Pietro Ciancaglini

List of Publications by Year
in descending order

167	3,595	159358	214527
papers	citations	30 h-index	47 g-index

168	168	168	4105
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fabrication and characterization of a bioactive <scp>p</scp>olymethylmethacrylateâ€based porous cement loaded with strontium/calcium apatite nanoparticles. Journal of Biomedical Materials Research - Part A, 2022, 110, 812-826.	2.1	5
2	Threeâ€dimensional cellâ€laden collagen scaffolds: From biochemistry to bone bioengineering. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2022, 110, 967-983.	1.6	6
3	The functional role of soluble proteins acquired by extracellular vesicles. , 2022, 1, .		5
4	Fluorescence evidence of annexin A6 translocation across membrane in model matrix vesicles during apatite formation. , 2022, 1, .		2
5	Thermal annealing of natural rubber films controls wettability and enhances cytocompatibility. Surfaces and Interfaces, 2022, 31, 102048.	1.5	2
6	Curcumin-loaded carrageenan nanoparticles: Fabrication, characterization, and assessment of the effects on osteoblasts mineralization. Colloids and Surfaces B: Biointerfaces, 2022, 217, 112622.	2.5	7
7	Synthesis of Antibacterial Hybrid Hydroxyapatite/Collagen/Polysaccharide Bioactive Membranes and Their Effect on Osteoblast Culture. International Journal of Molecular Sciences, 2022, 23, 7277.	1.8	5
8	Ultrasensitive Diamond Microelectrode Application in the Detection of Ca2+ Transport by AnnexinA5-Containing Nanostructured Liposomes. Biosensors, 2022, 12, 525.	2.3	6
9	Surface Wettability of a Natural Rubber Composite under Stretching: A Model to Predict Cell Survival. Langmuir, 2021, 37, 4639-4646.	1.6	4
10	Langmuir monolayers and proteoliposomes as models of matrix vesicles involved in biomineralization. Biophysical Reviews, 2021, 13, 893-895.	1.5	1
11	Phosphatidylserine controls calcium phosphate nucleation and growth on lipid monolayers: A physicochemical understanding of matrix vesicle-driven biomineralization. Journal of Structural Biology, 2020, 212, 107607.	1.3	20
12	Lipid composition modulates ATP hydrolysis and calcium phosphate mineral propagation by TNAP-harboring proteoliposomes. Archives of Biochemistry and Biophysics, 2020, 691, 108482.	1.4	15
13	Characterization of the in Vitro Osteogenic Response to Submicron TiO₂ Particles of Varying Structure and Crystallinity. ACS Omega, 2020, 5, 16491-16501.	1.6	5
14	Strontium Calcium Phosphate Nanotubes as Bioinspired Building Blocks for Bone Regeneration. ACS Applied Materials & Interfaces, 2020, 12, 43422-43434.	4.0	28
15	Localization of Annexin A6 in Matrix Vesicles During Physiological Mineralization. International Journal of Molecular Sciences, 2020, 21, 1367.	1.8	20
16	Entropyâ€driven binding of octyl gallate in albumin: Failure in the application of temperature effect to distinguish dynamic and static fluorescence quenching. Journal of Molecular Recognition, 2020, 33, e2840.	1.1	4
17	Overview on solubilization and lipid reconstitution of Na,K-ATPase: enzyme kinetic and biophysical characterization. Biophysical Reviews, 2020, 12, 49-64.	1.5	11
18	Matrix vesicle biomimetics harboring Annexin A5 and alkaline phosphatase bind to the native collagen matrix produced by mineralizing vascular smooth muscle cells. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129629.	1.1	22

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19	Bioinspired architecture of a hybrid bifunctional enzymatic/organic electrocatalyst for complete ethanol oxidation. Bioelectrochemistry, 2019, 130, 107331.	2.4	16
20	Cholesterol Regulates the Incorporation and Catalytic Activity of Tissue-Nonspecific Alkaline Phosphatase in DPPC Monolayers. Langmuir, 2019, 35, 15232-15241.	1.6	11
