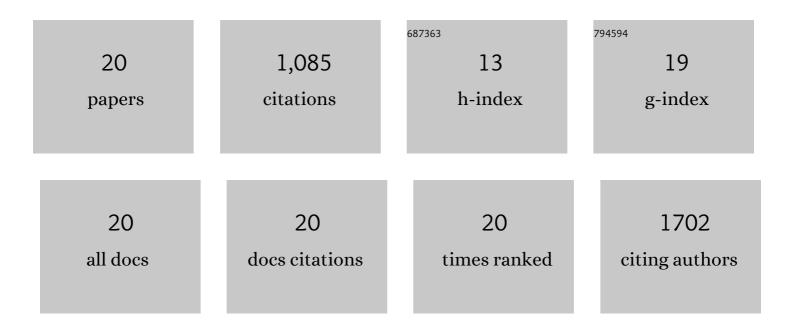
Eduardo R Cruz-Chú

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Selecting XFEL single-particle snapshots by geometric machine learning. Structural Dynamics, 2021, 8, 014701.	2.3	7
2	Mechanical characterization and induced crystallization in nanocomposites of thermoplastics and carbon nanotubes. Npj Computational Materials, 2020, 6, .	8.7	8
3	Water Flow in Silica Nanopores Coated by Carbon Nanotubes from a Wetting Translucency Perspective. Journal of Physical Chemistry C, 2019, 123, 25635-25642.	3.1	11
4	Organic Filling Mitigates Flaw-Sensitivity of Nanoscale Aragonite. ACS Biomaterials Science and Engineering, 2017, 3, 260-268.	5.2	5
5	On phonons and water flow enhancement in carbon nanotubes. Nature Nanotechnology, 2017, 12, 1106-1108.	31.5	19
6	A combined molecular dynamicsâ€phaseâ€field modelling approach to fracture. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 139-140.	0.2	1
7	A comparative molecular dynamics-phase-field modeling approach to brittle fracture. Computer Methods in Applied Mechanics and Engineering, 2016, 312, 117-129.	6.6	47
8	Sustaining dry surfaces under water. Scientific Reports, 2015, 5, 12311.	3.3	56
9	Stress-Induced Lamellar Order in Spider Silk Fibers. Biophysical Journal, 2015, 108, 487a.	0.5	0
10	Structure and Response to Flow of the Glycocalyx Layer. Biophysical Journal, 2014, 106, 232-243.	0.5	70
11	Barriers to Superfast Water Transport in Carbon Nanotube Membranes. Nano Letters, 2013, 13, 1910-1914.	9.1	220
12	Electrically Induced Conformational Change of Peptides on Metallic Nanosurfaces. ACS Nano, 2012, 6, 8847-8856.	14.6	56
13	Computational Microscopy of the Role of Protonable Surface Residues in Nanoprecipitation Oscillations. ACS Nano, 2010, 4, 4463-4474.	14.6	13
14	Modeling transport through synthetic nanopores. IEEE Nanotechnology Magazine, 2009, 3, 20-28.	1.3	43
15	Ionic Current Rectification through Silica Nanopores. Journal of Physical Chemistry C, 2009, 113, 1850-1862.	3.1	86
16	Molecular control of ionic conduction in polymer nanopores. Faraday Discussions, 2009, 143, 47.	3.2	45
17	Computer Modeling in Biotechnology. Methods in Molecular Biology, 2008, 474, 181-234.	0.9	26
18	Waterâ^'Silica Force Field for Simulating Nanodevices. Journal of Physical Chemistry B, 2006, 110, 21497-21508.	2.6	283

2

#	Article	IF	CITATIONS
19	The role of molecular modeling in bionanotechnology. Physical Biology, 2006, 3, S40-S53.	1.8	68
20	Dynamic Influences on a High-Affinity, High-Specificity Interaction Involving the C-Terminal SH3 Domain of p67phox. Biochemistry, 2004, 43, 8094-8106.	2.5	21