	3.8	9
260	Electrochemotherapy for non-melanoma head and neck cancers: clinical outcomes in 25 patients. <b>2012</b> , 255, 1158-64		50
259	In vivo MRI follow-up of murine tumors treated by electrochemotherapy and other electroporation-based treatments. <b>2012</b> , 11, 561-70		11
258	Multiparametric functional nuclear magnetic resonance imaging shows alterations associated with plasmid electrotransfer in mouse skeletal muscle. <b>2012</b> , 14, 598-608		5
257	Towards the mechanisms for efficient gene transfer into cells and tissues by means of cell electroporation. <b>2012</b> , 12, 275-86		26

256	Irreversible electroporation shows efficacy against pancreatic carcinoma without systemic toxicity in mouse models. <b>2012</b> , 317, 16-23	60
255	Electroporation adopting trains of biphasic pulses enhances in vitro and in vivo the cytotoxic effect of doxorubicin on multidrug resistant colon adenocarcinoma cells (LoVo). <b>2012</b> , 48, 2236-43	18
254	Educational application for visualization and analysis of electric field strength in multiple electrode electroporation. <b>2012</b> , 12, 102	12
253	Electrochemotherapy of cutaneous metastastes from breast cancer in elderly patients: a preliminary report. <b>2012</b> , 12 Suppl 1, S6	45
252	Adjustment of ultrasound exposure duration to microbubble sonodestruction kinetics for optimal cell sonoporation in vitro. <b>2012</b> , 11, 375-87	15
251	Microbubble sonodestruction rate as a metric to evaluate sonoporation efficiency. <b>2012</b> , 31, 1993-2000	13
250	Potentiation of the Antitumour Effect of Cisplatin by Administering Local Electrical Pulses to Metastatic Lesions of Hamster Oral Fibrosarcoma. <i>Journal of Hard Tissue Biology</i> , <b>2012</b> , 21, 451-458	1
249	A circuit design of a low-cost, portable and programmable electroporation device for biomedical applications. <b>2012</b> , 166-167, 292-300	9
248	Microsecond and nanosecond electric pulses in cancer treatments. <b>2012</b> , 33, 106-23	124
247	Planning of electroporation-based treatments using Web-based treatment-planning software. <b>2013</b> , 246, 833-42	29
247 246		29 258
	<b>2013</b> , 246, 833-42	
246	2013, 246, 833-42  Antitumor effectiveness of electrochemotherapy: a systematic review and meta-analysis. 2013, 39, 4-16	258
246 245	2013, 246, 833-42  Antitumor effectiveness of electrochemotherapy: a systematic review and meta-analysis. 2013, 39, 4-16  Electrochemotherapy is effective in the treatment of rat bone metastases. 2013, 30, 1033-45  Induction of Cell Death Mechanisms and Apoptosis by Nanosecond Pulsed Electric Fields (nsPEFs).	258 40
246 245 244	2013, 246, 833-42  Antitumor effectiveness of electrochemotherapy: a systematic review and meta-analysis. 2013, 39, 4-16  Electrochemotherapy is effective in the treatment of rat bone metastases. 2013, 30, 1033-45  Induction of Cell Death Mechanisms and Apoptosis by Nanosecond Pulsed Electric Fields (nsPEFs).  Cells, 2013, 2, 136-62  7-9	258 40 102
<ul><li>246</li><li>245</li><li>244</li><li>243</li></ul>	Antitumor effectiveness of electrochemotherapy: a systematic review and meta-analysis. 2013, 39, 4-16  Electrochemotherapy is effective in the treatment of rat bone metastases. 2013, 30, 1033-45  Induction of Cell Death Mechanisms and Apoptosis by Nanosecond Pulsed Electric Fields (nsPEFs).  Cells, 2013, 2, 136-62  Histological and finite element analysis of cell death due to irreversible electroporation. 2014, 13, 561-9	258 40 102
<ul><li>246</li><li>245</li><li>244</li><li>243</li><li>242</li></ul>	Antitumor effectiveness of electrochemotherapy: a systematic review and meta-analysis. 2013, 39, 4-16  Electrochemotherapy is effective in the treatment of rat bone metastases. 2013, 30, 1033-45  Induction of Cell Death Mechanisms and Apoptosis by Nanosecond Pulsed Electric Fields (nsPEFs).  Cells, 2013, 2, 136-62  T-9  Histological and finite element analysis of cell death due to irreversible electroporation. 2014, 13, 561-9  Irreversible electroporation of hepatic malignancy. 2013, 30, 67-73  Electroporation of bone cancer: numerical evaluation of the electric field in treated tissues. 2013,	258 40 102 15 29

