

Vincenzo Lariccia

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,155
citations

361296

20
h-index

395590

33
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44
all docs

44
docs citations

44
times ranked

1501
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular Calcium Dysregulation: Implications for Alzheimer's Disease. <i>BioMed Research International</i> , 2016, 2016, 1-14.	0.9	103
2	Evaluation of inhibitory effect of TiO ₂ nanocoatings against microalgal growth on clay brick façades under weak UV exposure conditions. <i>Building and Environment</i> , 2013, 64, 38-45.	3.0	95
3	Massive calcium-activated endocytosis without involvement of classical endocytic proteins. <i>Journal of General Physiology</i> , 2011, 137, 111-132.	0.9	90
4	Effects of water absorption and surface roughness on the bioreceptivity of ETICS compared to clay bricks. <i>Building and Environment</i> , 2014, 77, 20-28.	3.0	74
5	Excitatory Amino Acid Transporters (EAATs): Glutamate Transport and Beyond. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5674.	1.8	59
6	Dual control of cardiac Na ⁺ -Ca ²⁺ exchange by PIP ₂ : electrophysiological analysis of direct and indirect mechanisms. <i>Journal of Physiology</i> , 2007, 582, 991-1010.	1.3	49
7	Lipid signaling to membrane proteins: From second messengers to membrane domains and adapter-free endocytosis. <i>Journal of General Physiology</i> , 2018, 150, 211-224.	0.9	49
8	Glutamate-Induced ATP Synthesis: Relationship between Plasma Membrane Na ⁺ /Ca ²⁺ Exchanger and Excitatory Amino Acid Transporters in Brain and Heart Cell Models. <i>Molecular Pharmacology</i> , 2013, 84, 603-614.	1.0	44
9	The Antiepileptic Drug Levetiracetam Decreases the Inositol 1,4,5-Trisphosphate-Dependent [Ca ²⁺] _i Increase Induced by ATP and Bradykinin in PC12 Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005, 313, 720-730.	1.3	42
10	Massive endocytosis driven by lipidic forces originating in the outer plasmalemmal monolayer: a new approach to membrane recycling and lipid domains. <i>Journal of General Physiology</i> , 2011, 137, 137-154.	0.9	38
11	Altered regulation of glutamate release and decreased functional activity and expression of GLT1 and GLAST glutamate transporters in the hippocampus of adolescent rats perinatally exposed to Δ ⁹ -THC. <i>Pharmacological Research</i> , 2010, 61, 334-341.	3.1	35
12	Physical and Functional Interaction of NCX1 and EAAC1 Transporters Leading to Glutamate-Enhanced ATP Production in Brain Mitochondria. <i>PLoS ONE</i> , 2012, 7, e34015.	1.1	35
13	Inorganic Polyphosphate Regulates AMPA and NMDA Receptors and Protects Against Glutamate Excitotoxicity via Activation of P2Y Receptors. <i>Journal of Neuroscience</i> , 2019, 39, 6038-6048.	1.7	30
14	Gram-negative endotoxin lipopolysaccharide induces cardiac hypertrophy: Detrimental role of Na ⁺ -Ca ²⁺ exchanger. <i>European Journal of Pharmacology</i> , 2015, 746, 31-40.	1.7	27
15	Mitochondrial ROS control neuronal excitability and cell fate in frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 318-338.	0.4	27
16	Imatinib-Mesylate Blocks Recombinant T-Type Calcium Channels Expressed in Human Embryonic Kidney-293 Cells by a Protein Tyrosine Kinase-Independent Mechanism. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 208-215.	1.3	26
17	Essential role of the Na ⁺ -Ca ²⁺ exchanger (NCX) in glutamate-enhanced cell survival in cardiac cells exposed to hypoxia/reoxygenation. <i>Scientific Reports</i> , 2017, 7, 13073.	1.6	25
18	Dual control of cardiac Na ⁺ -Ca ²⁺ exchange by PIP ₂ : analysis of the surface membrane fraction by extracellular cysteine PEGylation. <i>Journal of Physiology</i> , 2007, 582, 1011-1026.	1.3	24

