

Mauro Cataldi

List of Publications by Year in descending order

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86
papers

2,746
citations

186265
28
h-index

197818
49
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87
all docs

87
docs citations

87
times ranked

4424
citing authors

#	ARTICLE	IF	CITATIONS
1	Apoptosis induced in neuronal cells by oxidative stress: role played by caspases and intracellular calcium ions. <i>Toxicology Letters</i> , 2003, 139, 125-133.	0.8	236
2	Emerging Role of the Spleen in the Pharmacokinetics of Monoclonal Antibodies, Nanoparticles and Exosomes. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1249.	4.1	181
3	Assessment of Body Composition in Health and Disease Using Bioelectrical Impedance Analysis (BIA) and Dual Energy X-Ray Absorptiometry (DXA): A Critical Overview. <i>Contrast Media and Molecular Imaging</i> , 2019, 2019, 1-9.	0.8	168
4	Long-Term and Low-Dose Treatment with Cabergoline Induces Macroprolactinoma Shrinkage. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997, 82, 3574-3579.	3.6	146
5	Resting state networks in temporal lobe epilepsy. <i>Epilepsia</i> , 2013, 54, 2048-2059.	5.1	142
6	Effect of short-term synbiotic treatment on plasma p-cresol levels in patients with chronic renal failure: A randomized clinical trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1043-1049.	2.6	125
7	Modulation of ion channels by reactive oxygen and nitrogen species: a pathophysiological role in brain aging?. <i>Neurobiology of Aging</i> , 2002, 23, 819-834.	3.1	111
8	Protein-tyrosine Kinases Activate while Protein-tyrosine Phosphatases Inhibit L-type Calcium Channel Activity in Pituitary GH3 Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 9441-9446.	3.4	82
9	Energy-restricted, n-3 polyunsaturated fatty acids-rich diet improves the clinical response to immuno-modulating drugs in obese patients with plaque-type psoriasis: a randomized control clinical trial. <i>Clinical Nutrition</i> , 2014, 33, 399-405.	5.0	71
10	Lysosomal dysfunction disrupts presynaptic maintenance and restoration of presynaptic function prevents neurodegeneration in lysosomal storage diseases. <i>EMBO Molecular Medicine</i> , 2017, 9, 112-132.	6.9	65
11	In the neuronal cell line SH-SY5Y, oxidative stress-induced free radical overproduction causes cell death without any participation of intracellular Ca ²⁺ increase. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1452, 151-160.	4.1	61
12	Short-Term Changes in Body Composition and Response to Micronutrient Supplementation After Laparoscopic Sleeve Gastrectomy. <i>Obesity Surgery</i> , 2015, 25, 2344-2351.	2.1	50
13	Amyloid β -Induced Upregulation of Nav1.6 Underlies Neuronal Hyperactivity in Tg2576 Alzheimer's Disease Mouse Model. <i>Scientific Reports</i> , 2019, 9, 13592.	3.3	49
14	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.	2.5	42
15	Histamine Receptors and Antihistamines: From Discovery to Clinical Applications. <i>Chemical Immunology and Allergy</i> , 2014, 100, 214-226.	1.7	42
16	Neurobiology of coronaviruses: Potential relevance for COVID-19. <i>Neurobiology of Disease</i> , 2020, 143, 105007.	4.4	42
17	Differences in Apparent Pore Sizes of Low and High Voltage-activated Ca ²⁺ Channels. <i>Journal of Biological Chemistry</i> , 2002, 277, 45969-45976.	3.4	41
18	ncx1, ncx2, and ncx3 Gene Product Expression and Function in Neuronal Anoxia and Brain Ischemia. <i>Annals of the New York Academy of Sciences</i> , 2007, 1099, 413-426.	3.8	41