238	Electrochemotherapy with bleomycin induces hallmarks of immunogenic cell death in murine colon cancer cells. <b>2014</b> , 3, e28131		115
237	Biochemical characterization of cell electropermeabilization using the Raman effect. <b>2014</b> ,		
236	Segmentation of hepatic vessels from MRI images for planning of electroporation-based treatments in the liver. <i>Radiology and Oncology</i> , <b>2014</b> , 48, 267-81	3.8	24
235	Electrochemotherapy in Breast Cancer: A Review of References. <b>2014</b> , 74, 557-562		23
234	Desmoplastic melanoma on the nose: electrochemotherapy as an alternative treatment to local advanced disease. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2014</b> , 28, 424-32	4.6	4
233	Use of electrochemotherapy in a case of neck skin metastasis of oral squamous cell carcinoma: case report and considerations. <b>2014</b> , 36, E86-90		9
232	Local tumour ablative therapies: opportunities for maximising immune engagement and activation. <b>2014</b> , 1846, 510-23		13
231	In vivo evidences of nanosecond pulsed electric fields for melanoma malignancy treatment on tumor-bearing BALB/c nude mice. <b>2014</b> , 13, 337-44		12
230	Introduction of genes via sonoporation and electroporation. <b>2014</b> , 818, 231-54		8
229	Dual therapeutic benefit of electroporation-mediated DNA vaccination in vivo: Enhanced gene transfer and adjuvant activity. <b>2014</b> , 3, e28540		19
228	Electrochemotherapy: from the drawing board into medical practice. <b>2014</b> , 13, 29		225
227	Locally enhanced chemotherapy by electroporation: clinical experiences and perspective of use of electrochemotherapy. <b>2014</b> , 10, 877-90		99
226	Matlab-based tool for ECG and HRV analysis. <b>2014</b> , 10, 108-116		21
225	Electrical impedance tomographic imaging of a single cell electroporation. <b>2014</b> , 16, 427-37		14
224	Different incubation times of cells after gene electrotransfer in fetal bovine serum affect cell viability, but not transfection efficiency. <b>2014</b> , 247, 421-8		8
223	Comparison of flow cytometry, fluorescence microscopy and spectrofluorometry for analysis of gene electrotransfer efficiency. <b>2014</b> , 247, 1259-67		18
222	Electroporation-based technologies for medicine: principles, applications, and challenges. <b>2014</b> , 16, 295	-320	466
221	ANALYTICAL MODEL OF LOCAL DISTRIBUTION OF CHEMICALS IN TISSUES WITH FIRST-ORDER-RATE METABOLISM KINETICS. <b>2014</b> , 201, 102-119		1

220	Electrochemotherapy for the management of melanoma skin metastasis: a review of the literature and possible combinations with immunotherapy. <b>2014</b> , 306, 521-6		28
219	Bleomycin electrochemotherapy in elderly metastatic breast cancer patients: clinical outcome and management considerations. <b>2014</b> , 140, 1557-65		31
218	Design and evaluation of an affordable and programmable mobile device, capable of delivering constant current and high voltage electric pulses of different waveforms for biomedical and clinical applications. <b>2014</b> , 194, 361-370		3
217	Three-dimensional analysis of irreversible electroporation: Estimation of thermal and non-thermal damage. <b>2014</b> , 72, 66-74		9
216	Theoretical analysis of AC electric field transmission into biological tissue through frozen saline for electroporation. <b>2014</b> , 35, 607-13		1
215	Implications and considerations of thermal effects when applying irreversible electroporation tissue ablation therapy. <b>2015</b> , 75, 1114-8		38
214	The Effect of Irreversible Electroporation on the Femur: Experimental Study in a Rabbit Model. <i>Scientific Reports</i> , <b>2015</b> , 5, 18187	4.9	7
213	Web-based tool for visualization of electric field distribution in deep-seated body structures and planning of electroporation-based treatments. <b>2015</b> , 14 Suppl 3, S4		36
212	Electrochemotherapy to Metastatic Spinal Melanoma: A Novel Treatment of Spinal Metastasis?. <b>2015</b> , 40, E1340-6		21
211	Variation in dielectric properties due to pathological changes in human liver. <b>2015</b> , 36, 603-12		56
210	Gene electrotransfer clinical trials. <b>2015</b> , 89, 235-262		85
209	Electrochemotherapy - possible benefits and limitations to its use in the head and neck region. <b>2015</b> , 135, 90-5		15
208	Low immunogenicity in non-small cell lung cancer; do new developments and novel treatments have a role?. <b>2015</b> , 34, 129-44		9
207	The Feasibility of a Smart Surgical Probe for Verification of IRE Treatments Using Electrical Impedance Spectroscopy. <b>2015</b> , 62, 2674-84		21
206	Irreversible electroporation (IRE) fails to demonstrate efficacy in a prospective multicenter phase II trial on lung malignancies: the ALICE trial. <b>2015</b> , 38, 401-8		55
205	Feasibility and safety of electrochemotherapy (ECT) in the pancreas: a pre-clinical investigation. <i>Radiology and Oncology</i> , <b>2015</b> , 49, 147-54	3.8	40
204	Mechanisms of transfer of bioactive molecules through the cell membrane by electroporation. <b>2015</b> , 44, 277-89		38
203	New Formulations of Polysaccharide-Based Hydrogels for Drug Release and Tissue Engineering. <b>2015</b> , 1, 3-23		33