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19	Clinical Pharmacogenetics of Methotrexate. <i>Current Drug Metabolism</i> , 2011, 12, 278-286.	0.7	24
20	Sudden cardiac death: focus on the genetics of channelopathies and cardiomyopathies. <i>Journal of Biomedical Science</i> , 2017, 24, 56.	2.6	23
21	Massive Ca-induced Membrane Fusion and Phospholipid Changes Triggered by Reverse Na/Ca Exchange in BHK Fibroblasts. <i>Journal of General Physiology</i> , 2008, 132, 29-50.	0.9	22
22	Mitochondrial localization of NCXs: Balancing calcium and energy homeostasis. <i>Cell Calcium</i> , 2020, 86, 102162.	1.1	20
23	Zn ²⁺ Slows Down CaV3.3 Gating Kinetics: Implications for Thalamocortical Activity. <i>Journal of Neurophysiology</i> , 2007, 98, 2274-2284.	0.9	19
24	Na ⁺ /Ca ²⁺ exchanger 1 inhibition abolishes ischemic tolerance induced by ischemic preconditioning in different cardiac models. <i>European Journal of Pharmacology</i> , 2017, 794, 246-256.	1.7	19
25	Correction of Mutant p63 in EEC Syndrome Using siRNA Mediated Allele-Specific Silencing Restores Defective Stem Cell Function. <i>Stem Cells</i> , 2016, 34, 1588-1600.	1.4	17
26	Calcium- and ATP-dependent regulation of Na/Ca exchange function in BHK cells: Comparison of NCX1 and NCX3 exchangers. <i>Cell Calcium</i> , 2018, 73, 95-103.	1.1	15
27	NCX and EAAT transporters in ischemia: At the crossroad between glutamate metabolism and cell survival. <i>Cell Calcium</i> , 2020, 86, 102160.	1.1	15
28	NCX1 and EAAC1 transporters are involved in the protective action of glutamate in an in vitro Alzheimer's disease-like model. <i>Cell Calcium</i> , 2020, 91, 102268.	1.1	13
29	Challenges and Opportunities from Targeting Inflammatory Responses to SARS-CoV-2 Infection: A Narrative Review. <i>Journal of Clinical Medicine</i> , 2020, 9, 4021.	1.0	13
30	Unusual case of severe arrhythmia developed after acute intoxication with tosylchloramide. <i>BMC Pharmacology & Toxicology</i> , 2013, 14, 8.	1.0	12
31	Identification and functional analysis of a new putative caveolin-3 variant found in a patient with sudden unexplained death. <i>Journal of Biomedical Science</i> , 2014, 21, 58.	2.6	11
32	Cracking the code of sodium/calcium exchanger (NCX) gating: Old and new complexities surfacing from the deep web of secondary regulations. <i>Cell Calcium</i> , 2020, 87, 102169.	1.1	11
33	Gateways for Glutamate Neuroprotection in Parkinson's Disease (PD): Essential Role of EAAT3 and NCX1 Revealed in an In Vitro Model of PD. <i>Cells</i> , 2020, 9, 2037.	1.8	9
34	Intracallosal neuronal nitric oxide synthase neurons colocalize with neurokinin 1 substance P receptor in the rat. <i>Journal of Comparative Neurology</i> , 2015, 523, 589-607.	0.9	8
35	Multipurpose Na ⁺ ions mediate excitation and cellular homeostasis: Evolution of the concept of Na ⁺ pumps and Na ⁺ /Ca ²⁺ exchangers. <i>Cell Calcium</i> , 2020, 87, 102166.	1.1	8
36	Control of Ca ²⁺ and metabolic homeostasis by the Na ⁺ /Ca ²⁺ exchangers (NCXs) in health and disease. <i>Biochemical Pharmacology</i> , 2022, 203, 115163.	2.0	6

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37	Effects of ticagrelor on the sodium/calcium exchanger 1 (NCX1) in cardiac derived H9c2 cells. European Journal of Pharmacology, 2019, 850, 158-166.	1.7	5
38	Differential distribution of parvalbumin- and calbindin-D28K-immunoreactive neurons in the rat periaqueductal gray matter and their colocalization with enzymes producing nitric oxide. Brain Research Bulletin, 2013, 99, 48-62.	1.4	4
39	Tumor necrosis factor- α -related apoptosis-inducing ligand reduces the expression of the neuroprotective Na ⁺ /Ca ²⁺ exchanger isoform NCX 3 in human neuroblastoma SH-SY 5Y cells. FEBS Journal, 2019, 286, 737-749.	2.2	4
40	Mesenchymal Stem Cells Exposed to Persistently High Glucocorticoid Levels Develop Insulin-Resistance and Altered Lipolysis: A Promising In Vitro Model to Study Cushing's Syndrome. Frontiers in Endocrinology, 2022, 13, 816229.	1.5	4
41	Letter to the editor regarding the article by Chen et al. entitled "Protective effects of echinacoside against anoxia/reperfusion injury in H9c2 cells via up-regulating p-AKT and SLC8A3". Biomedicine and Pharmacotherapy, 2018, 108, 58-59.	2.5	0
42	Massive Ca-induced Membrane Fusion and Phospholipid Changes Triggered by Reverse Na/Ca Exchange in BHK Fibroblasts. Journal of Cell Biology, 2008, 182, i3-i3.	2.3	0
43	Intracellular Calcium and Ischemic Damage: Dual Role of the Na ⁺ /Ca ²⁺ Exchanger. , 2020, , 361-372.		0