

Alba A Vallejo

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

876
citations

623734

14
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

1247
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomedicine review: clinical developments in liposomal applications. <i>Cancer Nanotechnology</i> , 2019, 10, .	3.7	306
2	Demulsification of heavy crude oil-in-water emulsions: A comparative study between microwave and thermal heating. <i>Fuel</i> , 2013, 113, 407-414.	6.4	168
3	Study of the formation and breaking of extra-heavy-crude-oil-in-water emulsions "A proposed strategy for transporting extra heavy crude oils. <i>Chemical Engineering and Processing: Process Intensification</i> , 2015, 98, 112-122.	3.6	60
4	In silico analysis of antidiabetic potential of phenolic compounds from blue corn (<i>Zea mays</i> L.) and black bean (<i>Phaseolus vulgaris</i> L.). <i>Heliyon</i> , 2020, 6, e03632.	3.2	42
5	Novel anti-HER2 peptide-conjugated theranostic nanoliposomes combining NaYF ₄ :Yb,Er nanoparticles for NIR-activated bioimaging and chemo-photodynamic therapy against breast cancer. <i>Nanoscale</i> , 2019, 11, 20598-20613.	5.6	37
6	Identification of immunogenic proteins from ovarian tissue and recognized in larval extracts of <i>Rhipicephalus (Boophilus) microplus</i> , through an immunoproteomic approach. <i>Experimental Parasitology</i> , 2016, 170, 227-235.	1.2	31
7	Thermal properties and volatile compounds profile of commercial dark-chocolates from different genotypes of cocoa beans (<i>Theobroma cacao</i> L.) from Latin America. <i>Food Research International</i> , 2020, 136, 109594.	6.2	25
8	HIDROQUÍMICA Y CONTAMINANTES EMERGENTES EN AGUAS RESIDUALES URBANO INDUSTRIALES DE MORELIA, MICHOACÁN, MÉXICO. <i>Revista Internacional De Contaminacion Ambiental</i> , 2017, 33, 221-235.	0.4	24
9	Immune response elicited by two rBCG strains devoid of genes involved in c-di-GMP metabolism affect protection versus challenge with <i>M. tuberculosis</i> strains of different virulence. <i>Vaccine</i> , 2018, 36, 2069-2078.	3.8	21
10	Isolation and functional characterization of two dioxygenases putatively involved in bixin biosynthesis in annatto (<i>Bixa orellana</i> L.). <i>PeerJ</i> , 2019, 7, e7064.	2.0	21
11	Advanced hydrogels for treatment of diabetes. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1375-1393.	2.7	20
12	Effect of steroidal saponins from <i>Agave</i> on the polysaccharide cell wall composition of <i>Saccharomyces cerevisiae</i> and <i>Kluyveromyces marxianus</i> . <i>LWT - Food Science and Technology</i> , 2017, 77, 430-439.	5.2	19
13	Demulsification of crude oil-in-water emulsions by means of fungal spores. <i>PLoS ONE</i> , 2017, 12, e0170985.	2.5	18
14	Self-assembly of hexahistidine-tagged tobacco etch virus capsid protein into microfilaments that induce IgG2-specific response against a soluble porcine reproductive and respiratory syndrome virus chimeric protein. <i>Virology Journal</i> , 2016, 13, 196.	3.4	16
15	Transcriptional and Mycolic Acid Profiling in <i>Mycobacterium bovis</i> BCG In Vitro Show an Effect for c-di-GMP and Overlap Between Dormancy and Biofilms. <i>Journal of Microbiology and Biotechnology</i> , 2020, 30, 811-821.	2.1	12
16	Lateral organization of mixed, two-phosphatidylcholine liposomes as investigated by GPS, the slope of Laurdan generalized polarization spectra. <i>Archives of Biochemistry and Biophysics</i> , 2007, 466, 145-154.	3.0	9
17	Proteomic characterization of a second-generation version of the BCG "BCG1419c vaccine candidate by means of electrospray-ionization quadrupole time-of-flight mass spectrometry. <i>Pathogens and Disease</i> , 2021, 79, .	2.0	8
18	Identifying <i>Bixa orellana</i> L. New Carotenoid Cleavage Dioxygenases 1 and 4 Potentially Involved in Bixin Biosynthesis. <i>Frontiers in Plant Science</i> , 2022, 13, 829089.	3.6	8

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19	A Study of the Effect of Surfactants on the Aggregation Behavior of Crude Oil Aqueous Dispersions through Steady-State Fluorescence Spectrometry. <i>Applied Spectroscopy</i> , 2017, 71, 1519-1529.	2.2	7
20	Cocoa Nanoparticles to Improve the Physicochemical and Functional Properties of Whey Protein-Based Films to Extend the Shelf Life of Muffins. <i>Foods</i> , 2021, 10, 2672.	4.3	7
21	FRET between non-substrate probes detects lateral lipid domain formation during phospholipase A2 interfacial catalysis. <i>Archives of Biochemistry and Biophysics</i> , 2008, 480, 1-10.	3.0	5
22	Modifications of the optical properties of quantum dots on liposome encapsulation for applications in theranostic liposomes. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 925-935.	3.1	4
23	Effect of borojo (<i>Borojoa patinoi</i> Cuatrecasas) three-phase composition and gum arabic on the glass transition temperature. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1027-1036.	3.5	3
24	Relative performance of several surfactants used for heavy crude oil emulsions as studied by AFM and force spectroscopy. <i>Journal of Petroleum Science and Engineering</i> , 2015, 135, 652-659.	4.2	2
25	Transformation of Photoluminescence Spectra at the Liposomal Encapsulation of Quantum Dots. <i>Frontiers in Sensors</i> , 2016, 4, 27.	0.0	2
26	Understanding mycobacterial lipid metabolism and employing it as a tool to produce attenuated TB vaccine candidates. , 2022, , 221-233.		1
27	Electrochemical Surface Modification of Glassy Carbon by Using Mediated Oxidation of Palmitate Anion in Acetonitrile. <i>ECS Transactions</i> , 2019, 94, 199-210.	0.5	0