21	Is alkaline phosphatase biomimeticaly immobilized on titanium able to propagate the biomineralization process?. Archives of Biochemistry and Biophysics, 2019, 663, 192-198.	1.4	8
22	Synthesis of Srâ€“morin complex and its in vitro response: decrease in osteoclast differentiation while sustaining osteoblast mineralization ability. Journal of Materials Chemistry B, 2019, 7, 823-829.	2.9	15
23	Interface-driven Sr-morin complexation at Langmuir monolayers for bioactive coating design. Colloids and Surfaces B: Biointerfaces, 2019, 181, 856-863.	2.5	5
24	Assessment of neuropharmacological potential of low molecular weight components extracted from Rhinella schneideri toad poison. Journal of Venomous Animals and Toxins Including Tropical Diseases, 2019, 25, e148418.	0.8	2
25	The lipid raft protein NTAL participates in AKT signaling in mantle cell lymphoma. Leukemia and Lymphoma, 2019, 60, 2658-2668.	0.6	4
26	Quantitative atomic force microscopy provides new insight into matrix vesicle mineralization. Archives of Biochemistry and Biophysics, 2019, 667, 14-21.	1.4	25
27	Blood droplets on functionalized surfaces: Chemical, roughness and superhydrophobic effects. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 574, 188-196.	2.3	3
28	Topographical and mechanical properties of liposome surfaces harboring Na,K-ATPase by means of atomic force microscopy. Soft Matter, 2019, 15, 2737-2745.	1.2	13
29	Lipid-mediated growth of SrCO3/CaCO3 hybrid films as bioactive coatings for Ti surfaces. Materials Science and Engineering C, 2019, 99, 762-769.	3.8	9
30	Lipid microenvironment affects the ability of proteoliposomes harboring TNAP to induce mineralization without nucleators. Journal of Bone and Mineral Metabolism, 2019, 37, 607-613.	1.3	17
31	Collagen-supported CaCO3 cylindrical particles enhance Ti bioactivity. Surface and Coatings Technology, 2019, 358, 858-864.	2.2	10
32	Human mitochondrial pyruvate carrier 2 as an autonomous membrane transporter. Scientific Reports, 2018, 8, 3510.	1.6	39
33	Different compact hybrid Langmuirâ€“Blodgettâ€film coatings modify biomineralization and the ability of osteoblasts to grow. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2018, 106, 2524-2534.	1.6	10
34	Matrix vesicles from chondrocytes and osteoblasts: Their biogenesis, properties, functions and biomimetic models. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 532-546.	1.1	131
35	Biomedical applications of nanotechnology. Biophysical Reviews, 2017, 9, 79-89.	1.5	280
36	Effect of the presence of cholesterol in the interfacial microenvironment on the modulation of the alkaline phosphatase activity during in vitro mineralization. Colloids and Surfaces B: Biointerfaces, 2017, 155, 466-476.	2.5	26

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37	Topographic analysis by atomic force microscopy of proteoliposomes matrix vesicle mimetics harboring TNAP and AnxA5. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1911-1920.	1.4	31
38	Biomimetic collagen/phospholipid coatings improve formation of hydroxyapatite nanoparticles on titanium. Materials Science and Engineering C, 2017, 77, 102-110.	3.8	31
39	Biophysical aspects of biomineralization. Biophysical Reviews, 2017, 9, 747-760.	1.5	50
40	Biophysics in Latin America. Biophysical Reviews, 2017, 9, 459-460.	1.5	0
41	Research Article A Xanthomonas citri subsp citri hypothetical protein related to virulence contains a non-functional HD domain and is implicated in flagellar motility.. Genetics and Molecular Research, 2017, 16, .	0.3	2
