Massimiliano Perduca

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1576729/publications.pdf

Version: 2024-02-01

58 papers	1,012 citations	430874 18 h-index	477307 29 g-index
58 all docs	58 docs citations	58 times ranked	1299 citing authors

#	Article	IF	Citations
1	Near Infrared Circularly Polarized Luminescence From Water Stable Organic Nanoparticles Containing a Chiral Yb(III) Complex. Chemistry - A European Journal, 2022, 28, .	3.3	13
2	Fisetin: An Integrated Approach to Identify a Strategy Promoting Osteogenesis. Frontiers in Pharmacology, 2022, 13, .	3.5	3
3	Characterization of Cytotoxic Lactose Binding Lectin from Sulphur Polypore, Laetiporus sulphureus (Agaricomycetes), from Algeria. International Journal of Medicinal Mushrooms, 2021, 23, 45-57.	1.5	1
4	Improving the Cellular Uptake of Biomimetic Magnetic Nanoparticles. Nanomaterials, 2021, 11, 766.	4.1	15
5	Enzyme Storage and Recycling: Nanoassemblies of Î±-Amylase and Xylanase Immobilized on Biomimetic Magnetic Nanoparticles. ACS Sustainable Chemistry and Engineering, 2021, 9, 4054-4063.	6.7	24
6	Oxyresveratrol Inhibits R848-Induced Pro-Inflammatory Mediators Release by Human Dendritic Cells Even When Embedded in PLGA Nanoparticles. Molecules, 2021, 26, 2106.	3.8	5
7	Structure and properties of the giant reed (Arundo donax) lectin (ADL). Glycobiology, 2021, 31, 1543-1556.	2.5	1
8	Enhanced Cytotoxic Effect of TATâ€“PLGA-Embedded DOXO Carried by Biomimetic Magnetic Nanoparticles upon Combination with Magnetic Hyperthermia and Photothermia. Pharmaceutics, 2021, 13, 1168.	4.5	8
9	Oxyresveratrol-Loaded PLGA Nanoparticles Inhibit Oxygen Free Radical Production by Human Monocytes: Role in Nanoparticle Biocompatibility. Molecules, 2021, 26, 4351.	3.8	8
10	Two Novel C-Terminus RUNX2 Mutations in Two Cleidocranial Dysplasia (CCD) Patients Impairing p53 Expression. International Journal of Molecular Sciences, 2021, 22, 10336.	4.1	5
11	BEL Î²-Trefoil Reduces the Migration Ability of RUNX2 Expressing Melanoma Cells in Xenotransplanted Zebrafish. Molecules, 2020, 25, 1270.	3.8	11
12	Structure and properties of the oyster mushroom (Pleurotus ostreatus) lectin. Glycobiology, 2020, 30, 550-562.	2.5	11
13	Biochemical characterization and structural insights into the high substrate affinity of a dimeric and Ca2+independentBacillus subtilisÌ±â€amylase. Biotechnology Progress, 2020, 36, e2964.	2.6	13
14	A potential role for astaxanthin in the treatment of bone diseases (Review). Molecular Medicine Reports, 2020, 22, 1695-1701.	2.4	9
15	Complexes of rare earth ions embedded in poly(lactic-co-glycolic acid) (PLGA) nanoparticles: Characterization and spectroscopic study. Optical Materials, 2019, 94, 249-256.	3.6	8
16	Encapsulation of Photosystem I in Organic Microparticles Increases Its Photochemical Activity and Stability for Ex Vivo Photocatalysis. ACS Sustainable Chemistry and Engineering, 2019, 7, 10435-10444.	6.7	12
17	The Novel Role That Nrf2 Plays in Erythropoiesis during Aging. Blood, 2019, 134, 3502-3502.	1.4	0
18	Human plasma retinol-binding protein (RBP4) is also a fatty acid-binding protein. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 458-466.	2.4	35

#	Article	IF	Citations
19	Ketamine nano-delivery based on poly-lactic-co-glycolic acid (PLGA) nanoparticles. Applied Nanoscience (Switzerland), 2018, 8, 655-663.	3.1	5
20	High resolution crystal structure data of human plasma retinol-binding protein (RBP4) bound to retinol and fatty acids. Data in Brief, 2018, 18, 1073-1081.	1.0	10
21	Novel functionalization strategies of polymeric nanoparticles as carriers for brain medications. Journal of Biomedical Materials Research - Part A, 2017, 105, 847-858.	4.0	24
22	Clodronate as a Therapeutic Strategy against Osteoarthritis. International Journal of Molecular Sciences, 2017, 18, 2696.	4.1	22
23	Runx2 downregulation, migration and proliferation inhibition in melanoma cells treated with BEL Î²-trefoil. Oncology Reports, 2017, 37, 2209-2214.	2.6	11
24	Three-dimensional structure and ligand-binding site of carp fishelectin (FEL). Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1123-1135.	2.5	11
25	The inclusion into PLGA nanoparticles enables Î±-bisabolol to efficiently inhibit the human dendritic cell pro-inflammatory activity. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	8
26	High-resolution structures of mutants of residues that affect access to the ligand-binding cavity of human lipocalin-type prostaglandin D synthase. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 2125-2138.	2.5	5
27	BEL Â-trefoil: A novel lectin with antineoplastic properties in king bolete (Boletus edulis) mushrooms. Glycobiology, 2013, 23, 578-592.	2.5	50
28	Structural changes in the BH3 domain of SOUL protein upon interaction with the anti-apoptotic protein Bcl-xL. Biochemical Journal, 2011, 438, 291-301.	3.7	26
29	Structure of a lectin with antitumoral properties in king bolete (Boletus edulis) mushrooms. Glycobiology, 2011, 21, 1000-1009.	2.5	65
30	Influence of the Lipid Phase State and Electrostatic Surface Potential on the Conformations of a Peripherally Bound Membrane Protein. Journal of Physical Chemistry B, 2010, 114, 15141-15150.	2.6	10
31	Expression, purification and crystallization of human bile acid-coA:amino acidN-acyltransferase (BAAT). Acta Crystallographica Section A: Foundations and Advances, 2009, 65, s156-s156.	0.3	0
32	Kinetics of lipid-membrane binding and conformational change of L-BABP. Biochemical and Biophysical Research Communications, 2009, 382, 771-775.	2.1	8
33	The X-Ray Structure of Zebrafish (Danio rerio) Ileal Bile Acid-Binding Protein Reveals the Presence of Binding Sites on the Surface of the Protein Molecule. Journal of Molecular Biology, 2009, 385, 99-116.	4.2	33
34	Crystal structure of human cellular retinolâ€binding protein II to 1.2 Ã... resolution. Proteins: Structure, Function and Bioinformatics, 2008, 70, 1626-1630.	2.6	13
35	Binding and interactions of L-BABP to lipid membranes studied by molecular dynamic simulations. Biochimica Et Biophysica Acta - Biomembranes, 2008, 1778, 1390-1397.	2.6	22
36	A Single Amino Acid Mutation in Zebrafish (Danio rerio) Liver Bile Acid-binding Protein Can Change the Stoichiometry of Ligand Binding. Journal of Biological Chemistry, 2007, 282, 31008-31018.	3.4	21

