

Donatella Degl'Innocenti

List of Publications by Year in descending order

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62
papers

1,001
citations

430754

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526166

27
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62
all docs

62
docs citations

62
times ranked

1082
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycine Residues Appear to Be Evolutionarily Conserved for Their Ability to Inhibit Aggregation. Structure, 2005, 13, 1143-1151.	1.6	74
2	Overexpression of a synthetic phosphotyrosine protein phosphatase gene inhibits normal and transformed cell growth. International Journal of Cancer, 1992, 51, 652-656.	2.3	62
3	A Pilot Study on Ocular Safety of Intravitreal Infliximab in a Rabbit Model. , 2008, 49, 1151.		60
4	pp60v-arc Phosphorylates and Activates Low Molecular Weight Phosphotyrosine-protein Phosphatase. Journal of Biological Chemistry, 1996, 271, 1278-1281.	1.6	57
5	Inhibition of cellular response to platelet-derived growth factor by lowMrphosphotyrosine protein phosphatase overexpression. FEBS Letters, 1994, 349, 7-12.	1.3	47
6	Polyglutamine Repeats Are Associated to Specific Sequence Biases That Are Conserved among Eukaryotes. PLoS ONE, 2012, 7, e30824.	1.1	32
7	Anti-inflammatory properties of the marine plant Posidonia oceanica (L.) Delile. Journal of Ethnopharmacology, 2020, 247, 112252.	2.0	32
8	Analytic investigations on protein content in refined seed oils: Implications in food allergy. Food and Chemical Toxicology, 2008, 46, 3383-3388.	1.8	29
9	Acylphosphatase expression during macrophage differentiation and activation of U-937 cell line. Biochimie, 1999, 81, 1031-1035.	1.3	28
10	Bioactive Compounds from Posidonia oceanica (L.) Delile Impair Malignant Cell Migration through Autophagy Modulation. Marine Drugs, 2018, 16, 137.	2.2	27
11	Mechanisms for the inhibition of amyloid aggregation by small ligands. Bioscience Reports, 2016, 36, .	1.1	26
12	Uncommon clinical presentations of pheochromocytoma and paraganglioma in two different patients affected by two distinct novel VHL germline mutations. Clinical Endocrinology, 2008, 68, 762-768.	1.2	24
13	Angiotensin II upregulates renin-angiotensin system in human isolated T lymphocytes. Regulatory Peptides, 2008, 151, 1-6.	1.9	24
14	Expression and turnover of acylphosphatase (muscular isoenzyme) in L6 myoblasts during myogenesis. Archives of Biochemistry and Biophysics, 1992, 294, 261-264.	1.4	23
15	Hydrophilic extract from <i>Posidonia oceanica</i> inhibits activity and expression of gelatinases and prevents HT1080 human fibrosarcoma cell line invasion. Cell Adhesion and Migration, 2015, 9, 422-431.	1.1	23
16	Oxadiazon affects the expression and activity of aldehyde dehydrogenase and acylphosphatase in human striatal precursor cells: A possible role in neurotoxicity. Toxicology, 2019, 411, 110-121.	2.0	23
17	Comparison of Chitosan Nanoparticles and Soluplus Micelles to Optimize the Bioactivity of Posidonia oceanica Extract on Human Neuroblastoma Cell Migration. Pharmaceutics, 2019, 11, 655.	2.0	22
18	Acylphosphatase is involved in differentiation of K562 cells. Cell Death and Differentiation, 1997, 4, 334-340.	5.0	20

