

justin Teissie

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6026946/publications.pdf>

Version: 2024-02-01

363
papers

15,802
citations

17776

65
h-index

25230

113
g-index

373
all docs

373
docs citations

373
times ranked

9771
citing authors

#	ARTICLE	IF	CITATIONS
1	High Power Electromagnetic Waves Exposure of Healthy and Tumor Bearing Mice: Assessment of Effects on Mice Growth, Behavior, Tumor Growth, and Vessel Permeabilization. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8516.	1.8	2
2	Transfer of small interfering RNA by electropermeabilization in tumor spheroids. <i>Bioelectrochemistry</i> , 2021, 141, 107848.	2.4	2
3	A nanosecond pulsed electric field (nsPEF) can affect membrane permeabilization and cellular viability in a 3D spheroids tumor model. <i>Bioelectrochemistry</i> , 2021, 141, 107839.	2.4	9
4	Transdermal Delivery of Macromolecules Using Two-in-One Nanocomposite Device for Skin Electroporation. <i>Pharmaceutics</i> , 2021, 13, 1805.	2.0	8
5	Tumor cells educate mesenchymal stromal cells to release chemoprotective and immunomodulatory factors. <i>Journal of Molecular Cell Biology</i> , 2020, 12, 202-215.	1.5	47
6	Cyclin B1 knockdown mediated by clinically approved pulsed electric fields siRNA delivery induces tumor regression in murine melanoma. <i>International Journal of Pharmaceutics</i> , 2020, 573, 118732.	2.6	3
7	Electric Field Based Therapies in Cancer Treatment. <i>Cancers</i> , 2020, 12, 3420.	1.7	4
8	Anti-Cancer Potential of Two Plasma-Activated Liquids: Implication of Long-Lived Reactive Oxygen and Nitrogen Species. <i>Cancers</i> , 2020, 12, 721.	1.7	43
9	Development of a near infrared protein nanoprobe targeting Thomsen-Friedenreich antigen for intraoperative detection of submillimeter nodules in an ovarian peritoneal carcinomatosis mouse model. <i>Biomaterials</i> , 2020, 241, 119908.	5.7	7
10	Electrotransformation of <i>Saccharomyces cerevisiae</i> . <i>Methods in Molecular Biology</i> , 2020, 2050, 187-193.	0.4	2
11	Electrotransfer of CpG free plasmids enhances gene expression in skin. <i>Bioelectrochemistry</i> , 2019, 130, 107343.	2.4	2
12	Pre-clinical investigation of the synergy effect of interleukin-12 gene-electro-transfer during partially irreversible electropermeabilization against melanoma. , 2019, 7, 161.		19
13	Electroporation-Induced Stress Response and Its Effect on Gene Electrotransfer Efficacy: <i>In Vivo</i> Imaging and Numerical Modeling. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 2671-2683.	2.5	15
14	A protein nanocontainer targeting epithelial cancers: rational engineering, biochemical characterization, drug loading and cell delivery. <i>Nanoscale</i> , 2019, 11, 3248-3260.	2.8	6
15	Increasing Uptake of Silica Nanoparticles with Electroporation: From Cellular Characterization to Potential Applications. <i>Materials</i> , 2019, 12, 179.	1.3	12
16	Pulsed Electric Field Treatment Enhances the Cytotoxicity of Plasma-Activated Liquids in a Three-Dimensional Human Colorectal Cancer Cell Model. <i>Scientific Reports</i> , 2019, 9, 7583.	1.6	37
17	Calcium electroporation: The bioelectrochemical treatment of spontaneous equine skin tumors results in a local necrosis. <i>Bioelectrochemistry</i> , 2019, 129, 251-258.	2.4	14
18	Elucidation of in vitro cellular steps induced by antitumor treatment with plasma-activated medium. <i>Scientific Reports</i> , 2019, 9, 4866.	1.6	40

#	ARTICLE	IF	CITATIONS
19	Magnetic Silica-Coated Iron Oxide Nanochains as Photothermal Agents, Disrupting the Extracellular Matrix, and Eradicating Cancer Cells. <i>Cancers</i> , 2019, 11, 2040.	1.7	25
20	Electric field-responsive nanoparticles and electric fields: physical, chemical, biological mechanisms and therapeutic prospects. <i>Advanced Drug Delivery Reviews</i> , 2019, 138, 56-67.	6.6	113
21	Noninvasive Gene Electrotransfer in Skin. <i>Human Gene Therapy Methods</i> , 2019, 30, 17-22.	2.1	4
22	Increased permeability of blood vessels after reversible electroporation is facilitated by alterations in endothelial cell-to-cell junctions. <i>Journal of Controlled Release</i> , 2018, 276, 30-41.	4.8	41
23	Recommendations and requirements for reporting on applications of electric pulse delivery for electroporation of biological samples. <i>Bioelectrochemistry</i> , 2018, 122, 69-76.	2.4	45
24	Special issue on bacterial inactivation. <i>Bioelectrochemistry</i> , 2018, 123, 260.	2.4	0
25	Control by Low Levels of Calcium of Mammalian Cell Membrane Electroporation. <i>Journal of Membrane Biology</i> , 2018, 251, 221-228.	1.0	21
26	Permeabilizing Phospholipid Bilayers with Non-normal Electric Fields. <i>Journal of Membrane Biology</i> , 2018, 251, 229-236.	1.0	3
27	Cell Membrane Electroporation. , 2018, , 81-89.		0
28	Eradication of Bacteria Via Electroporation. , 2018, , 224-234.		0
29	Safe and efficient novel approach for non-invasive gene electrotransfer to skin. <i>Scientific Reports</i> , 2018, 8, 16833.	1.6	17
30	A journey from the endothelium to the tumor tissue: distinct behavior between PEO-PCL micelles and polymersomes nanocarriers. <i>Drug Delivery</i> , 2018, 25, 1766-1778.	2.5	14
31	In Vivo Evaluation of a New Recombinant Hyaluronidase to Improve Gene Electro-Transfer Protocols for DNA-Based Drug Delivery against Cancer. <i>Cancers</i> , 2018, 10, 405.	1.7	13
32	The Protease-Dependent Mesenchymal Migration of Tumor-Associated Macrophages as a Target in Cancer Immunotherapy. <i>Cancer Immunology Research</i> , 2018, 6, 1337-1351.	1.6	24
33	High power electromagnetic pulse applicators for evaluation of biological effects induced by electromagnetic radiation waves. <i>RSC Advances</i> , 2018, 8, 16319-16329.	1.7	3
34	Spatio-temporal dynamics of calcium electrotransfer during cell membrane permeabilization. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1152-1161.	3.0	9
35	Induced shock waves in PEF (pulsed electric field) treatment. <i>Physics of Life Reviews</i> , 2018, 26-27, 39-42.	1.5	1
36	A new mechanism for efficient hydrocarbon electro-extraction from <i>Botryococcus braunii</i> . <i>Biotechnology for Biofuels</i> , 2017, 10, 39.	6.2	25

