

Rene Fabregas

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.

17
papers

573
citations

8
h-index

17
g-index

17
ext. papers

781
ext. citations

8.3
avg, IF

3.76
L-index

#	Paper	IF	Citations
17	Anomalously low dielectric constant of confined water. <i>Science</i> , 2018 , 360, 1339-1342	33.3	397
16	Nanoscale Electric Permittivity of Single Bacterial Cells at Gigahertz Frequencies by Scanning Microwave Microscopy. <i>ACS Nano</i> , 2016 , 10, 280-8	16.7	55
15	Charge-polarized interfacial superlattices in marginally twisted hexagonal boron nitride. <i>Nature Communications</i> , 2021 , 12, 347	17.4	33
14	Internal Hydration Properties of Single Bacterial Endospores Probed by Electrostatic Force Microscopy. <i>ACS Nano</i> , 2016 , 10, 11327-11336	16.7	18
13	Nanoscale dielectric microscopy of non-planar samples by lift-mode electrostatic force microscopy. <i>Nanotechnology</i> , 2016 , 27, 405706	3.4	15
12	Direct mapping of the electric permittivity of heterogeneous non-planar thin films at gigahertz frequencies by scanning microwave microscopy. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 3884-3893	3.6	11
11	Dielectric constant of flagellin proteins measured by scanning dielectric microscopy. <i>Nanoscale</i> , 2018 , 10, 19188-19194	7.7	10
10	Mapping the dielectric constant of a single bacterial cell at the nanoscale with scanning dielectric force volume microscopy. <i>Nanoscale</i> , 2019 , 11, 20809-20819	7.7	9
9	Dielectric nanotomography based on electrostatic force microscopy: A numerical analysis. <i>Journal of Applied Physics</i> , 2020 , 127, 024301	2.5	5
8	A mathematical model for the progression of dental caries. <i>Mathematical Medicine and Biology</i> , 2014 , 31, 319-37	1.3	5
7	Sizing single nanoscale objects from polarization forces. <i>Scientific Reports</i> , 2019 , 9, 14142	4.9	4
6	On the initial propagation of dental caries. <i>Journal of the Royal Society Interface</i> , 2014 , 11, 20140809	4.1	4
5	Depth mapping of metallic nanowire polymer nanocomposites by scanning dielectric microscopy. <i>Nanoscale</i> , 2021 , 13, 10116-10126	7.7	4
4	Full-wave modeling of broadband near field scanning microwave microscopy. <i>Scientific Reports</i> , 2017 , 7, 16064	4.9	3
3	On the single and multiple associations of COVID-19 post-acute sequelae: 6-month prospective cohort study.. <i>Scientific Reports</i> , 2022 , 12, 3402	4.9	0
2	Electrical properties of outer membrane extensions from MR-1. <i>Nanoscale</i> , 2021 , 13, 18754-18762	7.7	
1	Spatial Resolution and Capacitive Coupling in the Characterization of Nanowire Nanocomposites by Scanning Dielectric Microscopy. <i>Microscopy and Microanalysis</i> , 2021 , 27, 1026-1034	0.5	