#	Article	IF	Citations
37	Conformational changes of chicken liver bile acid-binding protein bound to anionic lipid membrane are coupled to the lipid phase transitions. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 1583-1591.	2.6	12
38	Crystal structure of the anticarcinogenic Bowmanâ€“Birk inhibitor from snail medic (Medicago) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70	2.8	11
39	Crystal structure of axolotl (Ambystoma mexicanum) liver bile acidâ€binding protein bound to cholic and oleic acid. Proteins: Structure, Function and Bioinformatics, 2006, 64, 79-88.	2.6	13
40	Structure and Properties of the C-terminal Domain of Insulin-like Growth Factor-binding Protein-1 Isolated from Human Amniotic Fluid. Journal of Biological Chemistry, 2005, 280, 29812-29819.	3.4	35
41	The Antineoplastic Lectin of the Common Edible Mushroom (Agaricus bisporus) Has Two Binding Sites, Each Specific for a Different Configuration at a Single Epimeric Hydroxyl. Journal of Biological Chemistry, 2005, 280, 10614-10623.	3.4	83
42	Chicken Liver Bile Acid-Binding Protein Is in a Compact Partly Folded State at Acidic pH. Its Relevance to the Interaction with Lipid Membranes. Biochemistry, 2005, 44, 8486-8493.	2.5	6
43	Crystallization and preliminary X-ray study of the common edible mushroom (Agaricus bisporus) lectin. Acta Crystallographica Section D: Biological Crystallography, 2004, 60, 718-720.	2.5	5
44	Crystal Structure of Chicken Liver Basic Fatty Acid-Binding Protein Complexed with Cholic Acidâ€,â€¡. Biochemistry, 2004, 43, 14072-14079.	2.5	57
45	Solution structure of chicken liver basic fatty acid binding protein. Journal of Biomolecular NMR, 2003, 25, 157-160.	2.8	15
46	Monitoring folding transitions of synthetic, branched-chain polypeptides by capillary zone electrophoresis. Electrophoresis, 2003, 24, 794-800.	2.4	11
47	Structural and Biochemical Characterization of Toad Liver Fatty Acid-Binding Protein,. Biochemistry, 2003, 42, 8192-8203.	2.5	35
48	Interactions of chicken liver basic fatty acid-binding protein with lipid membranes. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1611, 98-106.	2.6	29
49	Structural and biochemical characterization of a new type of lectin isolated from carp eggs. Biochemical Journal, 2003, 376, 433-440.	3.7	40
50	pH and Ionic Strength Dependence of Protein (Un)Folding and Ligand Binding to Bovine Î²-Lactoglobulins A and Bâ€. Biochemistry, 2002, 41, 15415-15422.	2.5	25
51	Interaction of Chicken Liver Basic Fatty Acid-Binding Protein with Fatty Acids:Â A13C NMR and Fluorescence Studyâ€. Biochemistry, 2001, 40, 12604-12611.	2.5	17
52	Properties of a stationary phase based on immobilised chicken liver basic fatty acid-binding protein. Biomedical Applications, 2001, 751, 117-130.	1.7	22
53	Crystallization and preliminary X-ray study of two liver basic fatty acid-binding proteins. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 1903-1905.	2.5	4
54	Crystal structure of a truncated form of porcine odorant-binding protein. Proteins: Structure, Function and Bioinformatics, 2001, 42, 201-209.	2.6	7

#	Article	IF	Citations
55	Behaviour of inorganic and organic cations in the Debyeâ€“HÃ¼ckel layer of DNA. Journal of Chromatography A, 2001, 920, 309-316.	3.7	16
56	Crystallization of chicken liver (basic) fatty acid binding protein after purification in multicompartment electrolyzers with isoelectric membranes. Electrophoresis, 2000, 21, 2316-2320.	2.4	8
57	The carbohydrates of the isoforms of three avian riboflavin-binding proteins. FEBS Journal, 1999, 263, 849-858.	0.2	19
58	Capillary zone electrophoresis of ds-DNA in isoelectric buffers: Effect of adding of competing, nonamphoteric ions. Electrophoresis, 1998, 19, 1704-1710.	2.4	16