#	ARTICLE	IF	CITATIONS
37	Nucleic Acid Electrotransfer in Mammalian Cells: Mechanistic Description. , 2017, , 323-336.		1
38	Mechanistic Description of Membrane Electropermeabilization. , 2017, , 451-472.		2
39	Involvement of Reactive Oxygen Species in Membrane Electropermeabilization. , 2017, , 473-487.		0
40	Critical Electric Field and Transmembrane Voltage for Lipid Pore Formation in Experiments. , 2017, , 25-43.		4
41	Phospholipid Head Group Dipoles and Electropore Formation. , 2017, , 45-59.		0
42	Membrane Permeabilization Lifetime in Experiments. , 2017, , 61-75.		2
43	A Hydrogel/Carbonâ€Nanotube Needleâ€Free Device for Electrostimulated Skin Drug Delivery. ChemPhysChem, 2017, 18, 2715-2723.	1.0	21
44	Environmental Applications, Food and Biomass Processing by Pulsed Electric Fields. , 2017, , 389-476.		9
45	Biological Responses. , 2017, , 155-274.		3
46	Medical Applications. , 2017, , 275-388.		2
47	Involvement of Reactive Oxygen Species in Membrane Electropermeabilization. , 2017, , 1-15.		4
48	How Imaging Membrane and Cell Processes Involved in Electropermeabilization Can Improve Its Development in Cell Biology and in Clinics. Advances in Anatomy, Embryology and Cell Biology, 2017, 227, 107-118.	1.0	1
49	Fluorescence-guided surgery for cancer patients: a proof of concept study on human xenografts in mice and spontaneous tumors in pets. Oncotarget, 2017, 8, 109559-109574.	0.8	11
50	Phospholipid Head Group Dipoles and Electropore Formation. , 2017, , 1-16.		0
51	Membrane Permeabilization Lifetime in Experiments. , 2017, , 1-15.		0
52	Critical Electric Field and Transmembrane Voltage for Lipid Pore Formation in Experiments. , 2017, , 1-19.		0
53	Mechanistic Description of Membrane Electropermeabilization. , 2017, , 1-22.		0
54	Electrochemotherapy guided by intraoperative fluorescence imaging for the treatment of inoperable peritoneal micro-metastases. Journal of Controlled Release, 2016, 233, 81-87.	4.8	12

#	ARTICLE	IF	CITATIONS
55	Energy-efficient biomass processing with pulsed electric fields for bioeconomy and sustainable development. <i>Biotechnology for Biofuels</i> , 2016, 9, 94.	6.2	179
56	Post-pulse addition of trans-cyclohexane-1,2-diol improves electrotransfer mediated gene expression in mammalian cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 287-294.	0.7	4
57	Nucleic Acid Electrotransfer in Mammalian Cells: Mechanistic Description. , 2016, , 1-14.		0
58	Membrane Lipids and Drug Transport. , 2016, , 289-308.		0
59	Recommendations guidelines on the key information to be reported in studies of application of PEF technology in food and biotechnological processes. <i>Innovative Food Science and Emerging Technologies</i> , 2016, 37, 312-321.	2.7	194
60	Operating Procedures of the Electrochemotherapy for Treatment of Tumor in Dogs and Cats. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	20
61	The Use of Pulsed Electric Fields for Protein Extraction from <i>Nanochloropsis</i> and <i>Chlorella</i> . <i>IFMBE Proceedings</i> , 2016, , 405-408.	0.2	2
62	Imaging of Electrotransferred siRNA. <i>Methods in Molecular Biology</i> , 2016, 1372, 89-97.	0.4	0
63	Millisecond duration pulses for flow-through electro-induced protein extraction from <i>E. coli</i> and associated eradication. <i>Bioelectrochemistry</i> , 2015, 103, 82-91.	2.4	25
64	Content Delivery of Lipidic Nanovesicles in Electroporabilized Cells. <i>Journal of Membrane Biology</i> , 2015, 248, 849-855.	1.0	5
65	A Comparative Study on the Effects of Millisecond- and Microsecond-Pulsed Electric Field Treatments on the Permeabilization and Extraction of Pigments from <i>Chlorella vulgaris</i> . <i>Journal of Membrane Biology</i> , 2015, 248, 883-891.	1.0	73
66	<i>E. coli</i> electroeradication on a closed loop circuit by using milli-, micro- and nanosecond pulsed electric fields: Comparison between energy costs. <i>Bioelectrochemistry</i> , 2015, 103, 65-73.	2.4	28
67	Electrochemotherapy of tumors as in situ vaccination boosted by immunogene electrotransfer. <i>Cancer Immunology, Immunotherapy</i> , 2015, 64, 1315-1327.	2.0	134
68	Spectral degree of linear polarization of light from healthy skin and melanoma. <i>Optics Express</i> , 2015, 23, 13605.	1.7	7
69	Electric Destabilization of Supramolecular Lipid Vesicles Subjected to Fast Electric Pulses. <i>Langmuir</i> , 2015, 31, 12215-12222.	1.6	18
70	Versatile Cellular Uptake Mediated by Catanionic Vesicles: Simultaneous Spontaneous Membrane Fusion and Endocytosis. <i>Molecular Pharmaceutics</i> , 2015, 12, 103-110.	2.3	21
71	Targeted electro-delivery of oligonucleotides for RNA interference: siRNA and anti-miR. <i>Advanced Drug Delivery Reviews</i> , 2015, 81, 161-168.	6.6	25
72	Optimization of protein electroextraction from microalgae by a flow process. <i>Bioelectrochemistry</i> , 2015, 103, 74-81.	2.4	70

#	ARTICLE	IF	CITATIONS
73	Neutralizing S1P inhibits intratumoral hypoxia, induces vascular remodelling and sensitizes to chemotherapy in prostate cancer. <i>Oncotarget</i> , 2015, 6, 13803-13821.	0.8	35
74	Abstract 5119: Mechanisms associated with blood flow modifying effects of electric pulses used for electrochemotherapy on normal and tumor blood vessels. , 2015, , .		0
75	A Double-Pulse Approach For Electrotransfection. <i>Journal of Membrane Biology</i> , 2014, 247, 1253-1258.	1.0	5
76	Effect of nanosecond pulsed electric field on <i>Escherichia coli</i> in water: inactivation and impact on protein changes. <i>Journal of Applied Microbiology</i> , 2014, 117, 721-728.	1.4	25
77	siRNA Delivery via Electropulsation: A Review of the Basic Processes. <i>Methods in Molecular Biology</i> , 2014, 1121, 81-98.	0.4	4
78	Evidence that Pulsed Electric Field Treatment Enhances the Cell Wall Porosity of Yeast Cells. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 1540-1552.	1.4	47
79	Bio-Electroporation 2013 " New biotechnological and clinical applications. <i>Bioelectrochemistry</i> , 2014, 100, 1-2.	2.4	1
80	Evidence for electro-induced membrane defects assessed by lateral mobility measurement of a GPI anchored protein. <i>European Biophysics Journal</i> , 2014, 43, 277-286.	1.2	12
81	Shock waves associated with electric pulses affect cell electro-permeabilization. <i>Bioelectrochemistry</i> , 2014, 100, 36-43.	2.4	12
82	Direct Validation of Aptamers as Powerful Tools to Image Solid Tumor. <i>Nucleic Acid Therapeutics</i> , 2014, 24, 217-225.	2.0	15
83	Membrane disorder and phospholipid scrambling in electropermeabilized and viable cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1701-1709.	1.4	31
84	Electropermeabilization of the Cell Membrane. , 2014, , 773-782.		4
85	Electropermeabilization of the Cell Membrane. <i>Methods in Molecular Biology</i> , 2014, 1121, 25-46.	0.4	23
86	Direct Imaging of siRNA Electrotransfer at the Single-Cell Level. <i>Methods in Molecular Biology</i> , 2014, 1121, 121-130.	0.4	2
87	Nanosecond Electric Pulse Effects on Gene Expression. <i>Journal of Membrane Biology</i> , 2013, 246, 851-859.	1.0	39
88	Flow Process for Electroextraction of Total Proteins from Microalgae. <i>Journal of Membrane Biology</i> , 2013, 246, 751-760.	1.0	88
89	Electric Field-Assisted Delivery of Photofrin to Human Breast Carcinoma Cells. <i>Journal of Membrane Biology</i> , 2013, 246, 725-735.	1.0	25
90	Cyanines in photodynamic reaction assisted by reversible electroporation" in vitro study on human breast carcinoma cells. <i>Photodiagnosis and Photodynamic Therapy</i> , 2013, 10, 490-502.	1.3	13

