

Gary Friedman

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

4,155
citations

516561

16
h-index

610775

24
g-index

27
all docs

27
docs citations

27
times ranked

3665
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Applied Plasma Medicine. Plasma Processes and Polymers, 2008, 5, 503-533. | 1.6 | 1,790 |
| 2 | 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. | 1.1 | 533 |
| 3 | Beyond Ti ₃ C ₂ T _x : MXenes for Electromagnetic Interference Shielding. ACS Nano, 2020, 14, 5008-5016. | 7.3 | 489 |
| 4 | Comparison of Direct and Indirect Effects of Non-Thermal Atmospheric-Pressure Plasma on Bacteria. Plasma Processes and Polymers, 2007, 4, 370-375. | 1.6 | 487 |
| 5 | Mechanism of Blood Coagulation by Nonthermal Atmospheric Pressure Dielectric Barrier Discharge Plasma. IEEE Transactions on Plasma Science, 2007, 35, 1559-1566. | 0.6 | 270 |
| 6 | Solution-Processed Ti ₃ C ₂ T _x MXene Antennas for Radio-Frequency Communication. Advanced Materials, 2021, 33, e2003225. | 11.1 | 109 |
| 7 | Nanoprobes for intracellular and single cell surface-enhanced Raman spectroscopy (SERS). Journal of Raman Spectroscopy, 2012, 43, 817-827. | 1.2 | 64 |
| 8 | NMR spiral surface microcoils: Design, fabrication, and imaging. Concepts in Magnetic Resonance, 2003, 17B, 1-10. | 1.3 | 49 |
| 9 | Heating Effect of Dielectric Barrier Discharges for Direct Medical Treatment. IEEE Transactions on Plasma Science, 2009, 37, 113-120. | 0.6 | 48 |
| 10 | Magnetostatic interactions between carbon nanotubes filled with magnetic nanoparticles. Applied Physics Letters, 2008, 92, 233117. | 1.5 | 43 |
| 11 | Platinized carbon nanoelectrodes as potentiometric and amperometric SECM probes. Journal of Solid State Electrochemistry, 2013, 17, 2971-2977. | 1.2 | 37 |
| 12 | 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 |
| 13 | Mitochondria-Mediated Anticancer Effects of Non-Thermal Atmospheric Plasma. PLoS ONE, 2016, 11, e0156818. | 1.1 | 22 |
| 14 | Effects of Deposition Conditions on the Structure and Chemical Properties of Carbon Nanopipettes. Chemical Vapor Deposition, 2009, 15, 204-208. | 1.4 | 21 |
| 15 | Hysteresis Can Grant Fitness in Stochastically Varying Environment. PLoS ONE, 2014, 9, e103241. | 1.1 | 16 |
| 16 | Non-thermal atmospheric plasma treatment of onychomycosis in an in vitro human nail model. Mycoses, 2020, 63, 225-232. | 1.8 | 11 |
| 17 | Respirometric reserve capacity of cumulus cell mitochondria correlates with oocyte maturity. Journal of Assisted Reproduction and Genetics, 2018, 35, 1821-1830. | 1.2 | 6 |
| 18 | Comment on "The swimming of animalcules" [Phys. Fluids 18, 063101 (2006)]. Physics of Fluids, 2007, 19, 079101. | 1.6 | 5 |

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|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Toxicity of non-thermal plasma Treatment of endothelial cells. , 2008, , . | | 3 |
| 20 | Mechanism of Blood Coagulation by Non-Thermal Atmospheric Pressure Dielectric Barrier Discharge Plasma.. Blood, 2007, 110, 3162-3162. | 0.6 | 3 |
| 21 | Toxicity of non-thermal dielectric barrier discharge plasma treatment of endothelial cells. , 2008, , . | | 1 |
| 22 | Perfusion double-channel micropipette probes for oxygen flux mapping with single-cell resolution. Beilstein Journal of Nanotechnology, 2018, 9, 850-860. | 1.5 | 1 |
| 23 | Estimation of Exchange Coupling Distribution in All-Ferromagnetic Bilayers. IEEE Transactions on Magnetics, 2007, 43, 2953-2955. | 1.2 | 0 |