202	Electroporation for therapeutic DNA vaccination in patients. <b>2015</b> , 204, 131-5		15
201	Gene electrotransfer of plasmid AMEP, an integrin-targeted therapy, has antitumor and antiangiogenic action in murine B16 melanoma. <b>2015</b> , 22, 578-90		18
200	Different Cell Viability Assays Reveal Inconsistent Results After Bleomycin Electrotransfer In Vitro. <b>2015</b> , 248, 857-63		29
199	Electrical breakdown in tissue electroporation. <b>2015</b> , 467, 736-41		25
198	Assessing a novel immuno-oncology-based combination therapy: Ipilimumab plus electrochemotherapy. <b>2015</b> , 4, e1008842		50
197	Combining Electrolysis and Electroporation for Tissue Ablation. <b>2015</b> , 14, 395-410		29
196	Dual-porosity model of mass transport in electroporated biological tissue: Simulations and experimental work for model validation. <b>2015</b> , 29, 41-54		15
195	Irreversible electroporation: state of the art. <b>2016</b> , 9, 2437-46		63
194	Treatment efficacy with electrochemotherapy: A multi-institutional prospective observational study on 376 patients with superficial tumors. <b>2016</b> , 42, 1914-1923		63
193	A molecular insight into the electro-transfer of small molecules through electropores driven by electric fields. <b>2016</b> , 1858, 2278-2289		53
192	Feasibility of Electroporation in Bone and in the Surrounding Clinically Relevant Structures: A Preclinical Investigation. <b>2016</b> , 15, 737-748		12
191	The promising alliance of anti-cancer electrochemotherapy with immunotherapy. <b>2016</b> , 35, 165-77		71
190	The Electroporation as a Tool for Studying the Role of Plasma Membrane in the Mechanism of Cytotoxicity of Bisphosphonates and Menadione. <b>2016</b> , 249, 611-621		2
189	Electrochemotherapy guided by intraoperative fluorescence imaging for the treatment of inoperable peritoneal micro-metastases. <b>2016</b> , 233, 81-7		11
188	Tissue Ablation by a Synergistic Combination of Electroporation and Electrolysis Delivered by a Single Pulse. <b>2016</b> , 44, 3144-3154		15
187	European Research on Electrochemotherapy in Head and Neck Cancer (EURECA) project: Results of the treatment of skin cancer. <b>2016</b> , 63, 41-52		100
186	Electrochemotherapy of mucosal head and neck tumors: a systematic review. <i>Acta Oncològica</i> , <b>2016</b> , 55, 1266-1272	3.2	11
185	Dynamic finite-element model for efficient modelling of electric currents in electroporated tissue. <i>Scientific Reports</i> , <b>2016</b> , 6, 26409	4.9	38

Design and fabrication of an uniform electric field producing microfluidic electroporation chip based on MEMS technology. **2016**,

183	Operating Procedures of the Electrochemotherapy for Treatment of Tumor in Dogs and Cats. <b>2016</b> ,	14
182	Therapeutic Modulation of Calcium Dynamics using Ultrasound and Other Energy-based Techniques. <b>2016</b> , 9, 177-191	17
181	Intracellular Delivery of Bleomycin by Combined Application of Electroporation and Sonoporation in Vitro. <b>2016</b> , 249, 677-689	8
180	Electroporation in veterinary oncology. <b>2016</b> , 217, 18-25	18
179	Electrochemotherapy as palliative treatment in patients with thyroid papillary carcinoma. <b>2016</b> , 82, 285-8	3
178	Recommendations for improving the quality of reporting clinical electrochemotherapy studies based on qualitative systematic review. <i>Radiology and Oncology</i> , <b>2016</b> , 50, 1-13	82
177	Induction of apoptosis of liver cancer cells by nanosecond pulsed electric fields (nsPEFs). <b>2017</b> , 34, 24	26
176	Nanosecond pulsed electric fields trigger cell differentiation in Chlamydomonas reinhardtii. <b>2017</b> , 1859, 651-661	14
175	The controversial role of electrochemotherapy in head and neck cancer: a systematic review of the literature. <b>2017</b> , 274, 2389-2394	11
174	Mechanisms of inactivation of Candida humilis and Saccharomyces cerevisiae by pulsed electric fields. <b>2017</b> , 115, 47-55	8
173	Selective susceptibility to nanosecond pulsed electric field (nsPEF) across different human cell types. <b>2017</b> , 74, 1741-1754	36
172	Cell Membrane Transport Mechanisms: Ion Channels and Electrical Properties of Cell Membranes. <b>2017</b> , 227, 39-58	20
171	Treatment Planning for Electrochemotherapy and Irreversible Electroporation of Deep-Seated Tumors. <b>2017</b> , 1001-1017	4
170	Cliniporator: Medical Electroporation of Tumors. <b>2017</b> , 927-959	1
169	Preclinical Studies on Electrochemotherapy. <b>2017</b> , 1511-1525	4
168	Treatment of lymph node metastases from gastric cancer with a combination of Irreversible Electroporation and Electrochemotherapy: a case report. <b>2017</b> , 5, 1389-1394	6
167	Demonstration of the Protein Involvement in Cell Electropermeabilization using Confocal Raman Microspectroscopy. <i>Scientific Reports</i> , <b>2017</b> , 7, 40448	23