#	ARTICLE	IF	CITATIONS
91	Inactivation of <i>Bacillus subtilis</i> var. <i>niger</i> of both spore and vegetative forms by means of corona discharges applied in water. <i>Water Research</i> , 2013, 47, 1381-1389.	5.3	38
92	Was Zeus responsible for horizontal gene transfer. <i>Physics of Life Reviews</i> , 2013, 10, 371-372.	1.5	1
93	Minicircle DNA electrotransfer for efficient tissue-targeted gene delivery. <i>Gene Therapy</i> , 2013, 20, 62-68.	2.3	62
94	Antitumor drug delivery in multicellular spheroids by electroporation. <i>Journal of Controlled Release</i> , 2013, 167, 138-147.	4.8	67
95	Delivery of RNAi-Based Oligonucleotides by Electroporation. <i>Pharmaceuticals</i> , 2013, 6, 510-521.	1.7	2
96	Nucleic Acids Electro-transfer: From Bench to Bedside. <i>Current Drug Metabolism</i> , 2013, 14, 300-308.	0.7	13
97	LNA-based Oligonucleotide Electrotransfer for miRNA Inhibition. <i>Molecular Therapy</i> , 2012, 20, 1590-1598.	3.7	30
98	Hyaluronidase and Collagenase Increase the Transfection Efficiency of Gene Electrotransfer in Various Murine Tumors. <i>Human Gene Therapy</i> , 2012, 23, 128-137.	1.4	46
99	Muscle gene electrotransfer is increased by the antioxidant tempol in mice. <i>Gene Therapy</i> , 2012, 19, 312-320.	2.3	26
100	New Insights in the Gene Electrotransfer Process: Evidence for the Involvement of the Plasmid DNA Topology. <i>Current Gene Therapy</i> , 2012, 12, 417-422.	0.9	17
101	Successful treatment of equine sarcoids with cisplatin electrochemotherapy: A retrospective study of 48 cases. <i>Equine Veterinary Journal</i> , 2012, 44, 214-220.	0.9	79
102	In Vivo Molecular Imaging and Histological Analysis of Changes Induced by Electric Pulses Used for Plasmid DNA Electrotransfer to the Skin: A Study in a Dorsal Window Chamber in Mice. <i>Journal of Membrane Biology</i> , 2012, 245, 545-554.	1.0	42
103	Electric Field Orientation for Gene Delivery Using High-Voltage and Low-Voltage Pulses. <i>Journal of Membrane Biology</i> , 2012, 245, 661-666.	1.0	13
104	Intravital microscopy at the single vessel level brings new insights of vascular modification mechanisms induced by electroporation. <i>Journal of Controlled Release</i> , 2012, 163, 396-403.	4.8	61
105	Giant lipid vesicles under electric field pulses assessed by non invasive imaging. <i>Bioelectrochemistry</i> , 2012, 87, 253-259.	2.4	32
106	Ovarian ascites-derived Hospicells promote angiogenesis via activation of macrophages. <i>Cancer Letters</i> , 2012, 326, 59-68.	3.2	32
107	Interaction between GUVs and cationic nanocontainers: new insight into spontaneous membrane fusion. <i>Chemical Communications</i> , 2012, 48, 6648.	2.2	9
108	Chemically Modified Oligonucleotide "Increased Stability Negatively Correlates with Its Efficacy Despite Efficient Electrotransfer. <i>Journal of Membrane Biology</i> , 2012, 245, 565-571.	1.0	14

#	ARTICLE	IF	CITATIONS
109	Drug delivery by electropulsation: Recent developments in oncology. International Journal of Pharmaceutics, 2012, 423, 3-6.	2.6	31
110	shRNA-Mediated Gene Knockdown in Skeletal Muscle. Methods in Molecular Biology, 2012, 798, 491-501.	0.4	6
111	Insights into the mechanisms of electromediated gene delivery and application to the loading of giant vesicles with negatively charged macromolecules. Soft Matter, 2011, 7, 3872.	1.2	31
112	Electromediated formation of DNA complexes with cell membranes and its consequences for gene delivery. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 1538-1543.	1.4	79
113	Î±,Î²-D-Constrained Nucleic Acids Are Strong Terminators of Thermostable DNA Polymerases in Polymerase Chain Reaction. PLoS ONE, 2011, 6, e25510.	1.1	9
114	Pre-treatment of cells with pluronic L64 increases DNA transfection mediated by electrotransfer. Journal of Controlled Release, 2011, 149, 117-125.	4.8	13
115	Intraoperative fluorescence imaging of peritoneal dissemination of ovarian carcinomas. A preclinical study. Gynecologic Oncology, 2011, 122, 155-162.	0.6	23
116	Direct visualization at the single-cell level of siRNA electrotransfer into cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10443-10447.	3.3	117
117	A novel antiangiogenic and vascular normalization therapy targeted against human CD160 receptor. Journal of Experimental Medicine, 2011, 208, 973-986.	4.2	46
118	Hospicells (ascites-derived stromal cells) promote tumorigenicity and angiogenesis. International Journal of Cancer, 2010, 126, 2090-2101.	2.3	70
119	Gene Transfer: How Can the Biological Barriers Be Overcome?. Journal of Membrane Biology, 2010, 236, 61-74.	1.0	66
120	Electro-mediated gene transfer and expression are controlled by the lifetime of DNA/membrane complex formation. Journal of Gene Medicine, 2010, 12, 117-125.	1.4	104
121	Caspase-10-Dependent Cell Death in Fas/CD95 Signalling Is Not Abrogated by Caspase Inhibitor zVAD-fmk. PLoS ONE, 2010, 5, e13638.	1.1	16
122	R121 : Électrochimiothérapie et électrognathérapie sur sphéroïdes comme modèles de tumeurs. Bulletin Du Cancer, 2010, 97, S62.	0.6	0
123	R94: Vésicules catanioniques pour la vectorisation de principes actifs anticancéreux : compréhension mécanistique. Bulletin Du Cancer, 2010, 97, S53.	0.6	0
124	R105: Sélection d'aptamères ADN ciblant l'antigène CA125 membranaire : utilisation en imagerie du cancer ovarien. Bulletin Du Cancer, 2010, 97, S57.	0.6	0
125	R110: Électrotransfert de siRNAdans les cellules tumorales in vitro et in vivo chez le petit animal : localisation cellulaire. Bulletin Du Cancer, 2010, 97, S58.	0.6	0
126	R142: Modèle de chambre dorsale pour l'analyse des modifications induites par l'électroperméabilisation sur les vaisseaux sanguins. Bulletin Du Cancer, 2010, 97, S72-S73.	0.6	0

