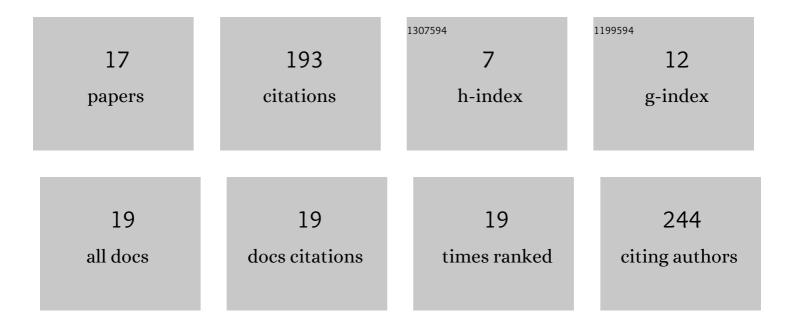
Ernesto Criado-Hidalgo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1958103/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Mechanistic study on the ionization of trace gases by an electrospray plume. International Journal of Mass Spectrometry, 2012, 313, 21-29.	1.5	49
2	On the bulk motion of the cerebrospinal fluid in the spinal canal. Journal of Fluid Mechanics, 2018, 841, 203-227.	3.4	40
3	Mass and Charge Distribution Analysis in Negative Electrosprays of Large Polyethylene Glycol Chains by Ion Mobility Mass Spectrometry. Analytical Chemistry, 2013, 85, 2710-2716.	6.5	29
4	Elucidating the Biomechanics of Leukocyte Transendothelial Migration by Quantitative Imaging. Frontiers in Cell and Developmental Biology, 2021, 9, 635263.	3.7	17
5	Measurements of Plasma Properties Using Fast Sweep Langmuir Probes in Unmagnetized Weakly Ionized Plasmas. Contributions To Plasma Physics, 2010, 50, 819-823.	1.1	14
6	Subject-Specific Studies of CSF Bulk Flow Patterns in the Spinal Canal: Implications for the Dispersion of Solute Particles in Intrathecal Drug Delivery. American Journal of Neuroradiology, 2019, 40, 1242-1249.	2.4	13
7	Quantifying the mechanics of locomotion of the schistosome pathogen with respect to changes in its physical environment. Journal of the Royal Society Interface, 2019, 16, 20180675.	3.4	13
8	Characterization of the Ion Beam Neutralization of Plasma Thrusters Using Collecting and Emissive Langmuir Probes. Contributions To Plasma Physics, 2013, 53, 57-62.	1.1	4
9	Strain Accumulation Visco-Elastic Ventriculomegaly Hypothesis for the Onset of Idiopathic Normal Pressure Hydrocephalus (iNPH). Biophysical Journal, 2020, 118, 452a.	0.5	4
10	Vacuum exhausted isolation locker (VEIL) to reduce inpatient droplet/aerosol transmission during COVID-19 pandemic. Infection Control and Hospital Epidemiology, 2021, , 1-10.	1.8	4
11	Transmantle Pressure Computed from MR Imaging Measurements of Aqueduct Flow and Dimensions. American Journal of Neuroradiology, 2021, 42, 1815-1821.	2.4	3
12	Biomechanical interactions of Schistosoma mansoni eggs with vascular endothelial cells facilitate egg extravasation. PLoS Pathogens, 2022, 18, e1010309.	4.7	3
13	Validation of a Novel Experimental and Computational Methodology to Measure Intercellular Forces during Tissue Morphogenesis. Biophysical Journal, 2016, 110, 309a.	0.5	0
14	Experimental and Computational Methodologies to Measure Intercellular Forces during Tissue Development. Biophysical Journal, 2017, 112, 270a.	0.5	0
15	Biomechanics of JAM-C-Mediated Neutrophil Reverse Transendothelial Migration. Biophysical Journal, 2020, 118, 282a.	0.5	0
16	A Capillary Controlled Hydrogel Microchannel for Isotropic Compressive Stress Quantification. Biophysical Journal, 2020, 118, 601a.	0.5	0
17	Fabricating biocompatible polyacrylamide microbeads for cell-generated mechanical force quantification via photoinitiated polymerization. Biophysical Journal, 2022, 121, 418a.	0.5	0