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List of Publications by Year
in descending order

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Version: 2024-02-01

47 papers	2,976 citations	430874 18 h-index	223800 46 g-index
47 all docs	47 docs citations	47 times ranked	3795 citing authors

#	Article	IF	Citations
1	Effects of Time Delay Between Unipolar Pulses in High Frequency Nano-Electrochemotherapy. IEEE Transactions on Biomedical Engineering, 2022, 69, 1726-1732.	4.2	12
2	Bioluminescent calcium mediated detection of nanosecond electroporation: Grasping the differences between 100Âns and 100ÂÂµs pulses. Bioelectrochemistry, 2022, 145, 108084.	4.6	1
3	Transfection by Electroporation of Cancer and Primary Cells Using Nanosecond and Microsecond Electric Fields. Pharmaceutics, 2022, 14, 1239.	4.5	8
4	The Impact of Extracellular Ca2+ and Nanosecond Electric Pulses on Sensitive and Drug-Resistant Human Breast and Colon Cancer Cells. Cancers, 2021, 13, 3216.	3.7	11
5	Dielectrophoretic Manipulation of Cell Transfection Efficiency During Electroporation Using a Center Needle Electrode. Applied Sciences (Switzerland), 2021, 11, 7015.	2.5	2
6	Predicting electrotransfer in ultra-high frequency sub-microsecond square wave electric fields. Electromagnetic Biology and Medicine, 2020, 39, 1-8.	1.4	10
7	Effects of pulsed electric fields and mild thermal treatment on antimicrobial efficacy of nisin-loaded pectin nanoparticles for food preservation. LWT - Food Science and Technology, 2020, 120, 108915.	5.2	19
8	Bioluminescence as a sensitive electroporation indicator in sub-microsecond and microsecond range of electrical pulses. Journal of Photochemistry and Photobiology B: Biology, 2020, 213, 112066.	3.8	6
9	Electrochemotherapy Using Doxorubicin and Nanosecond Electric Field Pulses: A Pilot in Vivo Study. Molecules, 2020, 25, 4601.	3.8	17
10	Sub-microsecond electrotransfection using new modality of high frequency electroporation. Bioelectrochemistry, 2020, 136, 107594.	4.6	8
11	Microtubules control cellular shape and coherence in amoeboid migrating cells. Journal of Cell Biology, 2020, 219, .	5.2	70
12	sICAM-1 as potential additional parameter in the discrimination of the SjÃ¶gren syndrome and non-autoimmune sicca syndrome: a pilot study. Clinical Rheumatology, 2019, 38, 2803-2809.	2.2	6
13	Nanosecond duration pulsed electric field together with formic acid triggers caspase-dependent apoptosis in pathogenic yeasts. Bioelectrochemistry, 2019, 128, 148-154.	4.6	5
14	Low concentrations of acetic and formic acids enhance the inactivation of Staphylococcus aureus and Pseudomonas aeruginosa with pulsed electric fields. BMC Microbiology, 2019, 19, 73.	3.3	18
15	Antitumor Response and Immunomodulatory Effects of Sub-Microsecond Irreversible Electroporation and Its Combination with Calcium Electroporation. Cancers, 2019, 11, 1763.	3.7	24
16	Application of pulsed electric fields for the elimination of highly drug-resistant Candida grown under modelled microgravity conditions. International Journal of Astrobiology, 2019, 18, 405-411.	1.6	1
17	Different permeabilization patterns of splenocytes and thymocytes to combination of pulsed electric and magnetic field treatments. Bioelectrochemistry, 2018, 122, 183-190.	4.6	6
18	Pulsed electric field-assisted sensitization of multidrug-resistant Candida albicans to antifungal drugs. Future Microbiology, 2018, 13, 535-546.	2.0	22

