JosÃ© MarÃ-a Viader-SalvadÃ³

List of Publications by Year
in descending order

19 papers	236 citations	1040056 9 h-index	940533 16 g-index
20 all docs	20 docs citations	20 times ranked	299 citing authors

#	Article	IF	Citations
1	Expression of a Bacillus Phytase C Gene in Pichia pastoris and Properties of the Recombinant Enzyme. Applied and Environmental Microbiology, 2010, 76, 5601-5608.	3.1	56
2	Design of Thermostable Beta-Propeller Phytases with Activity over a Broad Range of pHs and Their Overproduction by Pichia pastoris. Applied and Environmental Microbiology, 2010, 76, 6423-6430.	3.1	46
3	Optimization of five environmental factors to increase betaâ€propeller phytase production in Pichia pastoris and impact on the physiological response of the host. Biotechnology Progress, 2013, 29, 1377-1385.	2.6	20
4	Gene encoding a novel invertase from a xerophilic Aspergillus niger strain and production of the enzyme in Pichia pastoris. Enzyme and Microbial Technology, 2014, 63, 28-33.	3.2	16
5	Genotyping of recombinant Pichia pastoris strains. Cellular and Molecular Biology Letters, 2006, 11, 348-59.	7.0	13
6	Tannase Sequence from a Xerophilic Aspergillus niger Strain and Production of the Enzyme in Pichia pastoris. Molecular Biotechnology, 2015, 57, 439-447.	2.4	12
7	Detection and identification of mycobacteria by mycolic acid analysis of sputum specimens and young cultures. Journal of Microbiological Methods, 2007, 70, 479-483.	1.6	11
8	Shrimp (Litopenaeus vannamei) trypsinogen production in Pichia pastoris bioreactor cultures. Biotechnology Progress, 2013, 29, 11-16.	2.6	11
9	Cell growth and Trametes versicolor laccase production in transformed Pichia pastoris cultured by solidâ€state or submerged fermentations. Journal of Chemical Technology and Biotechnology, 2010, 85, 435-440.	3.2	10
10	Recombinant shrimp (Litopenaeus vannamei) trypsinogen production in Pichia pastoris. Biotechnology Progress, 2009, 25, 1310-1316.	2.6	9
11	Buried Kex2 Sites in Glargine Precursor Aggregates Prevent Its Intracellular Processing in Pichia pastoris Muts Strains and the Effect of Methanol-Feeding Strategy and Induction Temperature on Glargine Precursor Production Parameters. Applied Biochemistry and Biotechnology, 2021, 193, 2806-2829.	2.9	6
12	Identification of Seven Chemical Factors That Favor High-Quality Entamoeba histolytica Cyst-Like Structure Formation Under Axenic Conditions. Archives of Medical Research, 2000, 31, S192-S193.	3.3	5
13	Low specific growth rate and temperature in fed-batch cultures of a beta-propeller phytase producing Pichia pastoris strain under GAP promoter trigger increased KAR2 and PSA1-1 gene expression yielding enhanced extracellular productivity. Journal of Biotechnology, 2022, 352, 59-67.	3.8	5
14	Evaluation ofHeterorhabditis indica(Rhabditida: Heterorhabditidae) Nematode Strain from Sinaloa, Mexico, AgainstBemisia tabaciImmatures Under Laboratory Conditions. Southwestern Entomologist, 2014, 39, 727-738.	0.2	4
15	Simplified amplified-fragment length polymorphism method for genotyping Mycobacterium tuberculosis isolates. Journal of Microbiological Methods, 2009, 78, 331-338.	1.6	3
16	Biochemical characterization of recombinant Penaeus vannamei trypsinogen. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2019, 238, 110337.	1.6	2
17	Identification and in silico structural and functional analysis of a trypsin-like protease from shrimp Macrobrachium carcinus. PeerJ, 2020, 8, e9030.	2.0	2
18	Sequence Engineering of an Aspergillus niger Tannase to Produce in Pichia pastoris a Single-Chain Enzyme with High Specific Activity. Molecular Biotechnology, 2022, 64, 388-400.	2.4	1

#	Article	IF	Citations
19	Effect of Beta-propeller Phytase from Pichia pastoris on Energy Partition in Juvenile Litopenaeus vannamei Fed a Plant Protein-Based Diet. International Journal of Biology, 2016, 8, 66.	0.2	0