#	ARTICLE	IF	CITATIONS
127	The sphingosine kinase-1 survival pathway is a molecular target for the tumor-suppressive tea and wine polyphenols in prostate cancer. <i>FASEB Journal</i> , 2010, 24, 3882-3894.	0.2	66
128	Fluorescence imaging agents in cancerology. <i>Radiology and Oncology</i> , 2010, 44, 142-8.	0.6	21
129	FTY720 (Fingolimod) Sensitizes Prostate Cancer Cells to Radiotherapy by Inhibition of Sphingosine Kinase-1. <i>Cancer Research</i> , 2010, 70, 8651-8661.	0.4	134
130	Direct assay of electroporation in a 2D pseudo tissue. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14670.	1.3	3
131	Observations of the Mechanisms of Electromediated DNA Uptake - From Vesicles to Tissues. <i>Current Gene Therapy</i> , 2010, 10, 256-266.	0.9	29
132	Double pulse approach of electroporation: a fluorescence analysis of the nucleus perturbation at the single cell level. <i>IEEE Transactions on Dielectrics and Electrical Insulation</i> , 2009, 16, 1267-1272.	1.8	9
133	Non invasive contact electrodes for in vivo localized cutaneous electroporation and associated drug and nucleic acid delivery. <i>Journal of Controlled Release</i> , 2009, 134, 125-131.	4.8	61
134	Transgene expression of transfected supercoiled plasmid DNA concatemers in mammalian cells. <i>Journal of Gene Medicine</i> , 2009, 11, 1071-1073.	1.4	8
135	What is (Still not) Known of the Mechanism by Which Electroporation Mediates Gene Transfer and Expression in Cells and Tissues. <i>Molecular Biotechnology</i> , 2009, 41, 286-295.	1.3	231
136	Gene electrotransfer: from biophysical mechanisms to in vivo applications. <i>Biophysical Reviews</i> , 2009, 1, 185-191.	1.5	2
137	Gene electrotransfer: from biophysical mechanisms to in vivo applications. <i>Biophysical Reviews</i> , 2009, 1, 177-184.	1.5	8
138	Control by pulse parameters of DNA electrotransfer into solid tumors in mice. <i>Gene Therapy</i> , 2009, 16, 635-644.	2.3	59
139	A 3D in vitro spheroid model as a way to study the mechanisms of electroporation. <i>International Journal of Pharmaceutics</i> , 2009, 379, 278-284.	2.6	46
140	Electrodes for in vivo localized subcutaneous electroporation and associated drug and nucleic acid delivery. <i>Expert Opinion on Drug Delivery</i> , 2009, 6, 1323-1331.	2.4	2
141	Double-Pulse Approach of Electrotherapy: An Analysis at the Single Cell Level. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 538-544.	0.6	7
142	Control by Calcium of mammalian cell membrane electroporation. <i>Biophysical Journal</i> , 2009, 96, 361a.	0.2	0
143	Targeted Gene Silencing into Solid Tumors with Electrically Mediated siRNA Delivery. <i>Methods in Molecular Biology</i> , 2009, 555, 15-27.	0.4	11
144	Sphingosine Kinase-1 Is Central to Androgen-Regulated Prostate Cancer Growth and Survival. <i>PLoS ONE</i> , 2009, 4, e8048.	1.1	48

#	ARTICLE	IF	CITATIONS
145	Editorial. Bioelectrochemistry, 2008, 74, 1.	2.4	1
146	In vivo restoration of RhoB expression leads to ovarian tumor regression. Cancer Gene Therapy, 2008, 15, 456-464.	2.2	52
147	Metal swap between Zn7-metlothionein-3 and amyloid- β Cu protects against amyloid- β toxicity. Nature Chemical Biology, 2008, 4, 366-372.	3.9	181
148	Kinetics of Transmembrane Transport of Small Molecules into Electroporated Cells. Biophysical Journal, 2008, 95, 2837-2848.	0.2	160
149	CHEMOSENSITIZING EFFECT OF SPHINGOSINE KINASE-1 INHIBITION IN PROSTATE CANCER CELL AND ANIMAL MODELS. Journal of Urology, 2008, 179, 423-424.	0.2	0
150	Electrochemotherapy in Veterinary Oncology. Journal of Veterinary Internal Medicine, 2008, 22, 826-831.	0.6	107
151	Double pulse approach of electrogenotherapy: an analysis at the single cell level. , 2008, ,		0
152	Efficiency of High- and Low-Voltage Pulse Combinations for Gene Electrotransfer in Muscle, Liver, Tumor, and Skin. Human Gene Therapy, 2008, 19, 1261-1272.	1.4	145
153	Long-lasting <i>In vivo</i> Gene Silencing by Electrotransfer of shRNA Expressing Plasmid. Technology in Cancer Research and Treatment, 2008, 7, 109-116.	0.8	14
154	Chemosensitizing effects of sphingosine kinase-1 inhibition in prostate cancer cell and animal models. Molecular Cancer Therapeutics, 2008, 7, 1836-1845.	1.9	110
155	Time dependence of electric field effects on cell membranes. A review for a critical selection of pulse duration for therapeutical applications. Radiology and Oncology, 2008, 42, .	0.6	41
156	Optical In Vivo Imaging of Electrically Mediated Delivery of siRNA into Muscle for Gene Function Analysis. Methods in Molecular Biology, 2008, 423, 279-287.	0.4	6
157	New anti angiogenesis developments through electro-immunization: Optimization by in vivo optical imaging of intradermal electrogenettransfer. Biochimica Et Biophysica Acta - General Subjects, 2007, 1770, 137-142.	1.1	19
158	Electroporator with automatic change of electric field direction improves gene electrotransfer in-vitro. BioMedical Engineering OnLine, 2007, 6, 25.	1.3	55
159	Long term expression of bicistronic vector driven by the FGF-1 IRES in mouse muscle. BMC Biotechnology, 2007, 7, 74.	1.7	17
160	In vivo gene silencing in solid tumors by targeted electrically mediated siRNA delivery. Gene Therapy, 2007, 14, 752-759.	2.3	94
161	Electropulsation, an biophysical delivery method for therapy. , 2007, , 618-621.		0
162	Electroporabilization of dense cell suspensions. European Biophysics Journal, 2007, 36, 173-185.	1.2	92

#	ARTICLE	IF	CITATIONS
163	Biophysical effects of electric fields on membrane water interfaces: a mini review. <i>European Biophysics Journal</i> , 2007, 36, 967-972.	1.2	16
164	Electrochemotherapy of equids cutaneous tumors: a 57 case retrospective study 1999-2005. , 2007, , 610-613.		4
165	In vivo imaging of siRNA electrotransfer and silencing in different organs. , 2007, , 624-627.		0
166	Equine Cutaneous Tumors Treatment by Electro-chemo-immuno-geno-therapy. , 2007, , 630-630.		2
167	In vivo imaging of tumor growth after electrochemotherapy with cisplatin. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 997-1002.	1.0	17
168	Giant vesicles as an efficient intermediate for 2H NMR analyses of proteoliposomes in water suspension and in oriented lipid bilayers. <i>Comptes Rendus Chimie</i> , 2006, 9, 401-407.	0.2	1
169	Irreversibly electropermeabilized yeast retains the capability for ATP synthesis via oxidative phosphorylation. <i>Bioelectrochemistry</i> , 2006, 68, 27-30.	2.4	2
170	Electrically-Assisted Nucleic Acids Delivery to Tissues In Vivo: Where Do We Stand?. <i>Current Pharmaceutical Design</i> , 2006, 12, 3817-25.	0.9	88
171	Electric Field-Induced Cell Membrane Permeabilization and Gene Transfer: Theory and Experiments. <i>Engineering in Life Sciences</i> , 2005, 5, 179-186.	2.0	22
172	Inhibition of gene expression in mice muscle by in vivo electrically mediated siRNA delivery. <i>Gene Therapy</i> , 2005, 12, 246-251.	2.3	99
173	Sphingosine Kinase-1 as a Chemotherapy Sensor in Prostate Adenocarcinoma Cell and Mouse Models. <i>Cancer Research</i> , 2005, 65, 11667-11675.	0.4	183
174	New insights in the visualization of membrane permeabilization and DNA/membrane interaction of cells submitted to electric pulses. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 248-254.	1.1	53
175	Mechanisms of cell membrane electropermeabilization: A minireview of our present (lack of ?) knowledge. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1724, 270-280.	1.1	496
176	Optical imaging of in vivo gene expression: a critical assessment of the methodology and associated technologies. <i>Gene Therapy</i> , 2004, 11, S85-S91.	2.3	30
177	Flow process for electroextraction of intracellular enzymes from the fission yeast, <i>Schizosaccharomyces pombe</i> . <i>Biotechnology Letters</i> , 2004, 26, 933-937.	1.1	28
178	Osmotically induced membrane tension facilitates the triggering of living cell electropermeabilization. <i>Bioelectrochemistry</i> , 2004, 63, 327-332.	2.4	33
179	Electroinsertion and activation of the C-terminal domain of Colicin A, a voltage gated bacterial toxin, into mammalian cell membranes. <i>Molecular Membrane Biology</i> , 2004, 21, 237-246.	2.0	8
180	Lipid Bilayer Electropermeabilization. , 2004, , 173-203.		1

