

# Pablo RamÃ- rez del Amo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5204981/publications.pdf>

Version: 2024-02-01

25  
papers

857  
citations

430874

18  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct electron transfer from graphite and functionalized gold electrodes to T1 and T2/T3 copper centers of bilirubin oxidase. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, 1364-1369.	1.0	140
2	Flow behaviour, linear viscoelasticity and surface properties of chitosan aqueous solutions. <i>Food Hydrocolloids</i> , 2010, 24, 659-666.	10.7	74
3	Physicochemical and rheological characterization of <i>Prosopis juliflora</i> seed gum aqueous dispersions. <i>Food Hydrocolloids</i> , 2014, 35, 348-357.	10.7	70
4	Determination of the Potential of Zero Charge of Au(111) Modified with Thiol Monolayers. <i>Analytical Chemistry</i> , 2007, 79, 6473-6479.	6.5	64
5	Large amplitude oscillatory shear of xanthan gum solutions. Effect of sodium chloride (NaCl) concentration. <i>Journal of Food Engineering</i> , 2014, 126, 165-172.	5.2	53
6	Formulation and optimization by experimental design of eco-friendly emulsions based on d-limonene. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 127-131.	5.0	46
7	Interfacial rheology and conformations of triblock copolymers adsorbed onto the water-oil interface. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 135-143.	9.4	38
8	Enhancing rosemary oil-in-water microfluidized nanoemulsion properties through formulation optimization by response surface methodology. <i>LWT - Food Science and Technology</i> , 2018, 97, 370-375.	5.2	34
9	Interfacial characterization of Pluronic PE9400 at biocompatible (air-water and limonene-water) interfaces. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 111, 171-178.	5.0	30
10	Experimental Study of the Interplay between Long-Range Electron Transfer and Redox Probe Permeation at Self-Assembled Monolayers: Evidence for Potential-Induced Ion Gating. <i>Journal of the American Chemical Society</i> , 2005, 127, 6476-6486.	13.7	29
11	Development of rosemary essential oil nanoemulsions using a wheat biomass-derived surfactant. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 486-492.	5.0	29
12	Nonlinear and linear viscoelastic properties of a novel type of xanthan gum with industrial applications. <i>Rheologica Acta</i> , 2015, 54, 993-1001.	2.4	28
13	Adsorption at the biocompatible $\pm$ -pinene-water interface and emulsifying properties of two eco-friendly surfactants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 122, 623-629.	5.0	27
14	Equilibrium and surface rheology of two polyoxyethylene surfactants (CiEOj) differing in the number of oxyethylene groups. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 375, 130-135.	4.7	24
15	Dynamic interfacial tension of triblock copolymers solutions at the water-hexane interface. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 391, 119-124.	4.7	23
16	Surface and foaming properties of polyoxyethylene glycerol ester surfactants. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 458, 195-202.	4.7	22
17	Strategy for the development and characterization of environmental friendly emulsions by microfluidization technique. <i>Journal of Cleaner Production</i> , 2018, 178, 723-730.	9.3	22
18	Surface properties and bulk rheology of <i>Sterculia apetala</i> gum exudate dispersions. <i>Food Hydrocolloids</i> , 2013, 32, 440-446.	10.7	21

#	ARTICLE	IF	CITATIONS
19	Electrochemical formation and electron transfer through self-assembled monolayers of 4-mercaptophenol on mercury. <i>Journal of Electroanalytical Chemistry</i> , 2005, 582, 179-190.	3.8	17
20	Folding and Unfolding in the Blue Copper Protein Rusticyanin: Role of the Oxidation State. <i>Bioinorganic Chemistry and Applications</i> , 2007, 2007, 1-9.	4.1	16
21	Potential of zero charge as a sensitive probe for the titration of ionizable self-assembled monolayers. <i>Electrochemistry Communications</i> , 2008, 10, 1548-1550.	4.7	15
22	Development of eco-friendly submicron emulsions stabilized by a bio-derived gum. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 797-802.	5.0	12
23	Assessment of Fennel Oil Microfluidized Nanoemulsions Stabilization by Advanced Performance Xanthan Gum. <i>Foods</i> , 2021, 10, 693.	4.3	8
24	Development of emulgels formulated with sweet fennel oil and rhamnan gum, a biological macromolecule produced by <i>Sphingomonas</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 129, 326-332.	7.5	7
25	Linear and non-linear flow behavior of welan gum solutions. <i>Rheologica Acta</i> , 2019, 58, 1-8.	2.4	7