

# Irute Girkontaite

## List of Publications by Year in descending order

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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	Immunosuppressive effects of apoptotic cells. <i>Nature</i> , 1997, 390, 350-351.	27.8	1,664
2	Compensation between Vav-1 and Vav-2 in B cell development and antigen receptor signaling. <i>Nature Immunology</i> , 2001, 2, 548-555.	14.5	156
3	Lsc is required for marginal zone B cells, regulation of lymphocyte motility and immune responses. <i>Nature Immunology</i> , 2001, 2, 855-862.	14.5	155
4	Histone-specific Th0 and Th1 clones derived from systemic lupus erythematosus patients induce double-stranded DNA antibody production. <i>Arthritis and Rheumatism</i> , 1997, 40, 2162-2171.	6.7	136
5	Involvement of phosphatidylserine, $\beta$ 2, CD14, CD36, and complement C1q in the phagocytosis of primary necrotic lymphocytes by macrophages. <i>Arthritis and Rheumatism</i> , 2006, 54, 927-938.	6.7	82
6	The Sphingosine-1-Phosphate (S1P) Lysophospholipid Receptor S1P3 Regulates MAdCAM-1+ Endothelial Cells in Splenic Marginal Sinus Organization. <i>Journal of Experimental Medicine</i> , 2004, 200, 1491-1501.	8.5	73
7	Microtubules control cellular shape and coherence in amoeboid migrating cells. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	70
8	Characterization of Human Type X Procollagen and Its NC-1 Domain Expressed as Recombinant Proteins in HEK293 Cells. <i>Journal of Biological Chemistry</i> , 1998, 273, 4547-4555.	3.4	59
9	BOB.1/OBF.1 controls the balance of TH1 and TH2 immune responses. <i>EMBO Journal</i> , 2007, 26, 3191-3202.	7.8	48
10	A degradation fragment of type X collagen is a real-time marker for bone growth velocity. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	41
11	Regulation of T-cell-independent and T-cell-dependent antibody production by circadian rhythm and melatonin. <i>International Immunology</i> , 2010, 22, 25-34.	4.0	37
12	Formic Acid and Acetic Acid Induce a Programmed Cell Death in Pathogenic Candida Species. <i>Current Microbiology</i> , 2014, 69, 303-310.	2.2	34
13	The Lsc RhoGEF mediates signaling from thromboxane A2 to actin polymerization and apoptosis in thymocytes. <i>European Journal of Immunology</i> , 2005, 35, 1977-1986.	2.9	28
14	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. <i>Journal of Biological Chemistry</i> , 2000, 275, 1557-1564.	3.4	25
15	Antitumor Response and Immunomodulatory Effects of Sub-Microsecond Irreversible Electroporation and Its Combination with Calcium Electroporation. <i>Cancers</i> , 2019, 11, 1763.	3.7	24
16	Frequency and significance of parvovirus B19 infection in patients with rheumatoid arthritis. <i>Journal of General Virology</i> , 2016, 97, 3302-3312.	2.9	24
17	Pulsed electric field-assisted sensitization of multidrug-resistant <i>Candida albicans</i> to antifungal drugs. <i>Future Microbiology</i> , 2018, 13, 535-546.	2.0	22
18	Apoptotic cells selectively suppress the Th1 cytokine interferon $\gamma$ in stimulated human peripheral blood mononuclear cells and shift the Th1/Th2 balance towards Th2. <i>Autoimmunity</i> , 2007, 40, 327-330.	2.6	19

