Vivian Montero-Alejo

List of Publications by Year
in descending order

16 papers	346 citations	840776 11 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	415 citing authors

#	Article	IF	Citations
1	Changes in digestive enzymes through developmental and molt stages in the spiny lobster, Panulirus argus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 151, 250-256.	1.6	60
2	Polymorphism and partial characterization of digestive enzymes in the spiny lobster Panulirus argus. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2008, 150, 247-254.	1.6	49
3	Phenoloxidase activity in the hemolymph of the spiny lobster Panulirus argus. Fish and Shellfish Immunology, 2007, 23, 1187-1195.	3.6	48
4	Hemocyanin-derived phenoloxidase activity in the spiny lobster Panulirus argus (Latreille, 1804). Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 652-658.	2.4	31
5	The clotting system in decapod crustaceans: History, current knowledge and what we need to know beyond the models. Fish and Shellfish Immunology, 2019, 84, 204-212.	3.6	26
6	Cloning and functional characterization of three novel antimicrobial peptides from tilapia (Oreochromis niloticus). Aquaculture, 2013, 372-375, 9-18.	3.5	22
7	Panusin represents a new family of Î²-defensin-like peptides in invertebrates. Developmental and Comparative Immunology, 2017, 67, 310-321.	2.3	21
8	Trypsin isozymes in the lobster Panulirus argus (Latreille, 1804): from molecules to physiology. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2015, 185, 17-35.	1.5	18
9	Defensin like peptide from Panulirus argus relates structurally with beta defensin from vertebrates. Fish and Shellfish Immunology, 2012, 33, 872-879.	3.6	17
10	Molecular, Biochemical, and Dietary Regulation Features of Î±-Amylase in a Carnivorous Crustacean, the Spiny Lobster Panulirus argus. PLoS ONE, 2016, 11, e0158919.	2.5	15
11	Carbohydrates digestion and metabolism in the spiny lobster (Panulirus argus): biochemical indication for limited carbohydrate utilization. PeerJ, 2017, 5, e3975.	2.0	13
12	Soluble Î²-(1,3)-glucans enhance LPS-induced response in the monocyte activation test, but inhibit LPS-mediated febrile response in rabbits: Implications for pyrogenicity tests. European Journal of Pharmaceutical Sciences, 2016, 81, 18-26.	4.0	9
13	The Trypsin Inhibitor Panulirin Regulates the Prophenoloxidase-activating System in the Spiny Lobster Panulirus argus. Journal of Biological Chemistry, 2013, 288, 31867-31879.	3.4	7
14	Crustacean Proteases and Their Application in Debridement. Tropical Life Sciences Research, 2020, 31, 187-209.	0.9	4
15	Evaluation of anticoagulants and hemocyte-maintaining solutions for the study of hemolymph components in the spiny lobster Panulirus argus (Latreille, 1804) (Decapoda: Achelata: Palinuridae). Journal of Crustacean Biology, 2020, 40, 213-217.	0.8	3
16	A Very Active Î±-Amylase and an Inhibitor-Based Control of Proteinases Are Key Features of Digestive Biochemistry of the Omnivorous Caribbean King Crab Maguimithrax spinosissimus. Journal of Evolutionary Biochemistry and Physiology, 2020, 56, 550-564.	0.6	3