42	Multimeric species in equilibrium in detergent-solubilized Na,K-ATPase. International Journal of Biological Macromolecules, 2016, 89, 238-245.	3.6	8
43	Defective Multilayer Carbon Nanotubes Increase Alkaline Phosphatase Activity and Bone-Like Nodules in Osteoblast Cultures. Journal of Nanoscience and Nanotechnology, 2016, 16, 1437-1444.	0.9	6
44	The importance of cyclic structure for Labaditin on its antimicrobial activity against Staphylococcus aureus. Colloids and Surfaces B: Biointerfaces, 2016, 148, 453-459.	2.5	16
45	Bio-inspired synthesis of hybrid tube-like structures based on CaCO₃ and type I-collagen. RSC Advances, 2016, 6, 90509-90515.	1.7	13
46	Merozoite-Protein Loaded Liposomes Protect against Challenge in Two Murine Models of Plasmodium Infection. ACS Biomaterials Science and Engineering, 2016, 2, 2276-2286.	2.6	5
47	Pendant-drop method coupled to ultraviolet-visible spectroscopy: A useful tool to investigate interfacial phenomena. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 504, 305-311.	2.3	15
48	Forensic Investigation of Formaldehyde in Illicit Products for Hair Treatment by <scp>DAD</scp>â€<scp>HPLC</scp>: A Case Study. Journal of Forensic Sciences, 2016, 61, 1122-1125.	0.9	8
49	Estrogen and phenol red free medium for osteoblast culture: study of the mineralization ability. Cytotechnology, 2016, 68, 1623-1632.	0.7	24
50	Calcium carbonate hybrid coating promotes the formation of biomimetic hydroxyapatite on titanium surfaces. Applied Surface Science, 2016, 370, 459-468.	3.1	49
51	Graphene oxide and titanium: synergistic effects on the biomineralization ability of osteoblast cultures. Journal of Materials Science: Materials in Medicine, 2016, 27, 71.	1.7	25
52	Multi and single walled carbon nanotubes: effects on cell responses and biomineralization of osteoblasts cultures. Journal of Materials Science: Materials in Medicine, 2016, 27, 62.	1.7	19
53	Comparative Studies of Carbon Nanotubes: Implications for Alkaline Phosphatase Activity and Mineralized Matrix in Osteoblasts Cultures. Journal of Nanoscience and Nanotechnology, 2016, 16, 9487-9496.	0.9	0
54	Cinnamic acid derived compounds loaded into liposomes: antileishmanial activity, production standardisation and characterisation. Journal of Microencapsulation, 2015, 32, 467-477.	1.2	7

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55	Liposomal systems as carriers for bioactive compounds. Biophysical Reviews, 2015, 7, 391-397.	1.5	37
56	Effects of GPI-anchored TNAP on the dynamic structure of model membranes. Physical Chemistry Chemical Physics, 2015, 17, 26295-26301.	1.3	15
57	Proteoliposomes with the ability to transport Ca2+ into the vesicles and hydrolyze phosphosubstrates on their surface. Archives of Biochemistry and Biophysics, 2015, 584, 79-89.	1.4	24
58	Liposomes loaded with P. falciparum merozoite-derived proteins are highly immunogenic and produce invasion-inhibiting and anti-toxin antibodies. Journal of Controlled Release, 2015, 217, 121-127.	4.8	11
59	Interaction of cyclic and linear Labaditin peptides with anionic and zwitterionic micelles. Journal of Colloid and Interface Science, 2015, 438, 39-46.	5.0	6
60	Nanobiotechnologic approach to a promising vaccine prototype for immunisation against leishmaniasis: a fast and effective method to incorporate GPI-anchored proteins ofLeishmania amazonensisinto liposomes. Journal of Microencapsulation, 2015, 32, 143-150.	1.2	15
61	Catalytic Signature of a Heat-Stable, Chimeric Human Alkaline Phosphatase with Therapeutic Potential. PLoS ONE, 2014, 9, e89374.	1.1	61
62	Nanopharmaceutical Approach of Epiisopiloturine Alkaloid Carried in Liposome System: Preparation and <I>In Vitro</I> Schistosomicidal Activity. Journal of Nanoscience and Nanotechnology, 2014, 14, 4519-4528.	0.9	24
