

# Aurelio Arenas-Della Vecchia

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

26

papers

101

citations

6

h-index

9

g-index

29

ext. papers

125

ext. citations

2.6

avg, IF

2.3

L-index

#	Paper	IF	Citations
26	Properties of nanowires in air. <i>Surface Science</i> , <b>1998</b> , 418, 493-501	1.8	16
25	Streaming potential and surface charge density of microporous membranes with pore diameter in the range of thickness. <i>Journal of Membrane Science</i> , <b>1999</b> , 163, 239-255	9.6	16
24	On the thermal performance of flat and cavity receivers for a parabolic dish concentrator and low/medium temperatures. <i>Solar Energy</i> , <b>2020</b> , 199, 911-923	6.8	13
23	The use of a Nintendo Wii remote control in physics experiments. <i>European Journal of Physics</i> , <b>2013</b> , 34, 1277-1286	0.8	9
22	Application of Light-Emitting Diodes and Photodiodes Coupled to Optic Fibers To Study the Dependence of Liquid Viscosity on Temperature. <i>Journal of Chemical Education</i> , <b>2004</b> , 81, 1333	2.4	6
21	Silkworm Gut Fiber of <i>Bombyx mori</i> as an Implantable and Biocompatible Light-Diffusing Fiber. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	6
20	Use of pressure transducers in laboratory experiments. II. Experimental verification of the HagenPoiseuille law. Application to viscosity measurement. Electrical analogy. <i>American Journal of Physics</i> , <b>1996</b> , 64, 322-326	0.7	5
19	Stable nanowire in macroscopic metallic contacts in air. <i>Surface Science</i> , <b>1997</b> , 372, L315-L318	1.8	4
18	Validity and Reliability of a New Optoelectronic System for Measuring Active Range of Motion of Upper Limb Joints in Asymptomatic and Symptomatic Subjects. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 8,	5.1	3
17	Inexpensive device for measurements with ion-selective and pH electrodes. <i>Analytica Chimica Acta</i> , <b>1990</b> , 229, 153-155	6.6	3
16	Head Motion Elicited by Viewing Affective Pictures as Measured by a New LED-Based Technique. <i>Multisensory Research</i> , <b>2019</b> , 1-14	1.9	3
15	Reset control of an industrial in-line pH process <b>2009</b> ,		2
14	Characterization of a Membrane System. Complex Character of the Permeability from an Electrical Model. <i>Journal of Physical Chemistry B</i> , <b>1997</b> , 101, 10323-10331	3.4	2
13	Automatic system for directly measuring the dynamic viscosity of liquids. <i>Review of Scientific Instruments</i> , <b>2003</b> , 74, 1397-1399	1.7	2
12	A time-integration-based measurement circuit for a soap bubble flowmeter using optical fibre sensors. <i>Measurement Science and Technology</i> , <b>1995</b> , 6, 435-436	2	2
11	Use of pressure transducers in laboratory experiments. I. Experimental verification of the fundamental equation of fluid statics. Application to density measurements. <i>American Journal of Physics</i> , <b>1996</b> , 64, 317-321	0.7	2
10	Dynamic characterization of a windmill radiometer. <i>European Journal of Physics</i> , <b>1996</b> , 17, 331-336	0.8	1

9	Measuring the surface tension of a liquid-gas interface by automatic stalagmometer. <i>Review of Scientific Instruments</i> , <b>2000</b> , 71, 2481-2486	1.7	1
8	FORMAL VALIDATION AND VERIFICATION OF ATOMIC RESOLUTION MICROSCOPE CONTROL AND TOPOGRAPHY. <i>Cybernetics and Systems</i> , <b>2001</b> , 32, 851-870	1.9	1
7	Angular velocity control for a windmill radiometer. <i>IEEE Transactions on Education</i> , <b>1999</b> , 42, 147-152	2.1	1
6	Hardware for measuring flow through microporous membranes. <i>Review of Scientific Instruments</i> , <b>1995</b> , 66, 5343-5347	1.7	1
5	Design and characterization of a digital control system for the flow through a microporous membrane. <i>Review of Scientific Instruments</i> , <b>1996</b> , 67, 4179-4184	1.7	1
4	A digital circuit for measuring small flows. <i>American Journal of Physics</i> , <b>1989</b> , 57, 1153-1154	0.7	1
3	Application of pressure sensors to the measurement of small liquid mass flows. <i>Measurement Science and Technology</i> , <b>1996</b> , 7, 107-109	2	
2	Automatic flowmeter based on filling time. <i>Physics Education</i> , <b>1992</b> , 27, 333-334	0.8	
1	Digital angle determiner. <i>Physics Education</i> , <b>1990</b> , 25, 359-360	0.8	