#	ARTICLE	IF	CITATIONS
181	Cell Membrane Electroporation. , 2004, , 205-235.		2
182	Effect of electric field vectoriality on electrically mediated gene delivery in mammalian cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1665, 92-100.	1.4	86
183	In vitro and in vivo electric field-mediated permeabilization, gene transfer, and expression. <i>Methods</i> , 2004, 33, 126-135.	1.9	92
184	Effect of electric field induced transmembrane potential on spheroidal cells: theory and experiment. <i>European Biophysics Journal</i> , 2003, 32, 519-528.	1.2	197
185	Finite-element modeling of needle electrodes in tissue from the perspective of frequent model computation. <i>IEEE Transactions on Biomedical Engineering</i> , 2003, 50, 1221-1232.	2.5	41
186	High yield electroextraction of proteins from yeast by a flow process. <i>Analytical Biochemistry</i> , 2003, 315, 77-84.	1.1	94
187	Retroactive pathway involving mitochondria in electroloaded cytochrome c-induced apoptosis. <i>Experimental Cell Research</i> , 2003, 289, 195-210.	1.2	46
188	Cell and Animal Imaging of Electrically Mediated Gene Transfer. <i>DNA and Cell Biology</i> , 2003, 22, 777-783.	0.9	38
189	Transmembrane voltage sensor. <i>Membrane Science and Technology</i> , 2003, 7, 847-886.	0.5	2
190	Calcium et cellules électroporeabilisées. <i>Société De Biologie Journal</i> , 2003, 197, 301-310.	0.3	13
191	Factors Controlling Electroporation of Cell Membranes. <i>Technology in Cancer Research and Treatment</i> , 2002, 1, 319-327.	0.8	10
192	Direct visualization at the single-cell level of electrically mediated gene delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 1292-1297.	3.3	379
193	Cell synchronization effect on mammalian cell permeabilization and gene delivery by electric field. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1563, 23-28.	1.4	67
194	Spontaneous lipid vesicle fusion with electroporated cells. <i>FEBS Letters</i> , 2002, 518, 135-138.	1.3	19
195	Elimination of free-living amoebae in fresh water with pulsed electric fields. <i>Water Research</i> , 2002, 36, 3429-3438.	5.3	45
196	In vivo gene expression: combining hydrodynamics-based transfection and electrotransfer. <i>Trends in Biotechnology</i> , 2002, 20, 487-488.	4.9	12
197	Cell Hybridization by Electrofusion on Filters. <i>Analytical Biochemistry</i> , 2002, 302, 213-219.	1.1	14
198	Recent biotechnological developments of electroporation. A prospective review. <i>Bioelectrochemistry</i> , 2002, 55, 107-112.	2.4	74

#	ARTICLE	IF	CITATIONS
199	Electrochemotherapy of horses. A preliminary clinical report. <i>Bioelectrochemistry</i> , 2002, 55, 101-105.	2.4	56
200	Electroinduced release of invertase from <i>Saccharomyces cerevisiae</i> . <i>Biotechnology Letters</i> , 2002, 24, 1853-1856.	1.1	13
201	Electroinduced extraction of β -galactosidase from <i>Kluyveromyces lactis</i> . <i>Applied Microbiology and Biotechnology</i> , 2001, 56, 411-413.	1.7	29
202	Control by membrane order of voltage-induced permeabilization, loading and gene transfer in mammalian cells. <i>Bioelectrochemistry</i> , 2001, 53, 25-34.	2.4	32
203	Fusion and Rupture of Lipid Model Membranes. , 2001, , 265-287.		2
204	Electrochemotherapy of cutaneous metastases in malignant melanoma. <i>Melanoma Research</i> , 2000, 10, 468-474.	0.6	108
205	In Vitro Delivery of Drugs and Other Molecules to Cells. , 2000, 37, 83-97.		5
206	General Principles of Bacteria Electrotransformation: Key Steps. , 2000, , 3-22.		2
207	Electrotransformation of <i>Escherichia coli</i> . , 2000, , 35-41.		0
208	Electrofusion: A biophysical modification of cell membrane and a mechanism in exocytosis. <i>Biochimie</i> , 2000, 82, 511-518.	1.3	30
209	Effect of serum on in vitro electrically mediated gene delivery and expression in mammalian cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1467, 362-368.	1.4	34
210	Tension-voltage relationship in membrane fusion and its implication in exocytosis. <i>FEBS Letters</i> , 2000, 465, 141-144.	1.3	11
211	A Critical Introduction to the Technology of Bacterial Electrotransformation. , 2000, , 23-34.		0
212	N-linked oligosaccharides can protect target cells from the lysis mediated by NK cells but not by cytotoxic T lymphocytes: role of NKG2-A. <i>Tissue Antigens</i> , 1999, 54, 113-121.	1.0	8
213	Chinese hamster ovary cells sensitivity to localized electrical stresses. <i>Bioelectrochemistry</i> , 1999, 48, 17-25.	1.0	59
214	Electropermeabilization of cell membranes. <i>Advanced Drug Delivery Reviews</i> , 1999, 35, 3-19.	6.6	196
215	The generation of reactive-oxygen species associated with long-lasting pulse-induced electropermeabilisation of mammalian cells is based on a non-destructive alteration of the plasma membrane. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999, 1461, 123-134.	1.4	81
216	Control of Lipid Membrane Stability by Cholesterol Content. <i>Biophysical Journal</i> , 1999, 76, 2072-2080.	0.2	192

#	ARTICLE	IF	CITATIONS
217	Time Courses of Mammalian Cell Electroporation Observed by Millisecond Imaging of Membrane Property Changes during the Pulse. <i>Biophysical Journal</i> , 1999, 76, 2158-2165.	0.2	145
218	Flow Cytometry Quantification of Electroporation. , 1998, 91, 141-148.		13
219	Quantification of Xenoprotein Electroinsertion in Mammalian Cells. , 1998, 91, 133-140.		1
220	In vivo electrically mediated protein and gene transfer in murine melanoma. <i>Nature Biotechnology</i> , 1998, 16, 168-171.	9.4	393
221	Direct monitoring of the field strength during electroporation. <i>Bioelectrochemistry</i> , 1998, 47, 119-127.	1.0	10
222	Control by ATP and ADP of voltage-induced mammalian-cell-membrane permeabilization, gene transfer and resulting expression. <i>FEBS Journal</i> , 1998, 254, 382-388.	0.2	66
223	Ascorbate Increases Electrotransformation Efficiency of Intact Maize Cells. <i>Analytical Biochemistry</i> , 1998, 264, 284-286.	1.1	12
224	Fluorescence imaging in the millisecond time range of membrane electroporation of single cells using a rapid ultra-low-light intensifying detection system. <i>European Biophysics Journal</i> , 1998, 27, 291-298.	1.2	21
225	Transfer of foreign receptors to living cell surfaces: the bioelectrochemical approach. <i>Bioelectrochemistry</i> , 1998, 46, 115-120.	1.0	7
226	Mammalian cell electroporation as revealed by millisecond imaging of fluorescence changes of ethidium bromide in interaction with the membrane. <i>Bioelectrochemistry</i> , 1998, 47, 113-118.	1.0	18
227	In vitro and ex vivo electrically mediated permeabilization and gene transfer in murine melanoma. <i>Bioelectrochemistry</i> , 1998, 47, 129-134.	1.0	13
228	Electroporation of Mammalian Cells to Macromolecules: Control by Pulse Duration. <i>Biophysical Journal</i> , 1998, 75, 1415-1423.	0.2	295
229	Electrooptics Studies of <i>Escherichia coli</i> Electroporation: Orientation, Permeabilization, and Gene Transfer. <i>Biophysical Journal</i> , 1998, 75, 2587-2596.	0.2	26
230	Correlation between Electric Field Pulse Induced Long-Lived Permeabilization and Fusogenicity in Cell Membranes. <i>Biophysical Journal</i> , 1998, 74, 1889-1898.	0.2	57
231	Control by Osmotic Pressure of Voltage-Induced Permeabilization and Gene Transfer in Mammalian Cells. <i>Biophysical Journal</i> , 1998, 74, 3015-3022.	0.2	126
232	Effective treatment of cutaneous and subcutaneous malignant tumours by electrochemotherapy. <i>British Journal of Cancer</i> , 1998, 77, 2336-2342.	2.9	414
233	Electroinsertion of Glycophorin A in Interdigitation-Fusion Giant Unilamellar Lipid Vesicles. <i>Journal of Biological Chemistry</i> , 1997, 272, 25524-25530.	1.6	16
234	Direct observation in the millisecond time range of fluorescent molecule asymmetrical interaction with the electroporated cell membrane. <i>Biophysical Journal</i> , 1997, 73, 2630-2637.	0.2	193