63	Formation of carbonated hydroxyapatite films on metallic surfaces using dihexadecyl phosphateâ€“LB film as template. Colloids and Surfaces B: Biointerfaces, 2014, 118, 31-40.	2.5	31
64	Na,K-ATPase reconstituted in ternary liposome: The presence of cholesterol affects protein activity and thermal stability. Archives of Biochemistry and Biophysics, 2014, 564, 136-141.	1.4	14
65	Ferrocene Entrapped In Polypyrrole Film and PAMAM Dendrimers as Matrix for Mediated Glucose/O2 Biofuel Cell. Electrochimica Acta, 2014, 136, 52-58.	2.6	25
66	LAT2, a Lipid Raft Protein That Participates in AKT Phosphorylation in Mantle Cell Lymphoma, Is a Target for Perifosine Chemotherapy. Blood, 2014, 124, 923-923.	0.6	0
67	Effects of pH on the Production of Phosphate and Pyrophosphate by Matrix Vesiclesâ€™ Biomimetics. Calcified Tissue International, 2013, 93, 222-232.	1.5	32
68	Liposomal-lupane system as alternative chemotherapy against cutaneous leishmaniasis: Macrophage as target cell. Experimental Parasitology, 2013, 135, 337-343.	0.5	37
69	Disrupting membrane raft domains by alkylphospholipids. Biochimica Et Biophysica Acta - Biomembranes, 2013, 1828, 1384-1389.	1.4	26
70	Electrochemical characterization of methanol/O2 biofuel cell: Use of laccase biocathode immobilized with polypyrrole film and PAMAM dendrimers. Electrochimica Acta, 2013, 90, 90-94.	2.6	19
71	Addition of subunit Î³, K+ ions, and lipid restores the thermal stability of solubilized Na,K-ATPase. Archives of Biochemistry and Biophysics, 2013, 530, 93-100.	1.4	10
72	Linker for Activation of T-cell Family Member2 (LAT2) a Lipid Raft Adaptor Protein for AKT Signaling, Is an Early Mediator of Alkylphospholipid Anti-leukemic Activity. Molecular and Cellular Proteomics, 2012, 11, 1898-1912.	2.5	24

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73	Action Mechanism of ODPC in Giants Unilamellar Vesicles as Observed by Optical Microscopy. Biophysical Journal, 2012, 102, 404a-405a.	0.2	0
74	Matrix vesicles' biomimetic systems: Effect of pH on the regulation of phosphate production by physiological substrates hydrolysis. Bone, 2012, 50, S69.	1.4	0
75	The Use of PAMAM Dendrimers as a Platform for Laccase Immobilization: Kinetic Characterization of the Enzyme. Applied Biochemistry and Biotechnology, 2012, 167, 1854-1864.	1.4	19
76	Proteoliposomes in nanobiotechnology. Biophysical Reviews, 2012, 4, 67-81.	1.5	34
77	On the Interaction of Large Amounts of C12E8 on Na,K-ATPase Alpha Subunits: A Small Angle X-Ray Scattering Study. Biophysical Journal, 2011, 100, 382a.	0.2	0
78	The Effect of Photosensitizer Drugs and Light Stimulation on Osteoblast Growth. Photomedicine and Laser Surgery, 2011, 29, 699-705.	2.1	29
79	The kinetic behavior of dehydrogenase enzymes in solution and immobilized onto nanostructured carbon platforms. Process Biochemistry, 2011, 46, 2347-2352.	1.8	26
80	Antimicrobial peptides from Phyllomedusa frogs: from biomolecular diversity to potential nanotechnologic medical applications. Amino Acids, 2011, 40, 29-49.	1.2	53
81	Labaditin, a cyclic peptide with rich biotechnological potential: preliminary toxicological studies and structural changes in water and lipid membrane environment. Amino Acids, 2011, 40, 135-144.	1.2	22
82	Using multidimensional projection techniques for reaching a high distinguishing ability in biosensing. Analytical and Bioanalytical Chemistry, 2011, 400, 1153-9.	1.9	20
83	Development of nanostructured bioanodes containing dendrimers and dehydrogenases enzymes for application in ethanol biofuel cells. Biosensors and Bioelectronics, 2011, 26, 2922-2926.	5.3	34