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19	Acute changes in growth hormone-releasing hormone secretion after injection of BIM 23014, a long acting somatostatin analog, in rams. <i>Life Sciences</i> , 1992, 51, 831-838.	4.3	38
20	An urokinase receptor antagonist that inhibits cell migration by blocking the formyl peptide receptor. <i>FEBS Letters</i> , 2008, 582, 1141-1146.	2.8	36
21	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.	7.1	35
22	Another view of GH neuroregulation: lessons from the sheep. <i>European Journal of Endocrinology</i> , 1997, 136, 553-565.	3.7	33
23	Cardiac safety of second-generation H ₁ -antihistamines when up dosed in chronic spontaneous urticaria. <i>Clinical and Experimental Allergy</i> , 2019, 49, 1615-1623.	2.9	33
24	Relationship between hypophyseal portal GHRH and somatostatin and peripheral GH levels in the conscious sheep. <i>Journal of Endocrinological Investigation</i> , 1994, 17, 717-722.	3.3	32
25	Pharmacological Blockade of ERG K ⁺ Channels and Ca ²⁺ Influx through Store-Operated Channels Exerts Opposite Effects on Intracellular Ca ²⁺ Oscillations in Pituitary GH ₃ Cells. <i>Molecular Pharmacology</i> , 2000, 58, 1115-1128.	2.3	32
26	The Changing Landscape of Voltage-Gated Calcium Channels in Neurovascular Disorders and in Neurodegenerative Diseases. <i>Current Neuropharmacology</i> , 2013, 11, 276-297.	2.9	32
27	Evidence That p-Cresol and IL-6 Are Adsorbed by the HFR Cartridge: Towards a New Strategy to Decrease Systemic Inflammation in Dialyzed Patients?. <i>PLoS ONE</i> , 2014, 9, e95811.	2.5	30
28	Effect of actively immunizing sheep against growth hormone-releasing hormone or somatostatin on spontaneous pulsatile and neostigmine-induced growth hormone secretion. <i>Journal of Endocrinology</i> , 1995, 144, 83-90.	2.6	29
29	T-type channel blocking properties and antiabsence activity of two imidazo[1,2-b]pyridazine derivatives structurally related to indomethacin. <i>Neuropharmacology</i> , 2009, 56, 637-646.	4.1	29
30	A novel homozygous KCNQ3 loss-of-function variant causes non-syndromic intellectual disability and neonatal-onset pharmacodependent epilepsy. <i>Epilepsia Open</i> , 2019, 4, 464-475.	2.4	29
31	The Antiepileptic Drug Levetiracetam Suppresses Non-Convulsive Seizure Activity and Reduces Ischemic Brain Damage in Rats Subjected to Permanent Middle Cerebral Artery Occlusion. <i>PLoS ONE</i> , 2013, 8, e80852.	2.5	29
32	Gender-related issues in the pharmacology of new anti-obesity drugs. <i>Obesity Reviews</i> , 2019, 20, 375-384.	6.5	28
33	Glutamate-Independent Calcium Toxicity. <i>Stroke</i> , 2007, 38, 661-664.	2.0	27
34	ERK1/2, p38, and JNK regulate the expression and the activity of the three isoforms of the Na ⁺ /Ca ²⁺ exchanger, NCX1, NCX2, and NCX3, in neuronal PC12 cells. <i>Journal of Neurochemistry</i> , 2012, 122, 911-922.	3.9	27
35	Plasma p-Cresol Lowering Effect of Sevelamer in Peritoneal Dialysis Patients: Evidence from a Cross-Sectional Observational Study. <i>PLoS ONE</i> , 2013, 8, e73558.	2.5	27
36	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.	2.5	26