#	ARTICLE	IF	CITATIONS
235	Electrotransformation pathways of procaryotic and eucaryotic cells: recent developments. <i>Bioelectrochemistry</i> , 1997, 44, 103-110.	1.0	32
236	Surface Charge Control of Electropermeabilization and Glycophorin Electroinsertion with 1,2-Diacyl-sn-Glycerol-3-Phosphocholine (lecithin) Liposomes. <i>FEBS Journal</i> , 1997, 250, 315-319.	0.2	8
237	Transient and stable electrotransformations of intact black Mexican sweet maize cells are obtained after preplasmolysis. <i>Plant Cell Reports</i> , 1996, 15, 924-928.	2.8	26
238	Proton long-range migration along protein monolayers and its consequences on membrane coupling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 14521-14525.	3.3	44
239	Electropermeabilization of Intact Maize Cells Induces an Oxidative Stress. <i>FEBS Journal</i> , 1996, 238, 737-743.	0.2	56
240	Effects of electrochemotherapy on cutaneous metastases of human malignant melanoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 36, 1285.	0.4	7
241	Lateral proton diffusion. <i>Nature</i> , 1996, 379, 305-306.	13.7	15
242	Transient and stable electrotransformations of intact black Mexican sweet maize cells are obtained after preplasmolysis. <i>Plant Cell Reports</i> , 1996, 15, 924-928.	2.8	3
243	Spatial Compartmentation and Time Resolution of Photooxidation of a Cell Membrane Probe in Electropermeabilized Chinese Hamster Ovary Cells. <i>FEBS Journal</i> , 1995, 228, 710-718.	0.2	8
244	Insertion of Glycophorin A, A Transmembraneous Protein, in Lipid Bilayers can be Mediated by Electropermeabilization. <i>FEBS Journal</i> , 1995, 230, 722-732.	0.2	14
245	Electropermeabilization of peripheral blood phagocytes induces a long-lived cell membrane alteration which does not affect their viability. <i>Bioelectrochemistry</i> , 1995, 38, 129-136.	1.0	4
246	Biomedical applications of electric pulses with special emphasis on antitumor electrochemotherapy. <i>Bioelectrochemistry</i> , 1995, 38, 203-207.	1.0	126
247	Glycophorin A Protects K562 Cells from Natural Killer Cell Attack. <i>Journal of Biological Chemistry</i> , 1995, 270, 26970-26975.	1.6	56
248	Control by electrical parameters of short- and long-term cell death resulting from electropermeabilization of Chinese hamster ovary cells. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1995, 1266, 171-178.	1.9	82
249	Electric field mediated loading of macromolecules in intact yeast cells is critically controlled at the wall level. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1995, 1240, 229-236.	1.4	46
250	Long-Lived Macropinocytosis Takes Place in Electropermeabilized Mammalian Cells. <i>Biochemical and Biophysical Research Communications</i> , 1995, 208, 26-35.	1.0	68
251	Fast Kinetic-Studies of Plasmid DNA Transfer in Intact Yeast Cells Mediated by Electropulsation. <i>Biochemical and Biophysical Research Communications</i> , 1995, 214, 825-832.	1.0	24
252	Introduction of Specific Carbohydrates into <i>Eucalyptus gunnii</i> Cells Increases their Freezing Tolerance. <i>FEBS Journal</i> , 1995, 229, 710-717.	0.2	15

#	ARTICLE	IF	CITATIONS
253	Spatial Compartmentation and Time Resolution of Photooxidation of a Cell Membrane Probe in Electropermeabilized Chinese Hamster Ovary Cells. <i>FEBS Journal</i> , 1995, 228, 710-718.	0.2	31
254	Introduction of Specific Carbohydrates into <i>Eucalyptus gunnii</i> Cells Increases their Freezing Tolerance. <i>FEBS Journal</i> , 1995, 229, 710-717.	0.2	32
255	Insertion of glycophorin A, a transmembraneous protein, in lipid bilayers can be mediated by electropermeabilization. <i>FEBS Journal</i> , 1995, 230, 722-32.	0.2	1
256	Temperature effects on electrotransfection of mammalian cells. <i>Nucleic Acids Research</i> , 1994, 22, 540-540.	6.5	68
257	The main transition of dipalmitoylphosphatidylcholine monolayers: A liquid expanded to solid condensed high order transformation. <i>Biophysical Chemistry</i> , 1994, 49, 153-162.	1.5	18
258	Influence of glucose and other substrates on electric field and polyethylene glycol-mediated transformation of intact yeast cells. <i>FEMS Microbiology Letters</i> , 1994, 121, 159-164.	0.7	3
259	Electropermeabilization mediates a stable insertion of glycophorin A with Chinese hamster ovary cell membranes. <i>FEBS Journal</i> , 1994, 219, 1031-1039.	0.2	17
260	Generation of reactive-oxygen species induced by electropermeabilization of Chinese hamster ovary cells and their consequence on cell viability. <i>FEBS Journal</i> , 1994, 223, 25-33.	0.2	137
261	Manipulation of Cell Cytoskeleton Affects the Lifetime of Cell Membrane Electropermeabilization. <i>Annals of the New York Academy of Sciences</i> , 1994, 720, 98-110.	1.8	74
262	Control by pulse parameters of electric field-mediated gene transfer in mammalian cells. <i>Biophysical Journal</i> , 1994, 66, 524-531.	0.2	214
263	Ca ²⁺ -Dependent Activation of Phospholipases C and D from Mouse Peritoneal Macrophages by a Selective Trigger of Ca ²⁺ Influx, ¹³ C-Hexachlorocyclohexane. <i>Biochemical and Biophysical Research Communications</i> , 1994, 199, 699-705.	1.0	21
264	Proton lateral conduction along a lipid monolayer spread on a physiological subphase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1994, 1186, 172-176.	0.5	13
265	Pulse-first heterofusion of cells by electric field pulses and associated loading of macromolecules into mammalian cells. <i>BioTechniques</i> , 1994, 17, 762-4, 766-9.	0.8	7
266	Exogenous uptake and release of molecules by electroloaded cells: A digitized videomicroscopy study. <i>Bioelectrochemistry</i> , 1993, 31, 237-257.	1.0	22
267	Definition of a duration threshold in the first step for energy transduction by <i>Escherichia coli</i> by use of a microsecond electric field pulse. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1993, 1144, 391-395.	0.5	0
268	Electric field-mediated glycophorin insertion in cell membrane is a localized event. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1151, 105-109.	1.4	18
269	Lateral communication by fast proton conduction: a model membrane study. <i>Trends in Biochemical Sciences</i> , 1993, 18, 243-246.	3.7	23
270	Mixed monolayers of phosphatidylethanolamine and (laurylamido)-N,N'-dimethylpropylamine oxide at the air/water interface. Lateral proton conduction along a mixed structure of conducting and nonconducting entities. <i>Journal of the American Chemical Society</i> , 1993, 115, 10153-10157.	6.6	5