84	Dermaseptin 01 as antimicrobial peptide with rich biotechnological potential: study of peptide interaction with membranes containing Leishmania amazonensis lipidâ€rich extract and membrane models. Journal of Peptide Science, 2011, 17, 700-707.	0.8	20
85	Development of novel bioanodes for ethanol biofuel cell using PAMAM dendrimers as matrix for enzyme immobilization. Biosensors and Bioelectronics, 2011, 26, 2675-2679.	5.3	29
86	Thermodynamic properties and characterization of proteoliposomes rich in microdomains carrying alkaline phosphatase. Biophysical Chemistry, 2011, 158, 111-118.	1.5	25
87	Kinetic analysis of substrate utilization by native and TNAP-, NPP1-, or PHOSPHO1-deficient matrix vesicles. Journal of Bone and Mineral Research, 2010, 25, 716-723.	3.1	118
88	Proteoliposomes as matrix vesicles' biomimetics to study the initiation of skeletal mineralization. Brazilian Journal of Medical and Biological Research, 2010, 43, 234-241.	0.7	24
89	Biosensors for Efficient Diagnosis of Leishmaniasis: Innovations in Bioanalytics for a Neglected Disease. Analytical Chemistry, 2010, 82, 9763-9768.	3.2	66
90	Cytoplasmatic domain of Na,K-ATPase Î±-subunit is responsible for the aggregation of the enzyme in proteoliposomes. Biophysical Chemistry, 2010, 146, 36-41.	1.5	9

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91	The effect of cholesterol on the reconstitution of alkaline phosphatase into liposomes. Biophysical Chemistry, 2010, 152, 74-79.	1.5	33
92	Antileishmanial activity of 3-(3,4,5-trimethoxyphenyl) propanoic acid purified from Amazonian Piper tuberculatum Jacq., Piperaceae, fruits. Revista Brasileira De Farmacognosia, 2010, 20, 1003-1006.	0.6	18
93	Photodynamic Therapy with Rose Bengal Induces GroEL Expression inStreptococcus mutans. Photomedicine and Laser Surgery, 2010, 28, S-79-S-84.	2.1	25
94	Proteoliposomes Harboring Alkaline Phosphatase and Nucleotide Pyrophosphatase as Matrix Vesicle Biomimetics. Journal of Biological Chemistry, 2010, 285, 7598-7609.	1.6	49
95	Unraveling the Na,K-ATPase Î±₄ Subunit Assembling Induced by Large Amounts of C₁₂E₈ by Means of Small-Angle X-ray Scattering. Journal of Physical Chemistry B, 2010, 114, 11371-11376.	1.2	8
96	Interaction of 10-(octyloxy) decyl-2-(trimethylammonium) ethyl phosphate with mimetic membranes and cytotoxic effect on leukemic cells. Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1714-1723.	1.4	12
97	Photodynamic Therapy in Planktonic and Biofilm Cultures of Aggregatibacter actinomycetemcomitans. Photomedicine and Laser Surgery, 2010, 28, S-53-S-60.	2.1	64
98	Comparative Study of Methylene Blue and Erythrosine Dyes Employed in Photodynamic Therapy for Inactivation of Planktonic and Biofilm-Cultivated Aggregatibacter actinomycetemcomitans. Photomedicine and Laser Surgery, 2010, 28, S-85-S-90.	2.1	42
99	Amazonian biodiversity: a view of drug development for Leishmaniasis and malaria. Journal of the Brazilian Chemical Society, 2009, 20, .	0.6	19
100	Treatment With a Growth Factorâ€“Protein Mixture Inhibits Formation of Mineralized Nodules in Osteogenic Cell Cultures Grown on Titanium. Journal of Histochemistry and Cytochemistry, 2009, 57, 265-276.	1.3	25
101	Incorporation of antigenic GPI-proteins from Leishmania amazonensis to membrane mimetic systems: Influence of DPPC/cholesterol ratio. Journal of Colloid and Interface Science, 2009, 333, 373-379.	5.0	11
102	Lipid microspheres loaded with antigenic membrane proteins of the Leishmania amazonensis as a potential biotechnology application. Journal of Colloid and Interface Science, 2009, 340, 112-118.	5.0	13