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19	Membrane Permeabilization of Pathogenic Yeast in Alternating Sub-microsecond Electromagnetic Fields in Combination with Conventional Electroporation. Journal of Membrane Biology, 2018, 251, 189-195.	2.1	17
20	Inactivation of Escherichia coli Using Nanosecond Electric Fields and Nisin Nanoparticles: A Kinetics Study. Frontiers in Microbiology, 2018, 9, 3006.	3.5	18
21	Non-invasive nanosecond electroporation for biocontrol of surface infections: an in vivo study. Scientific Reports, 2018, 8, 14516.	3.3	19
22	Intratumoral Accumulation and Clonal Expansion May Not Be Decisive for Rejection of Allogeneic Tumors by CD8+ T-Lymphocytes. Anticancer Research, 2018, 38, 4481-4484.	1.1	0
23	Induction of Different Sensitization Patterns of MRSA to Antibiotics Using Electroporation. Molecules, 2018, 23, 1799.	3.8	11
24	Parvovirus B19 infection modulates the levels of cytokines in the plasma of rheumatoid arthritis patients. Cytokine, 2017, 96, 41-48.	3.2	12
25	Reversible Permeabilization of Cancer Cells by High Sub-Microsecond Magnetic Field. IEEE Transactions on Magnetics, 2017, 53, 1-4.	2.1	14
26	Increased Numbers of CD4+CD25+ and CD8+CD25+ T-Cells in Peripheral Blood of Patients with Rheumatoid Arthritis with Parvovirus B19 Infection. In Vivo, 2017, 31, 181-186.	1.3	4
27	A degradation fragment of type X collagen is a real-time marker for bone growth velocity. Science Translational Medicine, 2017, 9, .	12.4	41
28	Activation of Tryptophan and Phenylalanine Catabolism in the Remission Phase of Allergic Contact Dermatitis: A Pilot Study. International Archives of Allergy and Immunology, 2016, 170, 262-268.	2.1	7
29	Measurement of Transient Permeability of Sp2/0 Myeloma Cells: Flow Cytometric Study. Measurement Science Review, 2016, 16, 300-304.	1.0	13
30	Frequency and significance of parvovirus B19 infection in patients with rheumatoid arthritis. Journal of General Virology, 2016, 97, 3302-3312.	2.9	24
31	Serum Biomarkers of Allergic Contact Dermatitis: A Pilot Study. International Archives of Allergy and Immunology, 2015, 168, 161-164.	2.1	11
32	Melatonin inhibits granulocyte adhesion to ICAM via MT3/QR2 and MT2 receptors. International Immunology, 2015, 27, 599-608.	4.0	15
33	Phenotypic Switching of Candida guilliermondii is Associated with Pseudohyphae Formation and Antifungal Resistance. Mycopathologia, 2015, 179, 205-211.	3.1	6
34	Formic Acid and Acetic Acid Induce a Programmed Cell Death in Pathogenic Candida Species. Current Microbiology, 2014, 69, 303-310.	2.2	34
35	Regulation of T-cell-independent and T-cell-dependent antibody production by circadian rhythm and melatonin. International Immunology, 2010, 22, 25-34.	4.0	37
36	Apoptotic cells selectively suppress the Th1 cytokine interferon Î³ in stimulated human peripheral blood mononuclear cells and shift the Th1/Th2 balance towards Th2. Autoimmunity, 2007, 40, 327-330.	2.6	19

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37	BOB.1/OBF.1 controls the balance of TH1 and TH2 immune responses. EMBO Journal, 2007, 26, 3191-3202.	7.8	48
38	Involvement of phosphatidylserine, Î±vÎ²3, CD14, CD36, and complement C1q in the phagocytosis of primary necrotic lymphocytes by macrophages. Arthritis and Rheumatism, 2006, 54, 927-938.	6.7	82
39	The Lsc RhoGEF mediates signaling from thromboxane A2 to actin polymerization and apoptosis in thymocytes. European Journal of Immunology, 2005, 35, 1977-1986.	2.9	28
40	The Sphingosine-1-Phosphate (S1P) Lysophospholipid Receptor S1P3 Regulates MAdCAM-1+ Endothelial Cells in Splenic Marginal Sinus Organization. Journal of Experimental Medicine, 2004, 200, 1491-1501.	8.5	73
41	Compensation between Vav-1 and Vav-2 in B cell development and antigen receptor signaling. Nature Immunology, 2001, 2, 548-555.	14.5	156
42	Lsc is required for marginal zone B cells, regulation of lymphocyte motility and immune responses. Nature Immunology, 2001, 2, 855-862.	14.5	155
43	The Second Messenger Binding Site of Inositol 1,4,5-Trisphosphate 3-Kinase Is Centered in the Catalytic Domain and Related to the Inositol Trisphosphate Receptor Site. Journal of Biological Chemistry, 2000, 275, 1557-1564.	3.4	25
44	Characterization of Human Type X Procollagen and Its NC-1 Domain Expressed as Recombinant Proteins in HEK293 Cells. Journal of Biological Chemistry, 1998, 273, 4547-4555.	3.4	59
45	Immunosuppressive effects of apoptotic cells. Nature, 1997, 390, 350-351.	27.8	1,664
46	Histone-specific Th0 and Th1 clones derived from systemic lupus erythematosus patients induce double-stranded DNA antibody production. Arthritis and Rheumatism, 1997, 40, 2162-2171.	6.7	136
47	Immunochemical Study of Human Immunoglobulin G Fc Region. Cancer Biotherapy and Radiopharmaceuticals, 1996, 11, 87-96.	1.0	2