Jorge Gonzalez-Gutierrez

List of Publications by Year
in descending order

17 papers	188 citations	1039880 9 h-index	1058333 14 g-index
17 all docs	17 docs citations	17 times ranked	163 citing authors

#	Article	IF	Citations
1	Texture analysis of protein deposits produced by droplet evaporation. Scientific Reports, 2018, 8, 9580.	1.6	43
2	Patterns produced by dried droplets of protein binary mixtures suspended in water. Colloids and Surfaces B: Biointerfaces, 2018, 161, 103-110.	2.5	31
3	A technique based on droplet evaporation to recognize alcoholic drinks. Review of Scientific Instruments, 2017, 88, 074101.	0.6	20
4	Nucleation, aggregation, annealing, and disintegration of granular clusters. Physical Review E, 2014, 89, 052205.	0.8	12
5	Effects of substrate temperature on patterns produced by dried droplets of proteins. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111763.	2.5	12
6	Aggregation and dendritic growth in a magnetic granular system. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P12015.	0.9	10
7	Dynamics of a helical swimmer crossing viscosity gradients. Physical Review Fluids, 2021, 6, .	1.0	10
8	Patterns in Dried Droplets to Detect Unfolded BSA. Sensors, 2022, 22, 1156.	2.1	10
9	The calorimetric properties of liposomes determine the morphology of dried droplets. Colloids and Surfaces B: Biointerfaces, 2017, 155, 215-222.	2.5	9
10	Texture Analysis of Dried Droplets for the Quality Control of Medicines. Sensors, 2021, 21, 4048.	2.1	8
11	Penetration of Granular Projectiles into a Water Target. Scientific Reports, 2015, 4, 6762.	1.6	5
12	Pattern formation of stains from dried drops to identify spermatozoa motility. Colloids and Surfaces B: Biointerfaces, 2018, 169, 486-493.	2.5	5
13	Dynamics of a helical swimmer crossing an interface between two immiscible fluids. Physical Review Fluids, 2019, 4, .	1.0	5
14	Structural evolution of a granular medium during simultaneous penetration. Physica A: Statistical Mechanics and Its Applications, 2018, 489, 9-17.	1.2	3
15	Exploring the physics of sand drawings: The role of craters, furrows and piles. European Physical Journal E, 2017, 40, 45.	0.7	2
16	MULTIFRACTAL STRUCTURE IN SAND DRAWINGS. Fractals, 2020, 28, 2050004.	1.8	2
17	Free-energy landscapes of granular clusters grown by magnetic interaction. European Physical Journal E, 2014, 37, 37.	0.7	1