103	Local delivery of EGFâ€“liposome mediated bone modeling in orthodontic tooth movement by increasing RANKL expression. Life Sciences, 2009, 85, 693-699.	2.0	34
104	Amazonian biodiversity: a view of drug development for leishmaniasis and malaria. Journal of the Brazilian Chemical Society, 2009, 20, 1944-1944.	0.6	11
105	Use of proteoliposome as a vaccine against Trypanosoma cruzi in mice. Chemistry and Physics of Lipids, 2008, 152, 86-94.	1.5	10
106	Use of molecular dynamics data in biochemistry courses. Biochemistry and Molecular Biology Education, 2008, 36, 129-134.	0.5	0
107	The association of Na,K-ATPase subunits studied by circular dichroism, surface tension and dilatational elasticity. Journal of Colloid and Interface Science, 2008, 325, 478-484.	5.0	12
108	The Î±-galactosyl derivatives of ganglioside GD1b are essential for the organization of lipid rafts in RBL-2H3 mast cells. Experimental Cell Research, 2008, 314, 2515-2528.	1.2	13

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109	Effects of a Mixture of Growth Factors and Proteins on the Development of the Osteogenic Phenotype in Human Alveolar Bone Cell Cultures. Journal of Histochemistry and Cytochemistry, 2008, 56, 629-638.	1.3	25
110	Epidermal Growth Factor in Liposomes May Enhance Osteoclast Recruitment during Tooth Movement in Rats. Angle Orthodontist, 2008, 78, 604-609.	1.1	18
111	Toluene permeabilization differentially affects F- and P-type ATPase activities present in the plasma membrane of Streptococcus mutans. Brazilian Journal of Medical and Biological Research, 2008, 41, 1047-1053.	0.7	9
112	Digital Image Analysis to Standardize a Photometric Method in Colorimetric Quantification. Instrumentation Science and Technology, 2007, 36, 97-104.	0.9	11
113	Using Capacitance Measurements as the Detection Method in Antigen-Containing Layer-by-Layer Films for Biosensing. Analytical Chemistry, 2007, 79, 2163-2167.	3.2	59
114	Culture of osteogenic cells from human alveolar bone: A useful source of alkaline phosphatase. Cell Biology International, 2007, 31, 1405-1413.	1.4	28
115	Biostimulation of Na,K-ATPase by low-energy laser irradiation (685nm, 35mW): Comparative effects in membrane, solubilized and DPPC:DPPE-liposome reconstituted enzyme. Journal of Photochemistry and Photobiology B: Biology, 2007, 89, 22-28.	1.7	10
116	Membrane-bound alkaline phosphatase from ectopic mineralization and rat bone marrow cell culture. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, 679-687.	0.8	31
117	Kinetics behaviors of Na,K-ATPase: Comparison of solubilized and DPPC:DPPE-liposome reconstituted enzyme. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2006, 142, 309-316.	1.3	11
118	Contribution of matrix vesicles and alkaline phosphatase to ectopic bone formation. Brazilian Journal of Medical and Biological Research, 2006, 39, 603-610.	0.7	41
119	Lipid Bilayer Stabilization of the Na,K-ATPase Reconstituted in DPPC/DPPE Liposomes. Cell Biochemistry and Biophysics, 2006, 44, 438-445.	0.9	12
120	Mimetic Membrane System to Carry Multiple Antigenic Proteins from Leishmania amazonensis. Journal of Membrane Biology, 2006, 210, 173-181.	1.0	14
121	Na,K-ATPase reconstituted in liposomes: effects of lipid composition on hydrolytic activity and enzyme orientation. Colloids and Surfaces B: Biointerfaces, 2005, 41, 239-248.	2.5	41
122	Use of hand held photopolymerizer to photoinactivate Streptococcus mutans. Archives of Oral Biology, 2005, 50, 353-359.	0.8	85
123	Use of visible light-based photodynamic therapy to bacterial photoinactivation. Biochemistry and Molecular Biology Education, 2005, 33, 46-49.	0.5	17
124	Rose Bengal located within liposome do not affect the activity of inside-out oriented Na,K-ATPase. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1715, 96-103.	1.4	10