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19	Intravitreal Infliximab Clearance in a Rabbit Model: Different Sampling Methods and Assay Techniques. , 2009, 50, 5328.		19
20	Three-dimensional structural characterization of a novel <i>Drosophila melanogaster</i> acylphosphatase. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2004, 60, 1177-1179.	2.5	18
21	Alteration of acylphosphatase levels in familial Alzheimer's disease fibroblasts with presenilin gene mutations. <i>Neuroscience Letters</i> , 1996, 210, 153-156.	1.0	17
22	Thymoquinone-Loaded Soluplus®-Solutol® HS15 Mixed Micelles: Preparation, In Vitro Characterization, and Effect on the SH-SY5Y Cell Migration. <i>Molecules</i> , 2020, 25, 4707.	1.7	17
23	<i>Annona cherimola</i> Miller Fruit as a Promising Candidate against Diabetic Complications: An In Vitro Study and Preliminary Clinical Results. <i>Foods</i> , 2020, 9, 1350.	1.9	16
24	In vitro anti-glycation activity of the marine plant <i>Posidonia oceanica</i> (L.) Delile. <i>Journal of Ethnopharmacology</i> , 2020, 259, 112960.	2.0	16
25	Differential Migration of Acylphosphatase Isoenzymes from Cytoplasm to Nucleus during Apoptotic Cell Death. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 717-721.	1.0	15
26	Characterization of a novel <i>Drosophila melanogaster</i> acylphosphatase. <i>FEBS Letters</i> , 2003, 535, 171-174.	1.3	15
27	NMR solution structure of the acylphosphatase from <i>Escherichia coli</i> . <i>Journal of Biomolecular NMR</i> , 2006, 36, 199-204.	1.6	15
28	An Overview of New Insights into the Benefits of the Seagrass <i>Posidonia oceanica</i> for Human Health. <i>Marine Drugs</i> , 2021, 19, 476.	2.2	15
29	Increased glutathione synthesis associated with platelet-derived growth factor stimulation of NIH3T3 fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1452, 303-312.	1.9	14
30	The role of H ₂ O ₂ in the platelet-derived growth factor-induced transcription of the β -glutamylcysteine synthetase heavy subunit. <i>Cellular and Molecular Life Sciences</i> , 2002, 59, 1388-1394.	2.4	14
31	Acylphosphatase: A Potential Modulator of Heart Sarcolemma Na ⁺ ,K ⁺ Pump. <i>Biochemistry</i> , 1995, 34, 6668-6674.	1.2	13
32	Acylphosphatase levels of human erythrocytes during cell ageing. <i>Mechanisms of Ageing and Development</i> , 1987, 39, 59-67.	2.2	12
33	GSH system in relation to redox state in dystrophic skin fibroblasts. <i>Biochimie</i> , 1999, 81, 1025-1029.	1.3	12
34	Guinea pig acylphosphatase: The amino acid sequence. <i>The Protein Journal</i> , 1988, 7, 417-426.	1.1	10
35	The intrachain disulfide bridge is responsible of the unusual stability properties of novel acylphosphatase from <i>Escherichia coli</i> . <i>FEBS Letters</i> , 2006, 580, 6763-6768.	1.3	10
36	Purification and characterization of rabbit muscle acylphosphatase in the thiol (â€ŠSH) form. <i>International Journal of Peptide and Protein Research</i> , 1986, 28, 15-21.	0.1	9