166	Intratumoral Approaches for the Treatment of Melanoma. <b>2017</b> , 23, 40-47	37
165	Review: electrochemical studies on some metal complexes having anti-cancer activities. <b>2017</b> , 70, 2551-2588	4
164	European Research on Electrochemotherapy in Head and Neck Cancer (EURECA) project: Results from the treatment of mucosal cancers. <b>2017</b> , 87, 172-181	36
163	Effect of electrochemotherapy on human herpesvirus 8 kinetics in classic Kaposi sarcoma. <b>2017</b> , 12, 35	5
162	Mathematical model of tumor volume dynamics in mice treated with electrochemotherapy. <b>2017</b> , 55, 1085-1096	1
161	Effective treatment of intractable cutaneous metastases of breast cancer with electrochemotherapy: Ten-year audit of single centre experience. <b>2017</b> , 161, 289-297	19
160	Uncertainty Quantification in Irreversible Electroporation Simulations. 2017, 4,	3
159	Sine wave electropermeabilization reveals the frequency-dependent response of the biological membranes. <b>2018</b> , 1860, 1022-1034	11
158	Electrochemotherapy with anti-PD-1 treatment induced durable complete response in heavily pretreated metastatic melanoma patient. <b>2018</b> , 29, 190-196	14
157	From Local to Systemic Treatment: Leveraging Antitumor Immunity Following Irreversible Electroporation. <b>2018</b> , 249-270	4
156	History of Electroporation. <b>2018</b> , 13-37	3
155	Transfection of bone marrow derived cells with immunoregulatory proteins. <b>2018</b> , 108, 82-88	3
154	Expressional changes in stemness markers post electrochemotherapy in pancreatic cancer cells. <b>2018</b> , 122, 84-92	4
153	Investigation of the chemical mechanisms involved in the electropulsation of membranes at the molecular level. <b>2018</b> , 119, 76-83	36
152	High frequency electroporation efficiency is under control of membrane capacitive charging and voltage potential relaxation. <b>2018</b> , 119, 92-97	29
151	. 2018,	
150	The DAHANCA 32 study: Electrochemotherapy for recurrent mucosal head and neck cancer. <b>2019</b> , 41, 329-339	5
149	Time-Dependent Finite Element Analysis of In Vivo Electrochemotherapy Treatment. <b>2018</b> , 17, 153303381879	09510

148	Long term effectiveness of electrochemotherapy for the treatment of lower lip squamous cell carcinoma. <b>2018</b> , 46, 1968-1974	4
147	Targeted Ablative Therapies for Prostate Cancer. <b>2018</b> , 175, 15-53	O
146	Computational Feasibility Analysis of Electrochemotherapy With Novel Needle-Electrode Arrays for the Treatment of Invasive Breast Ductal Carcinoma. <b>2018</b> , 17, 1533033818794939	7
145	Electroporation with Cisplatin against Metastatic Pancreatic Cancer: Study on Human Primary Cell Culture. <b>2018</b> , 2018, 7364539	12
144	Electrochemotherapy in the treatment of melanoma. 2018, 22, 8-13	11
143	Electrochemotherapy: a well-accepted palliative treatment by patients with head and neck tumours. <b>2018</b> , 38, 181-187	11
142	Electrochemotherapy as a New Modality in Interventional Oncology: A Review. <b>2018</b> , 17, 1533033818785329	67
141	Noninvasive detection of changes in cells' cytosol conductivity by combining dielectrophoresis with optical tweezers. <b>2018</b> , 1030, 166-171	4
140	Spatio-temporal dynamics of calcium electrotransfer during cell membrane permeabilization. <b>2018</b> , 8, 1152-1161	5
139	Electrochemotherapy in head and neck cancer: A review of an emerging cancer treatment. <b>2018</b> , 16, 3415-3423	11
138	In vitro analysis of various cell lines responses to electroporative electric pulses by means of electrical impedance spectroscopy. <b>2018</b> , 117, 207-216	13
137	The Combined Effect of Aqueous Tulasi Extract and Electrical Pulses on the Viability of HeLa Cells. <b>2019</b> , 1-9	5
136	Local Melanoma Recurrence, Satellitosis, and In-transit Metastasis: Incidence, Outcomes, and Selection of Treatment Options. <b>2019</b> , 1-28	
135	A Critical Review of Electroporation as A Plasmid Delivery System in Mouse Skeletal Muscle.  International Journal of Molecular Sciences, <b>2019</b> , 20,  6.3	27
134	Impact of the number of electric pulses on cell electrochemotherapy in vitro: Limits of linearity and saturation. <b>2019</b> , 129, 218-227	9
133	Electrochemotherapy of superficial tumors - Current status:: Basic principles, operating procedures, shared indications, and emerging applications. <b>2019</b> , 46, 173-191	46
132	Large Liver Blood Vessels and Bile Ducts Are Not Damaged by Electrochemotherapy with Bleomycin in Pigs. <i>Scientific Reports</i> , <b>2019</b> , 9, 3649	27
131	Electrochemotherapy as palliative treatment in patients with advanced head and neck tumours: Outcome analysis in 93 patients treated in a single institution. <b>2019</b> , 92, 77-84	9