125	Kinetic characterization of P-type membrane ATPase from Streptococcus mutans. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2005, 140, 589-597.	0.7	19
126	The effect of carbon source and fluoride concentrations in thestreptococcus mutans biofilm formation. Biochemistry and Molecular Biology Education, 2004, 32, 331-335.	0.5	3

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127	Lipid composition-dependent incorporation of multiple membrane proteins into liposomes. Colloids and Surfaces B: Biointerfaces, 2004, 36, 127-137.	2.5	27
128	A 100 kDa vanadate and lanzoprazole-sensitive ATPase from Streptococcus mutans membrane. Archives of Oral Biology, 2003, 48, 815-824.	0.8	19
129	Fermentable and non-fermentable sugars: A simple experiment of anaerobic metabolism. Biochemistry and Molecular Biology Education, 2003, 31, 180-184.	0.5	8
130	Influence of enzyme conformational changes on catalytic activity investigated by circular dichroism spectroscopy. Biochemistry and Molecular Biology Education, 2003, 31, 329-332.	0.5	16
131	Kinetic characterization of Na,K-ATPase from rabbit outer renal medulla: properties of the (Î±Î²)2 dimer. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2003, 135, 539-549.	0.7	16
132	Erythrocyte ghost cellâ€“alkaline phosphatase: construction and characterization of a vesicular system for use in biomineralization studies. Biochimica Et Biophysica Acta - Biomembranes, 2002, 1567, 183-192.	1.4	19
133	Construction of an alkaline phosphataseâ€“liposome system: a tool for biomineralization study. International Journal of Biochemistry and Cell Biology, 2002, 34, 1091-1101.	1.2	59
134	Solubilization of Na,K-ATPase from rabbit kidney outer medulla using only C12E8. Brazilian Journal of Medical and Biological Research, 2002, 35, 277-288.	0.7	29
135	The adaptive response to ambient pH inNeurospora crassa: Contribution of a model organism to the elucidation of gene expression in eukaryotes. Biochemistry and Molecular Biology Education, 2002, 30, 192-195.	0.5	1
136	Discondroplasia tibial: mecanismos de lesÃ£o e controle. Brazilian Journal of Poultry Science, 2002, 4, 169-186.	0.3	7
137	Using a classical method of vitamin C quantification as a tool for discussion of its role in the body. Biochemistry and Molecular Biology Education, 2001, 29, 110-114.	0.5	6
138	Using a classical method of vitamin C quantification as a tool for discussion of its role in the body. Biochemistry and Molecular Biology Education, 2001, 29, 110-114.	0.5	11
139	A practical approach to the choice of a suitable detergent and optimal conditions for solubilizing a membrane protein. Biochemical Education, 2000, 28, 178-182.	0.1	14
140	A simple method for immunodetection of membraneâ€associated proteins. Biochemistry and Molecular Biology Education, 2000, 28, 256-260.	0.5	1
141	A simple method for immunodetection of membrane-associated proteins. Biochemistry and Molecular Biology Education, 2000, 28, 256-260.	0.5	3
142	A practical approach to the choice of a suitable detergent and optimal conditions for solubilizing a membrane protein. Biochemical Education, 2000, 28, 178-182.	0.1	11
143	MSc Biotechnology degree in South Africa. Biochemical Education, 1999, 27, 37-40.	0.1	3
144	A simple laboratory experiment to demonstrate the interaction of proteins bearing glycosylphosphatidylinositol anchors with liposomes. Biochemical Education, 1999, 27, 41-44.	0.1	13

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145	Allosteric modulation of pyrophosphatase activity of rat osseous plate alkaline phosphatase by magnesium ions. International Journal of Biochemistry and Cell Biology, 1998, 30, 89-97.	1.2	18