#	ARTICLE	IF	CITATIONS
271	An experimental evaluation of the critical potential difference inducing cell membrane electropermeabilization. <i>Biophysical Journal</i> , 1993, 65, 409-413.	0.2	331
272	Interfacial Membrane Alteration Associated with Electropermeabilization and Electrofusion. , 1992, , 139-153.		1
273	In vivo targeting of inflamed areas by electroloaded neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 860-866.	1.0	14
274	Experimental evidence for the involvement of the cytoskeleton in mammalian cell electropermeabilization. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1992, 1111, 45-50.	1.4	86
275	Electrostimulation of plant protoplast division. <i>Bioelectrochemistry</i> , 1992, 29, 59-70.	1.0	6
276	Lateral proton conduction along lipid monolayers spread at the air-water interface. <i>Thin Solid Films</i> , 1992, 210-211, 713-715.	0.8	1
277	Highly efficient transfection of mammalian cells by electric field pulses. Application to large volumes of cell culture by using a flow system. <i>FEBS Journal</i> , 1992, 206, 115-121.	0.2	51
278	Fast kinetics studies of <i>Escherichia coli</i> electrotransformation. <i>FEBS Journal</i> , 1992, 209, 431-436.	0.2	53
279	Time Course of Electropermeabilization. , 1992, , 285-301.		9
280	Interfacial Membrane Alteration Associated with Electropermeabilization and Electrofusion. , 1992, , 139-153.		1
281	Large Volume Cell Electropermeabilization and Electrofusion by a Flow Process. , 1992, , 449-466.		2
282	Removal of N-linked oligosaccharides of presumptive ectoderm impairs neural induction in <i>Pleurodeles waltl</i> . <i>Mechanisms of Development</i> , 1991, 33, 201-213.	1.7	0
283	Lateral proton conduction in mixed monolayers of phosphatidylethanolamine and cetyltrimethylammonium bromide. <i>Biochemistry</i> , 1991, 30, 9359-9364.	1.2	12
284	Proton lateral conduction along lipid monolayers is present only in the liquid-expanded state. <i>Journal of the American Chemical Society</i> , 1991, 113, 8818-8821.	6.6	15
285	Optimized conditions for electrotransformation of bacteria are related to the extent of electropermeabilization. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1088, 135-138.	2.4	30
286	Evidence for cytoskeleton implication in cell electropermeabilization and electrofusion. <i>AIP Conference Proceedings</i> , 1991, , .	0.3	0
287	Localization of peptide growth factors in the nucleus. <i>Methods in Enzymology</i> , 1991, 198, 480-494.	0.4	8
288	Electric field-induced hybridomas: Targeting by immunological and physical methods. <i>Bioelectrochemistry</i> , 1991, 25, 295-306.	1.0	0

#	ARTICLE	IF	CITATIONS
289	Electric field-induced hybridomas: targeting by immunological and physical methods. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 320, 295-306.	0.3	0
290	Surface pressure and fluorescence study of ribulose-1,5-bisphosphate carboxylase/oxygenase adsorption at an air/buffer interface. <i>Journal of Colloid and Interface Science</i> , 1991, 143, 111-119.	5.0	5
291	Relationship between protoplast size and critical field strength in protoplast electropulsing and application to reliable DNA uptake in Brassica. <i>Plant Cell Reports</i> , 1991, 10, 139-43.	2.8	12
292	Transient foreign gene expression in polyethylene/glycol treated or electropulsated Eucalyptus gunnii protoplasts. <i>Plant Cell, Tissue and Organ Culture</i> , 1991, 25, 125-132.	1.2	17
293	High Efficiency Transformation of Intact Yeast Cells by Electric Field Pulses. <i>Nature Biotechnology</i> , 1990, 8, 223-227.	9.4	119
294	Ionization of phospholipids and phospholipid-supported interfacial lateral diffusion of protons in membrane model systems. <i>BBA - Biomembranes</i> , 1990, 1031, 111-142.	7.9	322
295	Implications of membrane interface structural forces in electropermeabilization and electrofusion. <i>Bioelectrochemistry</i> , 1990, 24, 101-111.	1.0	16
296	Implications of membrane interface structural forces in electropermeabilization and electrofusion. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1990, 299, 101-111.	0.3	2
297	Interaction of <i>N</i> -phenyl-1-naphthylamine with phospholipid monolayers: a fluorescence investigation. <i>Biochemistry and Cell Biology</i> , 1990, 68, 574-578.	0.9	1
298	External electric fields stimulate the electrogenic calcium/sodium exchange in plant protoplasts. <i>Biochemistry</i> , 1990, 29, 8313-8318.	1.2	36
299	Lateral proton conduction in monolayers of phospholipids from extreme halophiles. <i>Biochemistry</i> , 1990, 29, 59-65.	1.2	46
300	Control of electric field induced cell membrane permeabilization by membrane order. <i>Biochemistry</i> , 1990, 29, 2960-2966.	1.2	90
301	Electropermeabilization of mammalian cells. Quantitative analysis of the phenomenon. <i>Biophysical Journal</i> , 1990, 58, 1089-1098.	0.2	367
302	Modulation of electrically induced permeabilization and fusion of Chinese hamster ovary cells by osmotic pressure. <i>Biochemistry</i> , 1990, 29, 4561-4567.	1.2	63
303	Specific electropermeabilization of leucocytes in a blood sample and application to large volumes of cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1028, 154-160.	1.4	67
304	Induction of a long-lived fusogenic state in viable plant protoplasts permeabilized by electric fields. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1990, 1024, 203-207.	1.4	21
305	The in-Vivo Approach: Cell Imaging. , 1990, , 149-160.		1
306	Ionic-strength modulation of electrically induced permeabilization and associated fusion of mammalian cells. <i>FEBS Journal</i> , 1989, 179, 109-115.	0.2	106

#	ARTICLE	IF	CITATIONS
307	The liquid condensed diffusional transition of dipalmitoylphosphoglycerocholine in monolayers. <i>Biophysical Chemistry</i> , 1989, 33, 63-70.	1.5	11
308	Cytoskeletal reorganization during electric-field-induced fusion of Chinese hamster ovary cells grown in monolayers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 981, 295-302.	1.4	38
309	Signal transduction by membrane receptors in viable electropermeabilized cells: isoproterenol-stimulated cyclic AMP synthesis in C6 glioma cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1989, 984, 243-251.	1.4	6
310	Electric-field-induced permeabilization and fusion of embryonic amphibian cells. <i>Experimental Cell Research</i> , 1989, 184, 207-218.	1.2	6
311	Lateral proton conduction along a lipid-water interface layer: a molecular mechanism for the role of hydration water molecules. <i>Biochimie</i> , 1989, 71, 33-36.	1.3	6
312	Electrofusion of large volumes of cells in culture. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 253, 59-66.	0.3	2
313	Continuous Flow Electroporation. <i>Nature Biotechnology</i> , 1988, 6, 598-598.	9.4	1
314	Effects of electric fields and currents on living cells and their potential use in biotechnology: A survey. <i>Bioelectrochemistry</i> , 1988, 20, 133-142.	1.0	19
315	Electrofusion of large volumes of cells in culture. <i>Bioelectrochemistry</i> , 1988, 19, 49-57.	1.0	9
316	Electrofusion of large volumes of cells in culture. <i>Bioelectrochemistry</i> , 1988, 19, 59-66.	1.0	16
317	Effects of electric fields and currents on living cells and their potential use in biotechnology: a survey. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 254, 133-142.	0.3	0
318	Electrofusion of large volumes of cells in culture. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 253, 49-57.	0.3	0
319	More on fusing plant protoplasts. <i>Trends in Biotechnology</i> , 1988, 6, 269-270.	4.9	0
320	Phosphorus-31 NMR analysis of membrane phospholipid organization in viable, reversibly electropermeabilized Chinese hamster ovary cells. <i>Biochemistry</i> , 1988, 27, 1222-1228.	1.2	122
321	Reversible plasma membrane ultrastructural changes correlated with electropermeabilization in Chinese hamster ovary cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 247-259.	1.4	84
322	Use of a fluorescein derivative of phosphatidylethanolamine as a pH probe at water/lipid interfaces. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 939, 289-294.	1.4	19
323	Interaction between a growth-hormone releasing hexapeptide and phospholipids spread as monolayers at the air/water interface. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1988, 944, 516-520.	1.4	3
324	Electropermeabilization and Electrofusion of Cells. , 1988, , 251-268.		5