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37	Biofilm-dependent airway infections: A role for ambroxol?. Pulmonary Pharmacology and Therapeutics, 2014, 28, 98-108.	2.6	26
38	Nitric oxide induces $[Ca^{2+}]_i$ oscillations in pituitary GH3 cells: involvement of IDR and ERG K ⁺ currents. American Journal of Physiology - Cell Physiology, 2006, 290, C233-C243.	4.6	24
39	Neuroprotective Effect of VEGF-Mimetic Peptide QK in Experimental Brain Ischemia Induced in Rat by Middle Cerebral Artery Occlusion. ACS Chemical Neuroscience, 2015, 6, 1517-1525.	3.5	24
40	Acute stress stimulates secretion of GHRH and somatostatin into hypophysial portal blood of conscious sheep. Neuroscience Letters, 1994, 178, 103-106.	2.1	22
41	Effects of metyrapone infusion on corticotropin-releasing factor and arginine vasopressin secretion into the hypophysial portal blood of conscious, unrestrained rams. European Journal of Endocrinology, 1992, 127, 435-440.	3.7	21
42	Effect of a Short-Course Treatment with Synbiotics on Plasma p-Cresol Concentration in Kidney Transplant Recipients. Journal of the American College of Nutrition, 2017, 36, 586-591.	1.8	21
43	Predictors of fat-free mass loss 1 year after laparoscopic sleeve gastrectomy. Journal of Endocrinological Investigation, 2018, 41, 1307-1315.	3.3	21
44	Zn ²⁺ Slows Down CaV3.3 Gating Kinetics: Implications for Thalamocortical Activity. Journal of Neurophysiology, 2007, 98, 2274-2284.	1.8	19
45	Genetically Modified Mice as a Strategy to Unravel the Role Played by the Na ⁺ /Ca ²⁺ Exchanger in Brain Ischemia and in Spatial Learning and Memory Deficits. Advances in Experimental Medicine and Biology, 2013, 961, 213-222.	1.6	19
46	Involvement of phosphodiesterase-cGMP-PKG pathway in intracellular Ca ²⁺ oscillations in pituitary GH3 cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 1999, 1449, 186-193.	4.1	18
47	Effect of chronic active immunization anti-corticotropin-releasing factor on the pituitary-adrenal function in the sheep. Endocrinology, 1992, 130, 2291-2298.	2.8	17
48	Dietary Intake as a Link between Obesity, Systemic Inflammation, and the Assumption of Multiple Cardiovascular and Antidiabetic Drugs in Renal Transplant Recipients. BioMed Research International, 2013, 2013, 1-8.	1.9	15
49	Transcriptional Regulation of ncx1 Gene in the Brain. Advances in Experimental Medicine and Biology, 2013, 961, 137-145.	1.6	14
50	Identification of sarcopenia and dynapenia in CKD predialysis patients with EGWSOP2 criteria: An observational, cross-sectional study. Nutrition, 2020, 78, 110815.	2.4	13
51	Neostigmine stimulates growth hormone-releasing hormone release into hypophysial portal blood of conscious sheep. Endocrinology, 1993, 132, 1247-1251.	2.8	13
52	Effects of manidipine and nitrendipine enantiomers on the plateau phase of K ⁺ -induced intracellular Ca ²⁺ increase in GH3 cells. European Journal of Pharmacology, 1999, 376, 169-178.	3.5	12
53	Involvement of inward rectifier and M-type currents in carbachol-induced epileptiform synchronization. Neuropharmacology, 2011, 60, 653-661.	4.1	12
54	Effects of a Diet Rich in N-3 Polyunsaturated Fatty Acids on Systemic Inflammation in Renal Transplant Recipients. Journal of the American College of Nutrition, 2013, 32, 375-383.	1.8	12

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55	Prevalence of obesity and obesity-associated muscle wasting in patients on peritoneal dialysis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 1390-1399.	2.6	11
56	Serum Thyrotropin Response to Combined Arginine and Thyrotropin-Releasing Hormone Administration Provides Evidence for an Altered Somatostatinergic Tone in Acromegaly. <i>Hormone Research</i> , 1992, 37, 7-13.	1.8	10
57	Role of the Na ⁺ -Ca ²⁺ and Na ⁺ -H ⁺ antiporters in prolactin release from anterior pituitary cells in primary culture. <i>European Journal of Pharmacology</i> , 1995, 294, 11-15.	3.5	10
58	From the Ketogenic Diet to the Mediterranean Diet: The Potential Dietary Therapy in Patients with Obesity after CoVID-19 Infection (Post CoVID Syndrome). <i>Current Obesity Reports</i> , 2022, , .	8.4	10
59	The impact of a nutritional intervention based on egg white for phosphorus control in hemodialysis patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2019, 29, 45-50.	2.6	9
60	Findings from Studies Are Congruent with Obesity Having a Viral Origin, but What about Obesity-Related NAFLD?. <i>Viruses</i> , 2021, 13, 1285.	3.3	9
61	Effect of chronic active immunization with antiarginine vasopressin on pituitary-adrenal function in sheep. <i>Endocrinology</i> , 1992, 130, 3007-3014.	2.8	9
62	Carbachol-induced network oscillations in an in vitro limbic system brain slice. <i>Neuroscience</i> , 2017, 348, 153-164.	2.3	8
63	The evolving concept of the intrinsic hippocampal theta gamma oscillator. <i>Frontiers in Bioscience - Scholar</i> , 2018, 10, 143-165.	2.1	8
64	Role of growth hormone (GH)-releasing hormone and somatostatin in the mediation of clonidine-induced GH release in sheep. <i>Endocrinology</i> , 1994, 134, 562-567.	2.8	8
65	Effect of a short-term treatment with recombinant growth hormone (GH) on adrenal responsiveness to corticotrophin stimulation in children affected by isolated GH deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1992, 74, 1210-1214.	3.6	8
66	1,4-dihydropyridines: the multiple personalities of a blockbuster drug family. <i>Translational Medicine @ UniSa</i> , 2012, 4, 12-26.	0.5	8
67	Evaluation of GH Paradoxical Responses to TRH and LHRH in Acromegalic Patients during Long-Term Treatment with Octreotide. <i>Hormone Research</i> , 1992, 37, 18-22.	1.8	7
68	Effect of tianeptine on the hypothalamic somatotrophic axis in the conscious sheep. <i>European Journal of Pharmacology</i> , 1994, 253, 149-153.	3.5	7
69	Utilization of antihypertensive drugs in obesity-related hypertension: a retrospective observational study in a cohort of patients from Southern Italy. <i>BMC Pharmacology & Toxicology</i> , 2016, 17, 9.	2.4	7
70	Alpha-Melanocyte-Stimulating Hormone Is Present in the Inferior Petrosal Sinuses in Patients with Cushing's Disease. <i>Neuroendocrinology</i> , 1993, 58, 227-233.	2.5	5
71	Single-unit Activity in the in vitro Entorhinal Cortex During Carbachol-induced Field Oscillations. <i>Neuroscience</i> , 2018, 379, 1-12.	2.3	5
72	Cardiovascular effects of antiobesity drugs: are the new medicines all the same?. <i>International Journal of Obesity Supplements</i> , 2020, 10, 14-26.	12.6	5

