

# Gary Friedman

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

4,155  
citations

516710

16  
h-index

610901

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solution-Processed Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Antennas for Radio-Frequency Communication. <i>Advanced Materials</i> , 2021, 33, e2003225.	21.0	109
2	Non-thermal atmospheric plasma treatment of onychomycosis in an in vitro human nail model. <i>Mycoses</i> , 2020, 63, 225-232.	4.0	11
3	Beyond Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> : MXenes for Electromagnetic Interference Shielding. <i>ACS Nano</i> , 2020, 14, 5008-5016.	14.6	489
4	Perfusion double-channel micropipette probes for oxygen flux mapping with single-cell resolution. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 850-860.	2.8	1
5	Respirometric reserve capacity of cumulus cell mitochondria correlates with oocyte maturity. <i>Journal of Assisted Reproduction and Genetics</i> , 2018, 35, 1821-1830.	2.5	6
6	Mitochondria-Mediated Anticancer Effects of Non-Thermal Atmospheric Plasma. <i>PLoS ONE</i> , 2016, 11, e0156818.	2.5	22
7	Hysteresis Can Grant Fitness in Stochastically Varying Environment. <i>PLoS ONE</i> , 2014, 9, e103241.	2.5	16
8	Platinized carbon nanoelectrodes as potentiometric and amperometric SECM probes. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 2971-2977.	2.5	37
9	Nanoprobes for intracellular and single cell surface-enhanced Raman spectroscopy (SERS). <i>Journal of Raman Spectroscopy</i> , 2012, 43, 817-827.	2.5	64
10	Effects of Deposition Conditions on the Structure and Chemical Properties of Carbon Nanopipettes. <i>Chemical Vapor Deposition</i> , 2009, 15, 204-208.	1.3	21
11	Heating Effect of Dielectric Barrier Discharges for Direct Medical Treatment. <i>IEEE Transactions on Plasma Science</i> , 2009, 37, 113-120.	1.3	48
12	Applied Plasma Medicine. <i>Plasma Processes and Polymers</i> , 2008, 5, 503-533.	3.0	1,790
13	Toxicity of non-thermal plasma Treatment of endothelial cells. , 2008, , .		3
14	Toxicity of non-thermal dielectric barrier discharge plasma treatment of endothelial cells. , 2008, , .		1
15	Magnetostatic interactions between carbon nanotubes filled with magnetic nanoparticles. <i>Applied Physics Letters</i> , 2008, 92, 233117.	3.3	43
16	Comment on "The swimming of animalcules" [Phys. Fluids 18, 063101 (2006)]. <i>Physics of Fluids</i> , 2007, 19, 079101.	4.0	5
17	Mechanism of Blood Coagulation by Nonthermal Atmospheric Pressure Dielectric Barrier Discharge Plasma. <i>IEEE Transactions on Plasma Science</i> , 2007, 35, 1559-1566.	1.3	270
18	Comparison of Direct and Indirect Effects of Non-Thermal Atmospheric-Pressure Plasma on Bacteria. <i>Plasma Processes and Polymers</i> , 2007, 4, 370-375.	3.0	487

#	ARTICLE	IF	CITATIONS
19	Estimation of Exchange Coupling Distribution in All-Ferromagnetic Bilayers. IEEE Transactions on Magnetics, 2007, 43, 2953-2955.	2.1	0
20	Floating Electrode Dielectric Barrier Discharge Plasma in Air Promoting Apoptotic Behavior in Melanoma Skin Cancer Cell Lines. Plasma Chemistry and Plasma Processing, 2007, 27, 163-176.	2.4	533
21	Mechanism of Blood Coagulation by Non-Thermal Atmospheric Pressure Dielectric Barrier Discharge Plasma.. Blood, 2007, 110, 3162-3162.	1.4	3
22	Use of Non-Thermal Atmospheric Pressure Plasma Discharge for Coagulation and Sterilization of Surface Wounds. IEEE International Conference on Plasma Science, 2005, , .	0.0	23
23	NMR spiral surface microcoils: Design, fabrication, and imaging. Concepts in Magnetic Resonance, 2003, 17B, 1-10.	1.3	49