### (2020-2019)

130	Long-term follow-up in patients treated with electrochemotherapy for non-melanoma skin cancer in the head and neck area. <b>2019</b> , 139, 195-200		7	
129	Antitumor Response and Immunomodulatory Effects of Sub-Microsecond Irreversible Electroporation and Its Combination with Calcium Electroporation. <i>Cancers</i> , <b>2019</b> , 11,	6.6	13	
128	Industrial Electronics for Biomedicine: A New Cancer Treatment Using Electroporation. <b>2019</b> , 13, 6-18		13	
127	Irreversible Electroporation: Background, Theory, and Review of Recent Developments in Clinical Oncology. <b>2019</b> , 1, 214-234		33	
126	Nanosecond Pulsed Electric Fields Induce Endoplasmic Reticulum Stress Accompanied by Immunogenic Cell Death in Murine Models of Lymphoma and Colorectal Cancer. <i>Cancers</i> , <b>2019</b> , 11,	6.6	22	
125	Recent Advances in Electrochemotherapy. <b>2019</b> , 1, 204-213		21	
124	A Microdosimetric Realistic Model to Study Frequency-Dependent Electroporation in a Cell with Endoplasmic Reticulum. <b>2019</b> ,		2	
123	Influence of the current density in moderate pulsed electric fields on P. putida F1 eradication. <b>2019</b> , 126, 172-179		6	
122	Electric field-responsive nanoparticles and electric fields: physical, chemical, biological mechanisms and therapeutic prospects. <b>2019</b> , 138, 56-67		53	
121	Electrochemotherapy with cisplatin increases survival and induces immunogenic responses in murine models of lung cancer and colorectal cancer. <b>2019</b> , 442, 475-482		13	
120	Electrochemotherapy - A locoregional therapy with well-established palliative effect in patient with large recurrent lesion of head and neck. <b>2019</b> , 47, 41-46		8	
119	Electroporation Ablative Therapy as a Clinical Tool. <b>2019</b> , 179-200			
118	Electrochemotherapy - Emerging applications technical advances, new indications, combined approaches, and multi-institutional collaboration. <b>2019</b> , 45, 92-102		84	
117	Successful Tumor Electrochemotherapy Using Sine Waves. <b>2020</b> , 67, 1040-1049		11	
116	Irreversible electroporation (IRE): a narrative review of the development of IRE from the laboratory to a prostate cancer treatment. <b>2020</b> , 125, 369-378		10	
115	Cyclin B1 knockdown mediated by clinically approved pulsed electric fields siRNA delivery induces tumor regression in murine melanoma. <b>2020</b> , 573, 118732		3	
114	Use of electrochemotherapy in women with vulvar cancer to improve quality-of-life in the palliative setting: a meta-analysis. <b>2020</b> , 30, 107-114		6	
113	Electrochemotherapy for the treatment of primary basal cell carcinoma; A randomised control trial comparing electrochemotherapy and surgery with five year follow up. <b>2020</b> , 46, 847-854		15	

112	Feasibility of Electroacoustic Tomography: A Simulation Study. <b>2020</b> , 67, 889-897		1
111	Boosting the Immune Response with the Combination of Electrochemotherapy and Immunotherapy: A New Weapon for Squamous Cell Carcinoma of the Head and Neck?. <i>Cancers</i> , <b>2020</b> , 12,	6.6	8
110	Bleomycin electrochemotherapy for the management of locally advanced metastatic melanoma: Two notable clinical cases potentially indicating a greater therapeutic role in the era of targeted and immuno-therapy. <b>2020</b> , 26, 43-48		1
109	GaN-Based Versatile Waveform Generator for Biomedical Applications of Electroporation. <b>2020</b> , 8, 97	196-97	203
108	In Vitro Study of Calcium Microsecond Electroporation of Prostate Adenocarcinoma Cells. <i>Molecules</i> , <b>2020</b> , 25,	4.8	5
107	The effect of calcium electroporation on viability, phenotype and function of melanoma conditioned macrophages. <i>Scientific Reports</i> , <b>2020</b> , 10, 20645	4.9	2
106	The First Study of Irreversible Electroporation with Calcium Ions and Chemotherapy in Patients with Locally Advanced Pancreatic Adenocarcinoma. <b>2020</b> , 10, 5163		4
105	Comparison and calibration of different electroporation models. Application to rabbit livers experiments. <b>2020</b> , 67, 242-260		1
104	Electroporation-Based Treatments in Urology. <i>Cancers</i> , <b>2020</b> , 12,	6.6	11
103	Electroporation as the Immunotherapy Strategy for Cancer in Veterinary Medicine: State of the Art in Latin America. <b>2020</b> , 8,		5
102	Correlation between the loss of intracellular molecules and cell viability after cell electroporation. <b>2020</b> , 135, 107550		10
101	Electronic Emulator of Biological Tissue as an Electrical Load during Electroporation. <b>2020</b> , 10, 3103		3
100	Emerging Technologies for Pulmonary Vein Isolation. <b>2020</b> , 127, 170-183		13
99	Electrochemotherapy in the head and neck area: an addition to the treatment armamentarium. <b>2020</b> , 28, 112-117		5
98	To breathe or not to breathe? Hypoxia after pulsed-electric field treatment reduces the effectiveness of electrochemotherapy in vitro. <b>2021</b> , 137, 107636		1
97	Combinatorial effect of radium-223 and irreversible electroporation on prostate cancer bone metastasis in mice. <b>2021</b> , 38, 650-662		O
96	The application of electrochemotherapy in three dogs with inoperable cancers. <b>2021</b> , 61, e9		
95	10Ins PEFs induce a histological response linked to cell death and cytotoxic T-lymphocytes in an immunocompetent mouse model of peritoneal metastasis. <b>2021</b> , 23, 1220-1237		1

