

João M Pizauro

List of Publications by Year in descending order

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50
papers

1,033
citations

430874

18
h-index

434195

31
g-index

50
all docs

50
docs citations

50
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetic analysis of substrate utilization by native and TNAP-, NPP1-, or PHOSPHO1-deficient matrix vesicles. <i>Journal of Bone and Mineral Research</i> , 2010, 25, 716-723.	2.8	118
2	Kinetic Characterization of Hypophosphatasia Mutations With Physiological Substrates. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 1383-1391.	2.8	69
3	Phosphodiesterase activity is a novel property of alkaline phosphatase from osseous plate. <i>Biochemical Journal</i> , 1994, 301, 517-522.	3.7	65
4	Construction of an alkaline phosphatase-liposome system: a tool for biomineralization study. <i>International Journal of Biochemistry and Cell Biology</i> , 2002, 34, 1091-1101.	2.8	59
5	Proteoliposomes Harboring Alkaline Phosphatase and Nucleotide Pyrophosphatase as Matrix Vesicle Biomimetics. <i>Journal of Biological Chemistry</i> , 2010, 285, 7598-7609.	3.4	49
6	Characterization of the phosphatidylinositol-specific phospholipase C-released form of rat osseous plate alkaline phosphatase and its possible significance on endochondral ossification. <i>Molecular and Cellular Biochemistry</i> , 1995, 152, 121-129.	3.1	48
7	Effects of corn replacement by sorghum in broiler diets on performance and intestinal mucosa integrity. <i>Poultry Science</i> , 2013, 92, 1564-1571.	3.4	46
8	Contribution of matrix vesicles and alkaline phosphatase to ectopic bone formation. <i>Brazilian Journal of Medical and Biological Research</i> , 2006, 39, 603-610.	1.5	41
9	Efeito do uso de probiótico sobre o desempenho e atividade de enzimas digestivas de frangos de corte. <i>Revista Brasileira De Zootecnia</i> , 2003, 32, 200-207.	0.8	39
10	Solubilization of membrane-bound matrix-induced alkaline phosphatase with polyoxyethylene 9-lauryl ether (polidocanol): Purification and metalloenzyme properties. <i>International Journal of Biochemistry & Cell Biology</i> , 1990, 22, 385-392.	0.5	34
11	Membrane-bound alkaline phosphatase from ectopic mineralization and rat bone marrow cell culture. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 146, 679-687.	1.8	31
12	Immunoglobulin Y in the diagnosis of <i>Aeromonas hydrophila</i> infection in Nile tilapia (<i>Oreochromis</i>)	3.5	29
13	Efeito da idade dos frangos de corte sobre a atividade enzimática e digestibilidade dos nutrientes do farelo de soja e da soja integral. <i>Revista Brasileira De Zootecnia</i> , 2004, 33, 924-935.	0.8	28
14	Culture of osteogenic cells from human alveolar bone: A useful source of alkaline phosphatase. <i>Cell Biology International</i> , 2007, 31, 1405-1413.	3.0	28
15	Identification and enzymatic characterization of acid phosphatase from <i>Burkholderia gladioli</i> . <i>BMC Research Notes</i> , 2014, 7, 221.	1.4	21
16	Allosteric modulation by ATP, calcium and magnesium ions of rat osseous plate alkaline phosphatase. <i>BBA - Proteins and Proteomics</i> , 1993, 1202, 22-28.	2.1	20
17	Conidial alkaline phosphatase from <i>Neurospora crassa</i> . <i>Phytochemistry</i> , 1996, 41, 71-75.	2.9	19
18	Erythrocyte ghost cell-alkaline phosphatase: construction and characterization of a vesicular system for use in biomineralization studies. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2002, 1567, 183-192.	2.6	19

