

Aaron C Asensio

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

353
citations

840119

11
h-index

887659

17
g-index

17
all docs

17
docs citations

17
times ranked

656
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of four functionalization methods of gold nanoparticles for enhancing the enzyme-linked immunosorbent assay (ELISA). <i>Beilstein Journal of Nanotechnology</i> , 2017, 8, 244-253.	1.5	57
2	High irradiance increases NH ₄ ⁺ tolerance in <i>Pisum sativum</i> : Higher carbon and energy availability improve ion balance but not N assimilation. <i>Journal of Plant Physiology</i> , 2011, 168, 1009-1015.	1.6	54
3	Changes in the C/N balance caused by increasing external ammonium concentrations are driven by carbon and energy availabilities during ammonium nutrition in pea plants: the key roles of asparagine synthetase and anaplerotic enzymes. <i>Physiologia Plantarum</i> , 2013, 148, 522-537.	2.6	54
4	Two Fe-superoxide dismutase families respond differently to stress and senescence in legumes. <i>Journal of Plant Physiology</i> , 2012, 169, 1253-1260.	1.6	38
5	<i>Sf29</i> Gene of <i>Spodoptera frugiperda</i> Multiple Nucleopolyhedrovirus Is a Viral Factor That Determines the Number of Virions in Occlusion Bodies. <i>Journal of Virology</i> , 2008, 82, 7897-7904.	1.5	27
6	Biochemical analysis of ecto-nucleotide pyrophosphatase phosphodiesterase activity in brain membranes indicates involvement of NPP1 isoenzyme in extracellular hydrolysis of diadenosine polyphosphates in central nervous system. <i>Neurochemistry International</i> , 2007, 50, 581-590.	1.9	24
7	Expression and Localization of a <i>Rhizobium</i> -Derived Cambialistic Superoxide Dismutase in Pea (<i>Pisum sativum</i>) Nodules Subjected to Oxidative Stress. <i>Molecular Plant-Microbe Interactions</i> , 2011, 24, 1247-1257.	1.4	14
8	Encapsulation of the <i>Bacillus thuringiensis</i> secretable toxins Vip3Aa and Cry1Ia in <i>Pseudomonas fluorescens</i> . <i>Biological Control</i> , 2013, 66, 159-165.	1.4	13
9	Ecto enzymatic breakdown of diadenosine polyphosphates by <i>Xenopus laevis</i> oocytes. <i>FEBS Journal</i> , 2001, 268, 1289-1297.	0.2	12
10	Direct electrochemistry and environmental sensing of rice hemoglobin immobilized at graphite electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2013, 704, 67-74.	1.9	12
11	Regenerable Plasmonic Biosensor Based on Gold Nanolines Pattern and Common Laboratory Spectrophotometer. <i>IEEE Nanotechnology Magazine</i> , 2014, 13, 308-315.	1.1	11
12	The VirPphA/AvrPtoB family of type III effectors in <i>Pseudomonas syringae</i> . <i>Research in Microbiology</i> , 2005, 156, 298-303.	1.0	9
13	LSPR Cuvette for Real-Time Biosensing by Using a Common Spectrophotometer. <i>IEEE Sensors Journal</i> , 2016, 16, 4158-4165.	2.4	9
14	Fluorimetric detection of enzymatic activity associated with the human tumor suppressor Fhit protein. <i>BBA - Proteins and Proteomics</i> , 1999, 1432, 396-400.	2.1	7
15	Biochemical and immunochemical characterisation of human diadenosine triphosphatase provides evidence for its identification with the tumour suppressor Fhit protein. <i>Biochimie</i> , 2006, 88, 461-471.	1.3	5
16	Evaluation of the anti-nitrative effect of plant antioxidants using a cowpea Fe-superoxide dismutase as a target. <i>Plant Physiology and Biochemistry</i> , 2014, 83, 356-364.	2.8	4
17	Conjugation of Active Iron Superoxide Dismutase to Nanopatterned Surfaces. <i>IEEE Transactions on Nanobioscience</i> , 2012, 11, 176-180.	2.2	3