

Valeria Dall'asta

List of Publications by Year in descending order

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76
papers

2,453
citations

201674

27
h-index

214800

47
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all docs

78
docs citations

78
times ranked

2816
citing authors

#	ARTICLE	IF	CITATIONS
1	Desmopressin Stimulates Nitric Oxide Production in Human Lung Microvascular Endothelial Cells. <i>Biomolecules</i> , 2022, 12, 389.	4.0	3
2	Immune-Mediated Inflammatory Responses of Alveolar Epithelial Cells: Implications for COVID-19 Lung Pathology. <i>Biomedicines</i> , 2022, 10, 618.	3.2	16
3	Flagellin From <i>Pseudomonas Aeruginosa</i> Stimulates ATBO,+ Transporter for Arginine and Neutral Amino Acids in Human Airway Epithelial Cells. <i>Frontiers in Immunology</i> , 2021, 12, 641563.	4.8	6
4	Endothelial Cell Activation by SARS-CoV-2 Spike S1 Protein: A Crosstalk between Endothelium and Innate Immune Cells. <i>Biomedicines</i> , 2021, 9, 1220.	3.2	27
5	Organic cation transporters (OCTs/OCTNs) in human primary alveolar epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2021, 576, 27-32.	2.1	5
6	γ -LAT1 and γ -LAT2 contribution to arginine uptake in different human cell models: Implications in the pathophysiology of Lysinuric Protein Intolerance. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 921-929.	3.6	28
7	Monocytes from infliximab-resistant patients with Crohn's disease exhibit a disordered cytokine profile. <i>Scientific Reports</i> , 2020, 10, 12238.	3.3	10
8	Characterization of ABC Transporters in EpiAirway, a Cellular Model of Normal Human Bronchial Epithelium. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3190.	4.1	18
9	Functional analysis of OCTN2 and ATBO,+ in normal human airway epithelial cells. <i>PLoS ONE</i> , 2020, 15, e0228568.	2.5	9
10	Organic Cation Transporters (OCTs) in EpiAirway, a Cellular Model of Normal Human Bronchial Epithelium. <i>Biomedicines</i> , 2020, 8, 127.	3.2	8
11	Analysis of LPI-causing mutations on γ -LAT1 function and localization. <i>Orphanet Journal of Rare Diseases</i> , 2019, 14, 63.	2.7	6
12	Gluten peptides drive healthy and celiac monocytes toward an M2-like polarization. <i>Journal of Nutritional Biochemistry</i> , 2018, 54, 11-17.	4.2	17
13	Downregulation of SLC7A7 Triggers an Inflammatory Phenotype in Human Macrophages and Airway Epithelial Cells. <i>Frontiers in Immunology</i> , 2018, 9, 508.	4.8	37
14	Human macrophage differentiation induces OCTN2-mediated L-carnitine transport through stimulation of mTOR-STAT3 axis. <i>Journal of Leukocyte Biology</i> , 2017, 101, 665-674.	3.3	25
15	Dependence on glutamine uptake and glutamine addiction characterize myeloma cells: a new attractive target. <i>Blood</i> , 2016, 128, 667-679.	1.4	128
16	Functional activity of L-carnitine transporters in human airway epithelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2016, 1858, 210-219.	2.6	24
17	Glutamine-mediated production of polyamines by RAW264.7 macrophages modulates intestinal epithelial permeability in vitro. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1779-1786.	3.8	14
18	Functional characterization of the organic cation transporters (OCTs) in human airway pulmonary epithelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 1563-1572.	2.6	22

