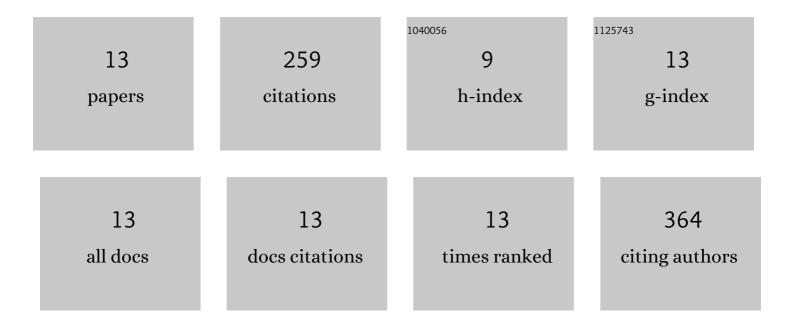
## Braulio Cardenas-Benitez

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6347807/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Pyrolytic carbon from Novolac Epoxy resin compressed before photocrosslinking and pyrolysis. Materials Today: Proceedings, 2022, 48, 41-49.	1.8	1
2	Amplification factor in DC insulator-based electrokinetic devices: a theoretical, numerical, and experimental approach to operation voltage reduction for particle trapping. Lab on A Chip, 2021, 21, 4596-4607.	6.0	11
3	A LEGO inspired fiber probe analytical platform for early diagnosis of Dengue fever. Materials Science and Engineering C, 2020, 109, 110629.	7.3	4
4	Direct Current Electrokinetic Particle Trapping in Insulator-Based Microfluidics: Theory and Experiments. Analytical Chemistry, 2020, 92, 12871-12879.	6.5	59
5	Biomaterials: Nanoâ€spaced Gold on Glassy Carbon Substrate for Controlling Cell Behavior (Adv.) Tj ETQq1 1 0.78	84314 rgB	T {Overlock
6	Tailoring the Diameters of Electro-Mechanically Spun Fibers by Controlling Their Deborah Numbers. Polymers, 2020, 12, 1358.	4.5	3
7	Nanoâ€spaced Gold on Glassy Carbon Substrate for Controlling Cell Behavior. Advanced Materials Interfaces, 2020, 7, 2000238.	3.7	10
8	Pyrolysis-induced shrinking of three-dimensional structures fabricated by two-photon polymerization: experiment and theoretical model. Microsystems and Nanoengineering, 2019, 5, 38.	7.0	37
9	Joule heating effects in optimized insulatorâ€based dielectrophoretic devices: An interplay between post geometry and temperature rise. Electrophoresis, 2019, 40, 1408-1416.	2.4	31
10	Review—Covalent Functionalization of Carbon Nanomaterials for Biosensor Applications: An Update. Journal of the Electrochemical Society, 2018, 165, B103-B117.	2.9	40
11	Simple Approach to Reducing Particle Trapping Voltage in Insulator-Based Dielectrophoretic Systems. Analytical Chemistry, 2018, 90, 4310-4315.	6.5	30
12	Nanogap fabrication by Joule heating of electromechanically spun suspended carbon nanofibers. Carbon, 2017, 115, 811-818.	10.3	15
13	Direct current-induced breakdown to enhance reproducibility and performance of carbon-based interdigitated electrode arrays for AC electroosmotic micropumps. Sensors and Actuators A: Physical, 2017, 262, 10-17.	4.1	17