Alessandra Valerio

List of Publications by Year
in descending order

90 papers	6,031 citations	134610 34 h-index	81351 76 g-index
90 all docs	90 docs citations	90 times ranked	9191 citing authors

#	Article	IF	Citations
1	Front-of-pack (FOP) labelling systems to improve the quality of nutrition information to prevent obesity: NutrInform Battery vs Nutri-Score. Eating and Weight Disorders, 2022, 27, 1575-1584.	1.2	14
2	Front-of-pack (FOP) labelling systems, nutrition education, and obesity prevention: nutri-score and nutrinform battery need more research. Eating and Weight Disorders, 2022, 27, 2265-2266.	1.2	4
3	Molecular and metabolic effects of extra-virgin olive oil on the cardiovascular gene signature in rodents. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 1571-1582.	1.1	3
4	Therapeutic induction of energy metabolism reduces neural tissue damage and increases microglia activation in severe spinal cord injury. Pharmacological Research, 2022, 178, 106149.	3.1	17
5	An amino acid-defined diet impairs tumour growth in mice by promoting endoplasmic reticulum stress and mTOR inhibition. Molecular Metabolism, 2022, 60, 101478.	3.0	7
6	An original amino acid formula favours in vitro corneal epithelial wound healing by promoting Fn1, ITGB1, and PGC-1Î± expression. Experimental Eye Research, 2022, 219, 109060.	1.2	4
7	The role of primary school teachersâ€™ nutrition training in healthy eating promotion. Health Education Journal, 2022, 81, 554-572.	0.6	1
8	COVID-19 and Hartnup disease: an affair of intestinal amino acid malabsorption. Eating and Weight Disorders, 2021, 26, 1647-1651.	1.2	8
9	Broadband optical spectroscopy of the human adipose and muscle tissues: an in-vivo pilot study. , 2021, , .		0
10	The relationship between air pollution and diabetes: A study on the municipalities of the Metropolitan City of Milan. Diabetes Research and Clinical Practice, 2021, 174, 108748.	1.1	3
11	Paracetamol: A Review of Guideline Recommendations. Journal of Clinical Medicine, 2021, 10, 3420.	1.0	68
12	Essential amino acid formulations to prevent mitochondrial dysfunction and oxidative stress. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 88-95.	1.3	30
13	Targeting Multiple Mitochondrial Processes by a Metabolic Modulator Prevents Sarcopenia and Cognitive Decline in SAMP8 Mice. Frontiers in Pharmacology, 2020, 11, 1171.	1.6	31
14	Manipulation of Dietary Amino Acids Prevents and Reverses Obesity in Mice Through Multiple Mechanisms That Modulate Energy Homeostasis. Diabetes, 2020, 69, 2324-2339.	0.3	25
15	COVID-19 and fat embolism: a hypothesis to explain the severe clinical outcome in people with obesity. International Journal of Obesity, 2020, 44, 1800-1802.	1.6	25
16	A Special Amino-Acid Formula Tailored to Boosting Cell Respiration Prevents Mitochondrial Dysfunction and Oxidative Stress Caused by Doxorubicin in Mouse Cardiomyocytes. Nutrients, 2020, 12, 282.	1.7	27
17	Expanding the molecular and phenotypic spectrum of truncating MT-ATP6 mutations. Neurology: Genetics, 2020, 6, e381.	0.9	21
18	A new self-administered semi-quantitative food frequency questionnaire to estimate nutrient intake among Italian adults: development design and validation process. Nutrition Research, 2020, 80, 18-27.	1.3	7

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19	Complete neural stem cell (NSC) neuronal differentiation requires a branched chain amino acids-induced persistent metabolic shift towards energy metabolism. Pharmacological Research, 2020, 158, 104863.	3.1	27
20	Non-invasive investigation of adipose tissue by time domain diffuse optical spectroscopy. Biomedical Optics Express, 2020, 11, 2779.	1.5	20
21	Let food be the medicine, but not for coronavirus: Nutrition and food science, telling myths from facts. Journal of Population Therapeutics and Clinical Pharmacology, 2020, 27, e1-e4.	1.9	10
22	Obesity and Higher Risk for Severe Complications of Covid-19: What to do when the two pandemics meet. Journal of Population Therapeutics and Clinical Pharmacology, 2020, 27, e31-e36.	1.9	29
23	Experimental evidence on the efficacy of two new metabolic modulators on mitochondrial biogenesis and function in mouse cardiomyocytes. Canadian Journal of Clinical Pharmacology, 2020, 27, e12-e21.	1.1	4
24	Alpha-Synuclein Preserves Mitochondrial Fusion and Function in Neuronal Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-11.	1.9	20
25	A specific amino acid formula prevents alcoholic liver disease in rodents. American Journal of Physiology - Renal Physiology, 2018, 314, G566-G582.	1.6	33
26	Amino acid supplements and metabolic health: a potential interplay between intestinal microbiota and systems control. Genes and Nutrition, 2017, 12, 27.	1.2	40
27	Mitochondria and Î±-Synuclein: Friends or Foes in the Pathogenesis of Parkinsonâ€™s Disease?. Genes, 2017, 8, 377.	1.0	48
28	A Peculiar Formula of Essential Amino Acids Prevents Rosuvastatin Myopathy in Mice. Antioxidants and Redox Signaling, 2016, 25, 595-608.	2.5	23
29	Nitric oxide, interorganelle communication, and energy flow: a novel route to slow aging. Frontiers in Cell and Developmental Biology, 2015, 3, 6.	1.8	30
30	Family lifestyle and childhood obesity in an urban city of Northern Italy. Eating and Weight Disorders, 2015, 20, 363-370.	1.2	6
31	Exercise Training Induces Mitochondrial Biogenesis and Glucose Uptake in Subcutaneous Adipose Tissue Through eNOS-Dependent Mechanisms. Diabetes, 2014, 63, 2800-2811.	0.3	139
32	Exercise training boosts eNOS-dependent mitochondrial biogenesis in mouse heart: role in adaptation of glucose metabolism. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E519-E528.	1.8	96
33	Healthspan and Longevity in Mammals: A Family Game for Cellular Organelles?. Current Pharmaceutical Design, 2014, 20, 5663-5670.	0.9	8
34	Childhood obesity, overweight and underweight: a study in primary schools in Milan. Eating and Weight Disorders, 2013, 18, 183-191.	1.2	12
35	Branched-chain amino acids, mitochondrial biogenesis, and healthspan: an evolutionary perspective. Aging, 2011, 3, 464-478.	1.4	166
36	Glycogen synthase kinaseâ€3 inhibition reduces ischemic cerebral damage, restores impaired mitochondrial biogenesis and prevents ROS production. Journal of Neurochemistry, 2011, 116, 1148-1159.	2.1	105