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19	Triton X-100 solubilized bone matrix-induced alkaline phosphatase. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1987, 87, 921-926.	0.2	18
20	Effect of calcium ions on rat osseous plate alkaline phosphatase activity. <i>Journal of Inorganic Biochemistry</i> , 1997, 68, 123-127.	3.5	18
21	Allosteric modulation of pyrophosphatase activity of rat osseous plate alkaline phosphatase by magnesium ions. <i>International Journal of Biochemistry and Cell Biology</i> , 1998, 30, 89-97.	2.8	18
22	Kinetic characterization of a membrane-specific ATPase from rat osseous plate and its possible significance on endochondral ossification. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1998, 1368, 108-114.	2.6	17
23	Phosphotransferase activity associated with rat osseous plate alkaline phosphatase: a possible role in biomineralization. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 1391-1396.	0.5	16
24	Validation of IgY for the diagnosis of <i>Streptococcus agalactiae</i> -caused endocarditis and bacterial meningitis in Nile tilapia (<i>Oreochromis niloticus</i>). <i>Fish and Shellfish Immunology</i> , 2018, 76, 153-160.	3.6	16
25	Broiler Breeder Age and Dietary Energy Level on Performance and Pancreas Lipase and Trypsin Activities of 7-days Old Chicks. <i>International Journal of Poultry Science</i> , 2004, 3, 234-237.	0.1	16
26	Polyoxyethylene 9-lauryl ether-solubilized alkaline phosphatase: Synergistic stimulation by zinc and magnesium ions. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 611-615.	0.5	14
27	A simple laboratory experiment to demonstrate the interaction of proteins bearing glycosylphosphatidylinositol anchors with liposomes. <i>Biochemical Education</i> , 1999, 27, 41-44.	0.1	13
28	Filter cake in industrial quality and in the physiological and acid phosphatase activities in cane-plant. <i>Industrial Crops and Products</i> , 2017, 105, 133-141.	5.2	12
29	Dependence of divalent metal ions on phosphotransferase activity of osseous plate alkaline phosphatase. <i>Journal of Inorganic Biochemistry</i> , 1997, 66, 51-55.	3.5	11
30	Some coagulase negative <i>Staphylococcus</i> spp. isolated from buffalo can be misidentified as <i>Staphylococcus aureus</i> by phenotypic and Sa442 PCR methods. <i>BMC Research Notes</i> , 2018, 11, 346.	1.4	11
31	Microglia extracellular traps in <i>Oreochromis niloticus</i> infected with <i>Weissella cibaria</i> . <i>Fish and Shellfish Immunology</i> , 2021, 113, 148-153.	3.6	9
32	Supplementação de enzimas exógenas em dieta microparticulada para larvicultura do pacu. <i>Revista Brasileira De Zootecnia</i> , 2006, 35, 2211-2218.	0.8	9
33	Effect of ph on the modulation of rat osseous plate alkaline phosphatase by metal ions. <i>International Journal of Biochemistry & Cell Biology</i> , 1992, 24, 923-928.	0.5	8
34	Activity of Tail Phosphatases: A Study during Growth and Metamorphosis of <i>Lithobates catesbeianus</i> . <i>Copeia</i> , 2015, 103, 634-638.	1.3	7
35	Meningitis Caused by <i>Streptococcus agalactiae</i> in Nile Tilapia (<i>Oreochromis niloticus</i>): Infection and Inflammatory Response. <i>Animals</i> , 2020, 10, 2166.	2.3	7
36	Breeder age and bone development in broiler chicken embryos. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2009, 61, 219-226.	0.4	7

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37	Mechanism of action of cobalt ions on rat osseous plate alkaline phosphatase. <i>Journal of Inorganic Biochemistry</i> , 1995, 60, 155-162.	3.5	6
38	Acid and alkaline phosphatase activity in broiler chicks fed with different levels of phytase and non-phytate phosphorus. <i>Journal of Applied Animal Research</i> , 2013, 41, 229-233.	1.2	6
39	Kinetic characterization of a novel acid ectophosphatase from <i>Enterobacter asburiae</i> . <i>Journal of Microbiology</i> , 2016, 54, 106-113.	2.8	6
40	Phagolysosomal activity of macrophages in Nile tilapia (<i>Oreochromis niloticus</i>) infected in vitro by <i>Aeromonas hydrophila</i> : Infection and immunotherapy. <i>Fish and Shellfish Immunology</i> , 2019, 87, 51-61.	3.6	6
41	Carbohydrate metabolism of <i>Xylella fastidiosa</i> : Detection of glycolytic and pentose phosphate pathway enzymes and cloning and expression of the enolase gene. <i>Genetics and Molecular Biology</i> , 2003, 26, 203-211.	1.3	5
42	The zymogen-enteropeptidase system: A practical approach to study the regulation of enzyme activity by proteolytic cleavage. <i>Biochemistry and Molecular Biology Education</i> , 2004, 32, 45-48.	1.2	4
43	Does Hsp70 Play a Protective Role in Tibial Dyschondroplasia?. <i>International Journal of Poultry Science</i> , 2004, 3, 238-241.	0.1	4
44	Ontogenetic development of the oral apparatus and oropharyngeal cavity in bullfrog tadpoles (<i>Lithobates catesbeianus</i> , Shaw 1802). <i>Archives of Oral Biology</i> , 2019, 100, 69-74.	1.8	3
45	Adapted colorimetric method for measurement of feline urinary glycosaminoglycans. <i>Comparative Clinical Pathology</i> , 2014, 23, 323-326.	0.7	1
46	Proteomic analysis capsule synthesis and redox mechanisms in the intracellular survival of group B <i>Streptococcus</i> in fish microglia. <i>Fish and Shellfish Immunology</i> , 2021, 118, 34-50.	3.6	1
47	Novel Inorganic Pyrophosphatase from Soil Metagenomic and Family and Subfamily Prediction. <i>Open Journal of Applied Sciences</i> , 2014, 04, 68-75.	0.4	1
48	Identification and characterization of acid and alkaline phosphatases and protein phosphatases in <i>L. catesbeianus</i> tail during metamorphosis. <i>Biologia (Poland)</i> , 0, , 1.	1.5	0
49	Isolation and identification of antimicrobial resistant <i>Staphylococcus aureus</i> isolated from buffalo milk samples bubalino. <i>Revista Brasileira De Higiene E Sanidade Animal</i> , 2014, 8, .	0.0	0
50	Enzymatic activity of bone markers on <i>Lithobates catesbeianus</i> (Shaw, 1802) growth during the ossification process. <i>Brazilian Journal of Biology</i> , 2021, 84, e251970.	0.9	0