### (2016-2021)

94	Electrochemotherapy in Vulvar Cancer and Cisplatin Combined with Electroporation. Systematic Review and In Vitro Studies. <i>Cancers</i> , <b>2021</b> , 13,	3
93	Quality of Life with Vulvar Carcinoma Treated with Palliative Electrochemotherapy: The ELECHTRA (ELEctroCHemoTherapy vulvaR cAncer) Study. <i>Cancers</i> , <b>2021</b> , 13,	3
92	Clinical Applications and Immunological Aspects of Electroporation-Based Therapies. 2021, 9,	0
91	Electrochemotherapy and Other Clinical Applications of Electroporation for the Targeted Therapy of Metastatic Melanoma. <b>2021</b> , 14,	1
90	New developments in rare vulvar and vaginal cancers. <b>2021</b> , 33, 485-492	0
89	Alternative methods for local ablation-interventional pulmonology: a narrative review. <b>2021</b> , 10, 3432-3445	1
88	Electroporation with nanosecond pulses and bleomycin or cisplatin results in efficient cell kill and low metal release from electrodes. <b>2021</b> , 140, 107798	3
87	Biological factors of the tumour response to electrochemotherapy: Review of the evidence and a research roadmap. <b>2021</b> , 47, 1836-1846	6
86	Electrochemotherapy of Deep-Seated Tumors: State of Art and Perspectives as Possible "EPR Effect Enhancer" to Improve Cancer Nanomedicine Efficacy. <i>Cancers</i> , <b>2021</b> , 13,	4
85	New therapeutic strategy: Personalization of pancreatic cancer treatment-irreversible electroporation (IRE), electrochemotherapy (ECT) and calcium electroporation (CaEP) - A pilot preclinical study. <b>2021</b> , 38, 101634	2
84	Quality of Life in Electrochemotherapy for Cutaneous and Mucosal Head and Neck Tumors. <b>2021</b> , 10,	0
83	Electrochemical Processes During High-Voltage Electric Pulses and their Importance in Food Processing Technology. 575-592	6
82	Clinical Applications of Electroporation. <b>1996</b> , 185-199	3
81	Drug Delivery by Electroporation: Review. <b>2013</b> , 567-575	2
80	Electroporation-based gene therapy: recent evolution in the mechanism description and technology developments. <b>2014</b> , 1121, 3-23	24
79	Applications and Control of High Voltage Pulse Delivery for Tumor Therapy and Gene Therapy in vivo. <i>Advances in Electromagnetic Fields in Living Systems</i> , <b>2000</b> , 121-146	2
78	Local Melanoma Recurrence, Satellitosis, and In-transit Metastasis: Incidence, Outcomes, and Selection of Treatment Options. <b>2020</b> , 867-894	3
77	Applications of Permeabilization. <b>2016</b> , 201-263	1

76	Physical Methods of Gene Delivery. <b>2017</b> , 113-135		5
75	Historical Review of Irreversible Electroporation in Medicine. <b>2010</b> , 1-21		10
74	The Place of the Electroporation-Based Antitumor Therapies in the Electrical Armamentarium against Cancer. <b>2010</b> , 223-233		2
73	In situ Ablation of Solid Tumors by Electric Forces and Its Effect on the Tumor Microenvironment and Anti-tumor Immunity. <b>2013</b> , 133-153		1
72	Electroporation Therapy. <b>2014</b> , 269-287		2
71	Spatial compartmentation and time resolution of photooxidation of a cell membrane probe in electropermeabilized Chinese hamster ovary cells. <i>FEBS Journal</i> , <b>1995</b> , 228, 710-8		31
70	Electrochemotherapy of unresectable cutaneous tumours with reduced dosages of intravenous bleomycin: analysis of 57 patients from the International Network for Sharing Practices of Electrochemotherapy registry. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2018</b> , 32, 1147-1154	4.6	32
69	Gene, Oligonucleotide, and Ribozyme Therapy in the Eye. <b>2003</b> , 609-661		1
68	Tumor ablation with irreversible electroporation. <i>PLoS ONE</i> , <b>2007</b> , 2, e1135	3.7	349
67	Temperature modulation of electric fields in biological matter. <i>PLoS ONE</i> , <b>2011</b> , 6, e20877	3.7	10
66	Effect of blood vessel segmentation on the outcome of electroporation-based treatments of liver tumors. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125591	3.7	17
65	Synergistic Combination of Electrolysis and Electroporation for Tissue Ablation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148317	3.7	27
64	Electrochemotherapy in pancreatic adenocarcinoma treatment: pre-clinical and clinical studies. <i>Radiology and Oncology</i> , <b>2016</b> , 50, 14-20	3.8	13
63	On Cancer Electro- and Nano-Chemotherapy. <i>Journal of Cancer Prevention &amp; Current Research</i> , <b>2017</b> , 7,	1.3	1
62	Mechanisms of Nanosecond Pulsed Electric Field (NsPEF)-Induced Cell Death in Cells and Tumors. Journal of Nanomedicine Research, <b>2015</b> , 2,	9	6
61	[Electrochemotherapy of melanoma cutaneous metastases]. Orvosi Hetilap, 2010, 151, 99-101	0.8	2
60	Long term response of electrochemotherapy with reduced dose of bleomycin in elderly patients with head and neck non-melanoma skin cancer. <i>Radiology and Oncology</i> , <b>2020</b> , 54, 79-85	3.8	9
59	Electrochemotherapy in treatment of canine oral malignant melanoma and factors influencing treatment outcome. <i>Radiology and Oncology</i> , <b>2020</b> , 54, 68-78	3.8	11