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19	Non-invasive nanosecond electroporation for biocontrol of surface infections: an in vivo study. <i>Scientific Reports</i> , 2018, 8, 14516.	3.3	19
20	Effects of pulsed electric fields and mild thermal treatment on antimicrobial efficacy of nisin-loaded pectin nanoparticles for food preservation. <i>LWT - Food Science and Technology</i> , 2020, 120, 108915.	5.2	19
21	Inactivation of <i>Escherichia coli</i> Using Nanosecond Electric Fields and Nisin Nanoparticles: A Kinetics Study. <i>Frontiers in Microbiology</i> , 2018, 9, 3006.	3.5	18
22	Low concentrations of acetic and formic acids enhance the inactivation of <i>Staphylococcus aureus</i> and <i>Pseudomonas aeruginosa</i> with pulsed electric fields. <i>BMC Microbiology</i> , 2019, 19, 73.	3.3	18
23	Membrane Permeabilization of Pathogenic Yeast in Alternating Sub-microsecond Electromagnetic Fields in Combination with Conventional Electroporation. <i>Journal of Membrane Biology</i> , 2018, 251, 189-195.	2.1	17
24	Electrochemotherapy Using Doxorubicin and Nanosecond Electric Field Pulses: A Pilot in Vivo Study. <i>Molecules</i> , 2020, 25, 4601.	3.8	17
25	Melatonin inhibits granulocyte adhesion to ICAM via MT3/QR2 and MT2 receptors. <i>International Immunology</i> , 2015, 27, 599-608.	4.0	15
26	Reversible Permeabilization of Cancer Cells by High Sub-Microsecond Magnetic Field. <i>IEEE Transactions on Magnetics</i> , 2017, 53, 1-4.	2.1	14
27	Measurement of Transient Permeability of Sp2/0 Myeloma Cells: Flow Cytometric Study. <i>Measurement Science Review</i> , 2016, 16, 300-304.	1.0	13
28	Parvovirus B19 infection modulates the levels of cytokines in the plasma of rheumatoid arthritis patients. <i>Cytokine</i> , 2017, 96, 41-48.	3.2	12
29	Effects of Time Delay Between Unipolar Pulses in High Frequency Nano-Electrochemotherapy. <i>IEEE Transactions on Biomedical Engineering</i> , 2022, 69, 1726-1732.	4.2	12
30	Serum Biomarkers of Allergic Contact Dermatitis: A Pilot Study. <i>International Archives of Allergy and Immunology</i> , 2015, 168, 161-164.	2.1	11
31	Induction of Different Sensitization Patterns of MRSA to Antibiotics Using Electroporation. <i>Molecules</i> , 2018, 23, 1799.	3.8	11
32	The Impact of Extracellular Ca <sup>2+</sup> and Nanosecond Electric Pulses on Sensitive and Drug-Resistant Human Breast and Colon Cancer Cells. <i>Cancers</i> , 2021, 13, 3216.	3.7	11
33	Predicting electrotransfer in ultra-high frequency sub-microsecond square wave electric fields. <i>Electromagnetic Biology and Medicine</i> , 2020, 39, 1-8.	1.4	10
34	Sub-microsecond electrotransfection using new modality of high frequency electroporation. <i>Bioelectrochemistry</i> , 2020, 136, 107594.	4.6	8
35	Transfection by Electroporation of Cancer and Primary Cells Using Nanosecond and Microsecond Electric Fields. <i>Pharmaceutics</i> , 2022, 14, 1239.	4.5	8
36	Activation of Tryptophan and Phenylalanine Catabolism in the Remission Phase of Allergic Contact Dermatitis: A Pilot Study. <i>International Archives of Allergy and Immunology</i> , 2016, 170, 262-268.	2.1	7

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37	Phenotypic Switching of <i>Candida guilliermondii</i> is Associated with Pseudohyphae Formation and Antifungal Resistance. <i>Mycopathologia</i> , 2015, 179, 205-211.	3.1	6
38	Different permeabilization patterns of splenocytes and thymocytes to combination of pulsed electric and magnetic field treatments. <i>Bioelectrochemistry</i> , 2018, 122, 183-190.	4.6	6
39	sICAM-1 as potential additional parameter in the discrimination of the Sjögren syndrome and non-autoimmune sicca syndrome: a pilot study. <i>Clinical Rheumatology</i> , 2019, 38, 2803-2809.	2.2	6
40	Bioluminescence as a sensitive electroporation indicator in sub-microsecond and microsecond range of electrical pulses. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 213, 112066.	3.8	6
41	Nanosecond duration pulsed electric field together with formic acid triggers caspase-dependent apoptosis in pathogenic yeasts. <i>Bioelectrochemistry</i> , 2019, 128, 148-154.	4.6	5
42	Increased Numbers of CD4+CD25+ and CD8+CD25+ T-Cells in Peripheral Blood of Patients with Rheumatoid Arthritis with Parvovirus B19 Infection. <i>In Vivo</i> , 2017, 31, 181-186.	1.3	4
43	Immunochemical Study of Human Immunoglobulin G Fc Region. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 1996, 11, 87-96.	1.0	2
44	Dielectrophoretic Manipulation of Cell Transfection Efficiency During Electroporation Using a Center Needle Electrode. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7015.	2.5	2
45	Application of pulsed electric fields for the elimination of highly drug-resistant <i>Candida</i> grown under modelled microgravity conditions. <i>International Journal of Astrobiology</i> , 2019, 18, 405-411.	1.6	1
46	Bioluminescent calcium mediated detection of nanosecond electroporation: Grasping the differences between 100 ns and 100 μs pulses. <i>Bioelectrochemistry</i> , 2022, 145, 108084.	4.6	1
47	Intratumoral Accumulation and Clonal Expansion May Not Be Decisive for Rejection of Allogeneic Tumors by CD8+ T-Lymphocytes. <i>Anticancer Research</i> , 2018, 38, 4481-4484.	1.1	0