#	ARTICLE	IF	CITATIONS
325	Basic fibroblast growth factor enters the nucleolus and stimulates the transcription of ribosomal genes in ABAE cells undergoing G0→G1 transition.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 6770-6774.	3.3	417
326	Mixed phospholipid-cardiotoxin monomolecular films studied by intrinsic polarized surface fluorescence. Biochemical and Biophysical Research Communications, 1987, 143, 506-511.	1.0	11
327	Polar head molecular packing of dipalmitoylglycerophosphocholine in the gel state: a fluorescence investigation. Biochemistry, 1987, 26, 840-846.	1.2	9
328	Lateral diffusion of protons along phospholipid monolayers. Journal of Membrane Biology, 1987, 99, 225-227.	1.0	18
329	Photodimerization and lateral diffusion of 12-(9-anthroyloxy) stearic acid in dipalmitoylphosphoglycerocholine monolayers. Journal of Colloid and Interface Science, 1987, 116, 532-540.	5.0	8
330	Rotational and translational mobilities in phospholipid monolayers at the air/water interface. Journal of Colloid and Interface Science, 1987, 120, 283-285.	5.0	2
331	Electric-field-induced morphological alterations and fusion of hepatocytes. Bioelectrochemistry, 1987, 17, 9-15.	1.0	11
332	Lateral proton conduction at a lipid/water interface. Effect of lipid nature and ionic content of the aqueous phase. FEBS Journal, 1987, 162, 379-385.	0.2	58
333	Fusion of mammalian cells in culture is obtained by creating the contact between cells after their electropermeabilization. Biochemical and Biophysical Research Communications, 1986, 140, 258-266.	1.0	133
334	Viable somatic hybrids are obtained by direct current electrofusion of chemically aggregated plant protoplasts. FEBS Letters, 1986, 196, 79-86.	1.3	27
335	Adenosine 5'-triphosphate synthesis in Escherichia coli submitted to a microsecond electric pulse. Biochemistry, 1986, 25, 368-373.	1.2	40
336	Lateral proton conduction at lipid-water interfaces and its implications for the chemiosmotic-coupling hypothesis. Nature, 1986, 322, 756-758.	13.7	154
337	Metabolic incorporation of 9-(2-anthryl)-nonanoic acid, a new fluorescent and photoactivable probe, into the membrane lipids of Chinese hamster ovary cells. FEBS Journal, 1986, 154, 171-177.	0.2	22
338	Evidence for conduction of protons along the interface between water and a polar lipid monolayer.. Proceedings of the National Academy of Sciences of the United States of America, 1985, 82, 3217-3221.	3.3	130
339	Ionic modulation of electrically induced fusion of mammalian cells. Journal of Membrane Biology, 1985, 86, 247-253.	1.0	52
340	Lateral proton conduction at a lipid/water interface. Its modulation by physical parameters. Experimental and mathematical approaches. FEBS Journal, 1985, 149, 663-668.	0.2	44
341	Electric field mediated transformation: Isolation and characterization of a TK+ subclone. Biochemical and Biophysical Research Communications, 1985, 129, 611-618.	1.0	58
342	Electrofusion of Chinese hamster ovary cells after ethanol incubation. Biochimica Et Biophysica Acta - Biomembranes, 1985, 820, 58-62.	1.4	8

#	ARTICLE	IF	CITATIONS
343	Lateral diffusion in phospholipid monolayers at the air/water interface: A study of fluorescence recovery after photodimerization. <i>Colloids and Surfaces</i> , 1984, 10, 249-256.	0.9	0
344	A study of the structure and dynamics of complexes between polymyxin B and phosphatidylglycerol in monolayers by fluorescence. <i>FEBS Journal</i> , 1984, 142, 113-119.	0.2	18
345	Electrofusion. <i>Experimental Cell Research</i> , 1984, 150, 477-482.	1.2	62
346	Electrofusion of spermine-treated plant protoplasts. <i>FEBS Letters</i> , 1984, 173, 331-336.	1.3	39
347	Direct experimental evidence of the vectorial character of the interaction between electric pulses and cells in cell electrofusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1984, 775, 446-448.	1.4	37
348	Induction of calcium-dependent, localized cortical granule breakdown in sea-urchin eggs by voltage pulsation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1983, 763, 346-355.	1.9	54
349	Electric pulse-induced fusion of 3T3 cells in monolayer culture. <i>Science</i> , 1982, 216, 537-538.	6.0	146
350	Electric field induced transient pores in phospholipid bilayer vesicles. <i>Biochemistry</i> , 1981, 20, 1548-1554.	1.2	300
351	Interaction of cytochrome c with phospholipid monolayers. Orientation and penetration of protein as functions of the packing density of film, nature of the phospholipids, and ionic content of the aqueous phase. <i>Biochemistry</i> , 1981, 20, 1554-1560.	1.2	59
352	Synthesis of adenosine triphosphate in respiration-inhibited submitochondrial particles induced by microsecond electric pulses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1981, 78, 7473-7477.	3.3	82
353	Evidence of voltage-induced channel opening in Na/K ATPase of human erythrocyte membrane. <i>Journal of Membrane Biology</i> , 1980, 55, 133-140.	1.0	119
354	A fluorescence study with polarised incident light of the compression of phospholipid monolayers spread at the air/water interface: orientation processes in the glycerol region. <i>Chemistry and Physics of Lipids</i> , 1979, 25, 357-368.	1.5	17
355	Fluorescence studies of 1,8-anilinonaphthalene sulfonate binding to lecithin monolayers spread at the air/water interface: Effects of the compression state of the film and of the ionic content of the subphase. <i>Journal of Colloid and Interface Science</i> , 1979, 70, 90-96.	5.0	8
356	Fluorescence temperature jump relaxations of dansylphosphatidylethanolamine in aqueous dispersions of dipalmitoylphosphatidylcholine during the gel to liquid-crystal transition. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1979, 555, 553-557.	1.4	15
357	A Fluorescence Approach of the Determination of Translational Diffusion Coefficients of Lipids in Phospholipid Monolayer at the Air-Water Interface. <i>FEBS Journal</i> , 1978, 83, 77-85.	0.2	52
358	4- <i>n</i> -Pentadecyl-7- <i>n</i> -hydroxycoumarin as a Probe for the Structure of the Lipid-Water Interface Comparative Studies with Lipid Monolayers, Black Lipid Membranes and Lipid Microvesicles. <i>Zeitschrift Fur Elektrotechnik Und Elektrochemie</i> , 1978, 82, 875-876.	0.9	10
359	A fluorescence study of the binding of cytochrome C to mixed-phospholipid microvesicles: Evidence for a preferred orientation of the bound protein. <i>Biochimie</i> , 1977, 59, 693-703.	1.3	11
360	Phase transitions in phospholipid monolayers at the air-water interface: A fluorescence study. <i>FEBS Letters</i> , 1976, 70, 123-126.	1.3	22

#	ARTICLE	IF	CITATIONS
361	The Use of Fluorescent Probes for Studying the Interaction of Proteins with Black Lipid Membranes. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1975, 30, 147-151.	0.6	8
362	Description of an apparatus for the simultaneous measurement of changes in the components of polarized fluorescence emitted by membranes. Journal of Physics E: Scientific Instruments, 1975, 8, 700-704.	0.7	6
363	Electrically Mediated Gene Delivery : Basic and Translational Concepts. , 0, , .		2