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73	New Avenues for Treatment and Prevention of Drug-Induced Steatosis and Steatohepatitis: Much More Than Antioxidants. <i>Advances in Therapy</i> , 2021, 38, 2094-2113.	2.9	5
74	The Cholinergic and ACE-2-Dependent Anti-Inflammatory Systems in the Lung: New Scenarios Emerging From COVID-19. <i>Frontiers in Physiology</i> , 2021, 12, 653985.	2.8	5
75	Reticulocyte Hemoglobin Content Helps Avoid Iron Overload in Hemodialysis Patients: A Retrospective Observational Study. <i>In Vivo</i> , 2017, 31, 709-712.	1.3	4
76	Steatosis, Steatohepatitis and Cancer Immunotherapy: An Intricate Story. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12947.	4.1	4
77	Preliminary Finding on a New Calcium Channel Entry Blocker Chemotype: 5,6-Diamino-4-hydroxy-2-mercaptopyrimidine Derivatives. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 5597-5601.	6.4	3
78	VEGF mimic peptides: Potential applications in central nervous system therapeutics. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 3, 233.	0.1	3
79	Further Evaluation of IGF-I Responsiveness to ACTH in Children Affected with IGHD. <i>Hormone Research</i> , 1992, 38, 150-153.	1.8	2
80	First- and second-generation H1 antihistamines: from the molecular basis of their interaction with HERG K+ channels to physiological and pathophysiological implication. <i>Clinical and Experimental Allergy Reviews</i> , 2004, 4, 183-190.	0.3	2
81	Neurological risks and benefits of cytokine-based treatments in coronavirus disease 2019: from preclinical to clinical evidence. <i>British Journal of Pharmacology</i> , 2021, , .	5.4	2
82	Comparison of the everolimus concentrations measured in whole blood with everolimus QMS or sirolimus CMIA. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2018, 78, 275-280.	1.2	1
83	Facilitators and barriers for the implementation of a telemedicine program in nutrition during the COVID-19 pandemic. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 2987-2988.	2.6	1
84	Preclinical characterization of eleven new Cys-PEGylated hGH mutants. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 147.	0.1	0
85	Long-Term and Low-Dose Treatment with Cabergoline Induces Macroprolactinoma Shrinkage. <i>Obstetrical and Gynecological Survey</i> , 1998, 53, 287-289.	0.4	0
86	Flavonoids and ω -3-polyunsaturated fatty acid supplementation in renal transplant recipients: new arguments from COVID-19. <i>Journal of Nephrology</i> , 2022, 35, 95-97.	2.0	0