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19	Gliadin activates arginase pathway in RAW264.7 cells and in human monocytes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1364-1371.	3.8	17
20	Glutamine depletion by crisantaspase hinders the growth of human hepatocellular carcinoma xenografts. <i>British Journal of Cancer</i> , 2014, 111, 1159-1167.	6.4	55
21	Oxidative Stress Induced by Copper and Iron Complexes with 8-Hydroxyquinoline Derivatives Causes Paraptotic Death of HeLa Cancer Cells. <i>Molecular Pharmaceutics</i> , 2014, 11, 1151-1163.	4.6	82
22	Alterations of arginine in Lysinuric Protein Intolerance (LPI) macrophages. <i>FASEB Journal</i> , 2013, 27, 1b475.	0.5	0
23	Impaired phagocytosis in macrophages from patients affected by lysinuric protein intolerance. <i>Molecular Genetics and Metabolism</i> , 2012, 105, 585-589.	1.1	35
24	Glutamine stimulates mTORC1 independent of the cell content of essential amino acids. <i>Amino Acids</i> , 2012, 43, 2561-2567.	2.7	29
25	The non-proteinogenic amino acids l-methionine sulfoximine and dl-phosphinothricin activate mTOR. <i>Amino Acids</i> , 2012, 42, 2507-2512.	2.7	9
26	Radiochemical high-performance liquid chromatography detection of arginine metabolism in human endothelial cells. <i>Analytical Biochemistry</i> , 2012, 424, 156-161.	2.4	7
27	L-Asparaginase and Inhibitors of Glutamine Synthetase Disclose Glutamine Addiction of β 2-Catenin-Mutated Human Hepatocellular Carcinoma Cells. <i>Current Cancer Drug Targets</i> , 2011, 11, 929-943.	1.6	45
28	Arginine transport in human monocytic leukemia THP-1 cells during macrophage differentiation. <i>Journal of Leukocyte Biology</i> , 2011, 90, 293-303.	3.3	38
29	In Lysinuric Protein Intolerance system γ +L activity is defective in monocytes and in GM-CSF-differentiated macrophages. <i>Orphanet Journal of Rare Diseases</i> , 2010, 5, 32.	2.7	57
30	Regulation of arginine transport and metabolism by Protein Kinase C α in endothelial cells: stimulation of CAT2 transporters and arginase activity. <i>Journal of Molecular and Cellular Cardiology</i> , 2010, 49, 260-270.	1.9	19
31	Arginine transport in human erythroid cells: discrimination of CAT1 and 4F2hc/ γ +LAT2 roles. <i>Pflugers Archiv European Journal of Physiology</i> , 2009, 458, 1163-1173.	2.8	23
32	In human endothelial cells rapamycin causes mTORC2 inhibition and impairs cell viability and function. <i>Cardiovascular Research</i> , 2008, 78, 563-571.	3.8	103
33	Alveolar Macrophages from Normal Subjects Lack the NOS-Related System γ +for Arginine Transport. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 37, 105-112.	2.9	20
34	Rapamycin stimulates arginine influx through CAT2 transporters in human endothelial cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 1479-1487.	2.6	21
35	Thioamido Coordination in a Thioxo-1,2,4-triazole Copper(II) Complex Enhances Nonapoptotic Programmed Cell Death Associated with Copper Accumulation and Oxidative Stress in Human Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2007, 50, 1916-1924.	6.4	71
36	Chronic exposure to rapamycin induces endothelial dysfunction in vitro. <i>FASEB Journal</i> , 2007, 21, A750.	0.5	0

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37	PKC-dependent stimulation of EAAT3 glutamate transporter does not require the integrity of actin cytoskeleton. <i>Neurochemistry International</i> , 2006, 48, 341-349.	3.8	16
38	Chlorpromazine, clozapine and olanzapine inhibit anionic amino acid transport in cultured human fibroblasts. <i>Amino Acids</i> , 2006, 31, 93-99.	2.7	7
39	Effects of taurine and other amino acids on the phenotype of F508 Δ CFTR cells. <i>FASEB Journal</i> , 2006, 20, A1039.	0.5	0
40	The transport of cationic amino acids in human airway cells: expression of system y + L activity and transepithelial delivery of NOS inhibitors. <i>FASEB Journal</i> , 2005, 19, 1-26.	0.5	27
41	Inhibition of Glutamine Synthetase Triggers Apoptosis in Asparaginase-Resistant Cells. <i>Cellular Physiology and Biochemistry</i> , 2005, 15, 281-292.	1.6	46
42	SNAT2 silencing prevents the osmotic induction of transport system A and hinders cell recovery from hypertonic stress. <i>FEBS Letters</i> , 2005, 579, 3376-3380.	2.8	32
43	INF γ stimulates arginine transport through system y+L in human monocytes. <i>FEBS Letters</i> , 2004, 571, 177-181.	2.8	30
44	The stimulation of arginine transport by TNF α in human endothelial cells depends on NF κ B activation. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1664, 45-52.	2.6	25
45	The synthesis of SNAT2 transporters is required for the hypertonic stimulation of system A transport activity. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2004, 1667, 157-166.	2.6	35
46	Ethanol Increases the Paracellular Permeability of Monolayers of CAPAN-1 Pancreatic Duct Cells. <i>Journal of Molecular Histology</i> , 2003, 35, 355-362.	2.2	8
47	Employment of Confocal Microscopy for the Dynamic Visualization of Domes in Intact Epithelial Cell Cultures. <i>Cells Tissues Organs</i> , 2002, 170, 237-245.	2.3	12
48	Endothelial cell injury induced by preservation solutions: a confocal microscopy study. <i>Annals of Thoracic Surgery</i> , 2002, 73, 1606-1614.	1.3	5
49	Two-way arginine transport in human endothelial cells: TNF α stimulation is restricted to system y ⁺ L. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 282, C134-C143.	4.6	58
50	The adaptive regulation of amino acid transport system A is associated to changes in ATA2 expression. <i>FEBS Letters</i> , 2001, 490, 11-14.	2.8	82
51	The role of system A for neutral amino acid transport in the regulation of cell volume. <i>Molecular Membrane Biology</i> , 2001, 18, 27-38.	2.0	34
52	Amino acid depletion activates TonEBP and sodium-coupled inositol transport. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1465-C1474.	4.6	32
53	Arginine transport through system y ⁺ L in cultured human fibroblasts: normal phenotype of cells from LPI subjects. <i>American Journal of Physiology - Cell Physiology</i> , 2000, 279, C1829-C1837.	4.6	53
54	Amino acids are compatible osmolytes for volume recovery after hypertonic shrinkage in vascular endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 1999, 276, C865-C872.	4.6	57

