

# Pedro Aguilar-Zarate

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

315  
citations

1039880

9  
h-index

887953

17  
g-index

27  
all docs

27  
docs citations

27  
times ranked

414  
citing authors

#	ARTICLE	IF	CITATIONS
1	The secondary metabolites from <i>Beauveria bassiana</i> PQ2 inhibit the growth and spore germination of <i>Gibberella moniliformis</i> LIA. <i>Brazilian Journal of Microbiology</i> , 2022, 53, 143-152.	0.8	3
2	Structural characterization of native and oxidized procyanidins (condensed tannins) from coffee pulp ( <i>Coffea arabica</i> ) using phloroglucinolysis and thioglycolysis-HPLC-ESI-MS. <i>Food Chemistry</i> , 2021, 340, 127830.	4.2	26
3	Fructosyltransferase production by <i>Aspergillus oryzae</i> BM-DIA using solid-state fermentation and the properties of its nucleotide and protein sequences. <i>Folia Microbiologica</i> , 2021, 66, 469-481.	1.1	6
4	Characterization of a Biofilm Bioreactor Designed for the Single-Step Production of Aerial Conidia and Oosporein by <i>Beauveria bassiana</i> PQ2. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 582.	1.5	3
5	Currently Applied Extraction Processes for Secondary Metabolites from <i>Lippia turbinata</i> and <i>Turnera diffusa</i> and Future Perspectives. <i>Separations</i> , 2021, 8, 158.	1.1	7
6	Influence of culture conditions on ellagitannase expression and fungal ellagitannin degradation. <i>Bioresource Technology</i> , 2021, 337, 125462.	4.8	5
7	Effect of ultrasound on the extraction of ellagic acid and hydrolysis of ellagitannins from pomegranate husk. <i>Environmental Technology and Innovation</i> , 2021, 24, 102063.	3.0	16
8	Mineral and fatty acid contents of maize kernels with different levels of polyembryony. <i>Cereal Chemistry</i> , 2020, 97, 723-732.	1.1	5
9	<i>Beauveria bassiana</i> secondary metabolites: a review inside their production systems, biosynthesis, and bioactivities. <i>Mexican Journal of Biotechnology</i> , 2020, 5, 1-33.	0.2	9
10	Characterization by HPLC-ESI-MS <sup>2</sup> of native and oxidized procyanidins from litchi ( <i>Litchi chinensis</i> ) pericarp. <i>Food Chemistry</i> , 2019, 291, 126-131.	4.2	19
11	Effect of ultrasound treatment on the extraction of antioxidants from <i>Ardisia compressa</i> Kunth fruits and identification of phytochemicals by HPLC-ESI-MS. <i>Heliyon</i> , 2019, 5, e03058.	1.4	14
12	Estudio exploratorio de la extracci3n de pigmentos de <i>Curcuma longa</i> L. por fermentaci3n en estado s3lido utilizando cinco cepas f3ngicas. <i>Mexican Journal of Biotechnology</i> , 2019, 4, 1-11.	0.2	2
13	On-line monitoring of <i>Aspergillus niger</i> GH1 growth in a bioprocess for the production of ellagic acid and ellagitannase by solid-state fermentation. <i>Bioresource Technology</i> , 2018, 247, 412-418.	4.8	9
14	Utilization of Lignocellulose-based Orange Peel Waste for Induced Sporulation of <i>Trichoderma asperellum</i> via Box-Behnken Matrix Design. <i>BioResources</i> , 2018, 13, .	0.5	2
15	Invertase: An Enzyme with Importance in Confectionery Food Industry. , 2018, , 187-212.		9
16	Ellagitannins: Bioavailability, Purification and Biotechnological Degradation. <i>Mini-Reviews in Medicinal Chemistry</i> , 2018, 18, 1244-1252.	1.1	29
17	Characterisation of Pomegranate3Husk Polyphenols and Semi3Preparative Fractionation of Punicalagin. <i>Phytochemical Analysis</i> , 2017, 28, 433-438.	1.2	39
18	Tannases. , 2017, , 471-489.		9

#	ARTICLE	IF	CITATIONS
19	Extraction of Bioactive Phenolic Compounds by Alternative Technologies. , 2017, , 229-252.		9
20	Tomato Responses to Bioregulators Grown under Greenhouse Conditions. International Journal of Plant & Soil Science, 2016, 10, 1-13.	0.2	5
21	Gallic acid production under anaerobic submerged fermentation by two bacilli strains. Microbial Cell Factories, 2015, 14, 209.	1.9	29
22	Microplate Quantification of Total Phenolic Content from Plant Extracts Obtained by Conventional and Ultrasound Methods. Phytochemical Analysis, 2014, 25, 439-444.	1.2	23
23	Enhancement of tannase production by Lactobacillus plantarum CIR1: validation in gas-lift bioreactor. Bioprocess and Biosystems Engineering, 2014, 37, 2305-2316.	1.7	31
24	Efecto del medio ambiente sobre la composici3n qu3mica y propiedades f3sicas del grano de ma3z poliembr3nico. TIP Revista Especializada En Ciencias Qu3mico-Biol3gicas, 0, 23, .	0.3	4
25	Tendencias de la bioenerg3a: del metagenoma de h3bitats ricos en azufre a la purificaci3n del biog3s. TIP Revista Especializada En Ciencias Qu3mico-Biol3gicas, 0, 22, .	0.3	1
26	Estudio de factores que influyen en la producci3n de piloncillo de ca3a de az3car (Saccharum) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50.	0.2	0
27	Impacto de las tecnolog3as de extracci3n verdes para la obtenci3n de compuestos bioactivos de los residuos de frutos c3tricos. TIP Revista Especializada En Ciencias Qu3mico-Biol3gicas, 0, 23, .	0.3	1