58	Cell Electropermeabilisation Enhancement by Non-Thermal-Plasma-Treated PBS. Cancers, 2020, 12,	6.6	25
57	Effects and possible anti-tumor immunity of electrochemotherapy with bleomycin on human colon cancer xenografts in nude mice. <i>World Journal of Gastroenterology</i> , <b>2005</b> , 11, 2426-30	5.6	11
56	Recent progress in pulsed electric field ablation for liver cancer. <i>World Journal of Gastroenterology</i> , <b>2020</b> , 26, 3421-3431	5.6	4
55	Electrochemotherapy for the palliative management of non-skin origin head and neck cancer: a case series and UK national survey. <i>Journal of Laryngology and Otology</i> , <b>2021</b> , 1-15	1.8	
54	The Electric Field-Induced Electroconformational Coupling of Cell Membrane Proteins. <i>Advances in Electromagnetic Fields in Living Systems</i> , <b>2000</b> , 147-205		
53	Electrophoretic Component of Electric Pulses Determines the Efficacy of In Vivo DNA Electrotransfer. <i>Human Gene Therapy</i> , <b>2005</b> , 050926062340001	4.8	1
52	Study on Antitumor Effect of Bleomycin by Electrochemotherapy using Electric Pulses on the Squamous Cell Carcinoma. <i>Journal of Hard Tissue Biology</i> , <b>2011</b> , 20, 319-326	0.4	
51	Interventional Oncology. <b>2013</b> , 205-362		
50	Elektrochemotherapie (ECT) bei Lokalrezidiv eines Mammakarzinoms an der Thoraxwand. Fortschritte Der Praktischen Dermatologie Und Venerologie, <b>2013</b> , 614-617		
49	Electrochemotherapy in Dermatological Oncology. <b>2014</b> , 435-443		
49	Electrochemotherapy in Dermatological Oncology. <b>2014</b> , 435-443  Biomedical Applications of Short, Intense Electric Pulses. <b>1999</b> , 33-36		
48	Biomedical Applications of Short, Intense Electric Pulses. <b>1999</b> , 33-36  Electrically Mediated Mammalian Cell Permeabilization to Macromolecules Application to Gene	1.3	
48	Biomedical Applications of Short, Intense Electric Pulses. <b>1999</b> , 33-36  Electrically Mediated Mammalian Cell Permeabilization to Macromolecules Application to Gene Transfer. <b>1999</b> , 931-934  Electrochemotherapy Makes Resectable from unresectable and Pain Reduction in Chest Wall	1.3	
48 47 46	Biomedical Applications of Short, Intense Electric Pulses. 1999, 33-36  Electrically Mediated Mammalian Cell Permeabilization to Macromolecules Application to Gene Transfer. 1999, 931-934  Electrochemotherapy Makes Resectable from unresectable and Pain Reduction in Chest Wall Recurrence Breast Cancer of Two Patients. <i>Journal of Cancer Prevention &amp; Current Research</i> , 2015, 3,	1.3	
48 47 46 45	Biomedical Applications of Short, Intense Electric Pulses. 1999, 33-36  Electrically Mediated Mammalian Cell Permeabilization to Macromolecules Application to Gene Transfer. 1999, 931-934  Electrochemotherapy Makes Resectable from unresectable and Pain Reduction in Chest Wall Recurrence Breast Cancer of Two Patients. <i>Journal of Cancer Prevention &amp; Current Research</i> , 2015, 3, Electrochemotherapy of Cutaneous Metastases. 2016, 1-14	1.3	
48 47 46 45 44	Biomedical Applications of Short, Intense Electric Pulses. 1999, 33-36  Electrically Mediated Mammalian Cell Permeabilization to Macromolecules Application to Gene Transfer. 1999, 931-934  Electrochemotherapy Makes Resectable from unresectable and Pain Reduction in Chest Wall Recurrence Breast Cancer of Two Patients. Journal of Cancer Prevention & Current Research, 2015, 3,  Electrochemotherapy of Cutaneous Metastases. 2016, 1-14  Electrochemotherapy of Head and Neck Cancer. 2016, 1-14	1.3	

Treatment Planning for Electrochemotherapy and Irreversible Electroporation of Deep-Seated Tumors. **2017**, 1-17