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55	Adaptive Increase of Amino Acid Transport System A Requires ERK1/2 Activation. <i>Journal of Biological Chemistry</i> , 1999, 274, 28922-28928.	3.4	67
56	Comparison of Annexin V and Calcein-AM as Early Vital Markers of Apoptosis in Adherent Cells by Confocal Laser Microscopy. <i>Journal of Histochemistry and Cytochemistry</i> , 1998, 46, 895-900.	2.5	94
57	Membrane Potential Changes Visualized in Complete Growth Media through Confocal Laser Scanning Microscopy of bis-Oxonol-Loaded Cells. <i>Experimental Cell Research</i> , 1997, 231, 260-267.	2.6	55
58	Hypertonicity Induces Injury to Cultured Human Endothelium: Attenuation by Glutamine. <i>Annals of Thoracic Surgery</i> , 1997, 64, 1770-1775.	1.3	27
59	CFTR Expression in C127 Cells Is Associated with Enhanced Cell Shrinkage and ATP Extrusion in Cl^- -Free Medium. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 755-761.	2.1	18
60	The stimulation of Na,K,Cl cotransport and of system A for neutral amino acid transport is a mechanism for cell volume increase during the cell cycle. <i>FASEB Journal</i> , 1996, 10, 920-926.	0.5	76
61	Modulation of transport systems for neutral and anionic amino acids in mesenchymal cells. <i>Biochemical Society Transactions</i> , 1996, 24, 864-869.	3.4	7
62	Characterization of Apoptotic Phenomena Induced by Treatment with L-Asparaginase in NIH3T3 Cells. <i>Experimental Cell Research</i> , 1995, 220, 283-291.	2.6	66
63	Regulatory volume decrease of cultured human fibroblasts involves changes in intracellular amino-acid pool. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1994, 1220, 139-145.	4.1	19
64	The preferential interaction of l-threonine with transport system ASC in cultured human fibroblasts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1070, 305-312.	2.6	10
65	Membrane potential and amino acid transport in a mutant chinese hamster ovary cell line. <i>Journal of Cellular Physiology</i> , 1991, 146, 417-424.	4.1	13
66	The transport of l-glutamine into cultured human fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1990, 1052, 106-112.	4.1	27
67	The transport of L-arginine in Chinese hamster ovary cells. <i>Biochemical and Biophysical Research Communications</i> , 1989, 164, 1093-1098.	2.1	8
68	Amino Acid and Sugar Transport in Mouse 3T3 Cells Expressing Activated ras and neu Oncogenes. <i>Annals of the New York Academy of Sciences</i> , 1988, 551, 374-377.	3.8	8
69	Glycine transport by cultured human fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1988, 152, 617-622.	2.1	0
70	Derangements of Cationic Amino Acid Transport in Fibroblasts from Human Desmoid Tumor. , 1988, , 467-473.		0
71	Effect of extracellular potassium on amino acid transport and membrane potential in fetal human fibroblasts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 854, 240-250.	2.6	26
72	Perturbation of Na ⁺ and K ⁺ gradients in human fibroblasts incubated in unsupplemented saline solutions. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1986, 860, 1-8.	2.6	12

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73	Effect of insulin on the activity of amino acid transport systems in cultured human fibroblasts. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1985, 844, 216-223.	4.1	27
74	Post-translational control by carrier availability of amino acid transport in fetal human fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 1984, 120, 172-178.	2.1	13
75	The cluster-tray method for rapid measurement of solute fluxes in adherent cultured cells. <i>Analytical Biochemistry</i> , 1981, 115, 368-374.	2.4	265
76	Adaptive regulation of amino acid transport in cultured avian fibroblasts. Influence of the amino acid composition of the culture media. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1978, 507, 165-174.	2.6	20