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37	Efficacy of <i>Posidonia oceanica</i> Extract against Inflammatory Pain: In Vivo Studies in Mice. <i>Marine Drugs</i> , 2021, 19, 48.	2.2	9
38	Antioxidant and Anti-Inflammatory Agents from the Sea: A Molecular Treasure for New Potential Drugs. <i>Marine Drugs</i> , 2022, 20, 132.	2.2	9
39	ACYP1 Gene Possesses Two Alternative Splicing Forms That Induce Apoptosis. <i>IUBMB Life</i> , 2004, 56, 29-33.	1.5	8
40	Rat muscle acylphosphatase: Purification, amino sequence, and immunological characterization. <i>The Protein Journal</i> , 1991, 10, 91-102.	1.1	7
41	<i>Posidonia oceanica</i> (L.) Delile Dampens Cell Migration of Human Neuroblastoma Cells. <i>Marine Drugs</i> , 2021, 19, 579.	2.2	7
42	Effect of exogenously added acylphosphatases on inositol lipid metabolism in human platelets. <i>FEBS Letters</i> , 1988, 235, 229-232.	1.3	6
43	Increased acylphosphatase levels in erythrocytes from hyperthyroid patients. <i>Clinica Chimica Acta</i> , 1989, 183, 351-358.	0.5	6
44	Systemic oxidative stress in congenital central hypoventilation syndrome. <i>European Respiratory Journal</i> , 2018, 52, 1801497.	3.1	6
45	Maysin plays a protective role against α -Synuclein oligomers cytotoxicity by triggering autophagy activation. <i>Food and Chemical Toxicology</i> , 2020, 144, 111626.	1.8	5
46	Glucose Uptake and Oxidative Stress in Caco-2 Cells: Health Benefits from <i>Posidonia oceanica</i> (L.) Delile. <i>Marine Drugs</i> , 2022, 20, 457.	2.2	5
47	Alteration of Free Calcium Levels and Acylphosphatase Muscular Isoenzyme in Cultured Dystrophic Skin Fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1997, 230, 327-330.	1.0	4
48	Interaction between acylphosphatase and SERCA in SH-SY5Y cells. <i>Molecular and Cellular Biochemistry</i> , 2000, 211, 95-102.	1.4	4
49	Human recombinant domain antibodies against multiple sclerosis antigenic peptide CSF114(Glc). <i>Journal of Molecular Recognition</i> , 2014, 27, 618-626.	1.1	4
50	<i>Posidonia oceanica</i> (L.) Delile Extract Reduces Lipid Accumulation through Autophagy Activation in HepG2 Cells. <i>Pharmaceuticals</i> , 2021, 14, 969.	1.7	4
51	Horse brain acylphosphatase: Purification and characterization. <i>FEBS Letters</i> , 1988, 236, 209-216.	1.3	3
52	Thiolation of Low-Mr Phosphotyrosine Protein Phosphatase by Thiol-Disulfides. <i>IUBMB Life</i> , 1999, 48, 505-511.	1.5	3
53	Oxidative Stress and Calcium Homeostasis in Dystrophic Skin Fibroblasts. <i>IUBMB Life</i> , 1999, 48, 391-396.	1.5	3
54	Selection of antibody fragments specific for an α -helix region of acylphosphatase. <i>Journal of Molecular Recognition</i> , 2004, 17, 62-66.	1.1	3

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55	Marine Migrastatics: A Comprehensive 2022 Update. <i>Marine Drugs</i> , 2022, 20, 273.	2.2	3
56	Urinary Biomarkers as a Proxy for Congenital Central Hypoventilation Syndrome Patient Follow-Up. <i>Antioxidants</i> , 2022, 11, 929.	2.2	3
57	Oxidative Stress and Calcium Homeostasis in Dystrophic Skin Fibroblasts. <i>IUBMB Life</i> , 1999, 48, 391-396.	1.5	2
58	Catechol-Containing Hydroxylated Biomimetic 4-Thiaflavanes as Inhibitors of Amyloid Aggregation. <i>Biomimetics</i> , 2017, 2, 6.	1.5	2
59	The In Vitro Anti-amyloidogenic Activity of the Mediterranean Red Seaweed <i>Halopithys Incurva</i> . <i>Pharmaceuticals</i> , 2020, 13, 185.	1.7	2
60	Dihydroauroglaucin Isolated from the Mediterranean Sponge <i>Grantia compressa</i> Endophyte Marine Fungus <i>Eurotium chevalieri</i> Inhibits Migration of Human Neuroblastoma Cells. <i>Pharmaceutics</i> , 2022, 14, 616.	2.0	2
61	Purification and characterization of acylphosphatase erythrocyte isoenzyme from turkey muscle. <i>The Protein Journal</i> , 1990, 9, 633-640.	1.1	1
62	XYLab: an interactive plotting tool for mixed multivariate data observation and interpretation. <i>Bioinformatics</i> , 2008, 2, 392-394.	0.2	0