39	Combined Treatment of Electrochemotherapy with Irradiation. <b>2017</b> , 1699-1715		
38	Electrochemotherapy of Head and Neck Cancer. <b>2017</b> , 1903-1915		0
37	Electrochemotherapy of Breast Cancer. <b>2017</b> , 863-874		
36	Treating Cancer in Geriatric Pets. 151-263		
35	Combination of electroporation delivered metabolic modulators with low-dose chemotherapy in osteosarcoma. <i>Oncotarget</i> , <b>2018</b> , 9, 31473-31489	3.3	O
34	Computational Study of Parameters of Needle Electrodes for Electrochemotherapy. <i>IFMBE Proceedings</i> , <b>2020</b> , 193-200	0.2	
33	Translation of Cryobiological Techniques to Socially Economically Deprived Populations <b>P</b> art 2: Cryosurgery. <i>Journal of Medical Devices, Transactions of the ASME</i> , <b>2020</b> , 14,	1.3	
32	From Academy to Industry: Translational Research in Biophysics. <b>2007</b> , 10-13		
31	Safety and efficacy of electrochemotherapy in a series of patients with nonmetastasized primary or recurrent anorectal malignant melanoma. <i>Melanoma Research</i> , <b>2021</b> , 31, 76-80	3.3	
30	Electrochemotherapy in Veterinary Oncology. <b>2021</b> , 63-112		О
29	Pulsed electric fields. <b>2022</b> , 71-106		O
28	Electrodes and Electric Field Distribution in Clinical Practice. <b>2021</b> , 21-59		О
27	Vesicular nanocarrier based stimuli-responsive drug delivery systems. <b>2022</b> , 61-86		
26	[Electrochemotherapy in oto-rhino-laryngology in Germany] Laryngo- Rhino- Otologie, 2022,	0.8	
25	Electrical Stimulation for Immune Modulation in Cancer Treatments <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2021</b> , 9, 795300	5.8	2
24	Cytotoxicity of a Cell Culture Medium Treated with a High-Voltage Pulse Using Stainless Steel Electrodes and the Role of Iron Ions <i>Membranes</i> , <b>2022</b> , 12,	3.8	1
23	Diagnosis, Prognosis and Treatment of Canine Cutaneous and Subcutaneous Mast Cell Tumors <i>Cells</i> , <b>2022</b> , 11,	7.9	4

22	Impact of electrochemotherapy in metastatic cutaneous melanoma: a contemporary systematic review and meta-analysis. <i>Acta Oncolgica</i> , <b>2021</b> , 1-12	3.2	1
21	OUP accepted manuscript. Journal of Surgical Case Reports,	0.6	
20	Laser Machined Fiber-Based Microprobe: Application in Microscale Electroporation. <i>Advanced Fiber Materials</i> ,	10.9	0
19	Electroporation, electrochemotherapy and electro-assisted drug delivery in cancer. A state-of-the-art review. <i>Biophysical Chemistry</i> , <b>2022</b> , 106819	3.5	Ο
18	Electroporation and Electrochemotherapy in Gynecological and Breast Cancer Treatment <i>Molecules</i> , <b>2022</b> , 27,	4.8	0
17	Analysis of six stage Marx electroporator circuit based on pulsed parameters. <i>AIP Conference Proceedings</i> , <b>2022</b> ,	0	
16	Muscle contractions and pain sensation accompanying high-frequency electroporation pulses <i>Scientific Reports</i> , <b>2022</b> , 12, 8019	4.9	1
15	ELECTROCHEMOTHERAPY IN THE TREATMENT OF UNRESECTABLE PANCREATIC CANCER. <i>Modern Medical Technologies</i> , <b>2022</b> , 40-45	O	
14	Nanosecond Pulsed Electric Field (nsPEF): Opening the Biotechnological Pandoral Box. <i>International Journal of Molecular Sciences</i> , <b>2022</b> , 23, 6158	6.3	Ο
13	Electrochemotherapy for solid tumors: literature review and presentation of a novel endoscopic approach. <i>Radiology and Oncology</i> , <b>2022</b> ,	3.8	1
12	Electrochemotherapy under analgosedation Case report of a patient with Kaposi's sarcoma.		
11	Induction of Bystander and Abscopal Effects after Electroporation-Based Treatments. <b>2022</b> , 14, 3770		
10	Elektrochemotherapie in Analgosedierung bei eingeschrükt narkoseffligen Patienten. <b>2022</b> , 20, 1383-1	385	0
9	Optimization of Transpedicular Electrode Insertion for Electroporation-Based Treatments of Vertebral Tumors. <b>2022</b> , 14, 5412		0
8	Sinusoidal RF Simulations for Optimized Electroporation Protocols.		0
7	Pulse Parameters and Thresholds for (ir)Reversible Electroporation on Hepatocellular Carcinoma Cells in Vitro. <b>2023</b> , 22, 153303382211366		0
6	Engineering high post-electroporation viabilities and transfection efficiencies for elongated cells on suspended nanofiber networks. <b>2023</b> , 152, 108415		0
5	Bilayer charge asymmetry destabilizes membranes upon poration.		Ο

4	Irreversible Electroporation in Pancreatic Cancer <b>A</b> n Evolving Experimental and Clinical Method. <b>2023</b> , 24, 4381	О
3	Electrochemotherapy as an Effective Alternative in the Treatment of Local Advanced Oral Squamous Cell Carcinoma: A Retrospective Analysis of Treated Cases. <b>2023</b> , 20, 5170	O
2	Diagnosis, Prognosis, and Treatment of Canine Hemangiosarcoma: A Review Based on a Consensus Organized by the Brazilian Association of Veterinary Oncology, ABROVET. <b>2023</b> , 15, 2025	О
1	An Overview of Subnanosecond Pulsed Electric Field Biological Effects: Toward Contactless Technologies for Cancer Treatment.	O