146	Kinetic characterization of a membrane-specific ATPase from rat osseous plate and its possible significance on endochondral ossification. Biochimica Et Biophysica Acta - Biomembranes, 1998, 1368, 108-114.	1.4	17
147	Inorganic pyrophosphate-phosphohydrolytic activity associated with rat osseous plate alkaline phosphatase. Cellular and Molecular Biology, 1998, 44, 293-302.	0.3	20
148	Dependence of divalent metal ions on phosphotransferase activity of osseous plate alkaline phosphatase. Journal of Inorganic Biochemistry, 1997, 66, 51-55.	1.5	11
149	Effect of calcium ions on rat osseous plate alkaline phosphatase activity. Journal of Inorganic Biochemistry, 1997, 68, 123-127.	1.5	18
150	Conidial alkaline phosphatase from Neurospora crassa. Phytochemistry, 1996, 41, 71-75.	1.4	19
151	Characterization of the phosphatidylinositol-specific phospholipase C-released form of rat osseous plate alkaline phosphatase and its possible significance on endochondral ossification. Molecular and Cellular Biochemistry, 1995, 152, 121-129.	1.4	48
152	Rat osseous plate alkaline phosphatase: mechanism of action of manganese ions. BioMetals, 1995, 8, 86-91.	1.8	10
153	ENZYPLOT: A microcomputer assisted program for teaching enzyme kinetics. Biochemical Education, 1995, 23, 35-37.	0.1	23
154	Mechanism of action of cobalt ions on rat osseous plate alkaline phosphatase. Journal of Inorganic Biochemistry, 1995, 60, 155-162.	1.5	6
155	Phosphodiesterase activity is a novel property of alkaline phosphatase from osseous plate. Biochemical Journal, 1994, 301, 517-522.	1.7	65
156	Osseous plate alkaline phosphatase is anchored by GPI. Brazilian Journal of Medical and Biological Research, 1994, 27, 453-6.	0.7	4
157	Allosteric modulation by ATP, calcium and magnesium ions of rat osseous plate alkaline phosphatase. BBA - Proteins and Proteomics, 1993, 1202, 22-28.	2.1	20
158	Phosphotransferase activity associated with rat osseous plate alkaline phosphatase: a possible role in biomineralization. International Journal of Biochemistry & Cell Biology, 1992, 24, 1391-1396.	0.8	16
159	Effect of ph on the modulation of rat osseous plate alkaline phosphatase by metal ions. International Journal of Biochemistry & Cell Biology, 1992, 24, 923-928.	0.8	8
160	Polyoxyethylene 9-lauryl ether-solubilized alkaline phosphatase: Synergistic stimulation by zinc and magnesium ions. International Journal of Biochemistry & Cell Biology, 1992, 24, 611-615.	0.8	14
161	Alkaline phosphatase from rat osseous plates: purification and biochemical characterization of a soluble form. Biochimica Et Biophysica Acta - General Subjects, 1991, 1074, 256-262.	1.1	44
162	Effect of membrane moiety and magnesium ions on the inhibition of matrix-induced alkaline phosphatase by zinc ions. International Journal of Biochemistry & Cell Biology, 1990, 22, 747-751.	0.8	25

#	Article	IF	Citations
163	Solubilization of membrane-bound matrix-induced alkaline phosphatase with polyoxyethylene 9-lauryl ether (polidocanol): Purification and metalloenzyme properties. International Journal of Biochemistry & Cell Biology, 1990, 22, 385-392.	0.8	34
164	Effect of Zn(II) and Mg(II) on phosphohydrolytic activity of rat matrix-induced alkaline phosphatase. , 1989, 35, 503-10.		4
165	Kinetic properties of Triton X-100 solubilized bone matrix induced alkaline phosphatase. , 1988, 34, 553-62.		2
166	Triton X-100 solubilized bone matrix-induced alkaline phosphatase. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1987, 87, 921-926.	0.2	18
167	Kinetic characteristics of some inhibitors of matrix-induced alkaline phosphatase. , 1987, 33, 625-35.		4