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37	Cannabinoid Receptor Stimulation Impairs Mitochondrial Biogenesis in Mouse White Adipose Tissue, Muscle, and Liver. Diabetes, 2010, 59, 2826-2836.	0.3	133
38	CB1 Signaling in Forebrain and Sympathetic Neurons Is a Key Determinant of Endocannabinoid Actions on Energy Balance. Cell Metabolism, 2010, 11, 273-285.	7.2	190
39	Branched-Chain Amino Acid Supplementation Promotes Survival and Supports Cardiac and Skeletal Muscle Mitochondrial Biogenesis in Middle-Aged Mice. Cell Metabolism, 2010, 12, 362-372.	7.2	467
40	Leptin Is Induced in the Ischemic Cerebral Cortex and Exerts Neuroprotection Through NF-Î¹B/c-Relâ€“Dependent Transcription. Stroke, 2009, 40, 610-617.	1.0	83
41	Response to Letter by Tsuda. Stroke, 2009, 40, .	1.0	0
42	Targeting IKK2 by pharmacological inhibitor AS602868 prevents excitotoxic injury to neurons and oligodendrocytes. Journal of Neural Transmission, 2008, 115, 693-701.	1.4	11
43	Leptin-dependent STAT3 phosphorylation in postnatal mouse hypothalamus. Brain Research, 2008, 1215, 105-115.	1.1	51
44	Cannabinoid Type 1 Receptor Blockade Promotes Mitochondrial Biogenesis Through Endothelial Nitric Oxide Synthase Expression in White Adipocytes. Diabetes, 2008, 57, 2028-2036.	0.3	131
45	Chemokine detection in the cerebral tissue of patients with posttraumatic brain contusions. Journal of Neurosurgery, 2008, 108, 958-962.	0.9	51
46	Serum leptin levels are higher in females affected by frontotemporal lobar degeneration than Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2007, 79, 712-715.	0.9	12
47	NF-Î¹B pathway: a target for preventing Î²-amyloid (AÎ²)-induced neuronal damage and AÎ²42 production. European Journal of Neuroscience, 2006, 23, 1711-1720.	1.2	131
48	White adipocytes are less prone to apoptotic stimuli than brown adipocytes in rodent. Cell Death and Differentiation, 2006, 13, 2154-2156.	5.0	17
49	Leptin Increases Axonal Growth Cone Size in Developing Mouse Cortical Neurons by Convergent Signals Inactivating Glycogen Synthase Kinase-3Î². Journal of Biological Chemistry, 2006, 281, 12950-12958.	1.6	86
50	TNF-Â downregulates eNOS expression and mitochondrial biogenesis in fat and muscle of obese rodents. Journal of Clinical Investigation, 2006, 116, 2791-2798.	3.9	265
51	Calorie Restriction Promotes Mitochondrial Biogenesis by Inducing the Expression of eNOS. Science, 2005, 310, 314-317.	6.0	1,009
52	Gene expression profile activated by the chemokine CCL5/RANTES in human neuronal cells. Journal of Neuroscience Research, 2004, 78, 371-382.	1.3	42
53	Prevention of neuron and oligodendrocyte degeneration by interleukin-6 (IL-6) and IL-6 receptor/IL-6 fusion protein in organotypic hippocampal slices. Molecular and Cellular Neurosciences, 2004, 25, 301-311.	1.0	84
54	Mitochondrial Biogenesis in Mammals: The Role of Endogenous Nitric Oxide. Science, 2003, 299, 896-899.	6.0	1,110

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55	Soluble Interleukin-6 (IL-6) Receptor/IL-6 Fusion Protein Enhances in Vitro Differentiation of Purified Rat Oligodendroglial Lineage Cells. Molecular and Cellular Neurosciences, 2002, 21, 602-615.	1.0	71
56	Spinal cord mGlu1a receptorsPossible target for amyotrophic lateral sclerosis therapy. Pharmacology Biochemistry and Behavior, 2002, 73, 447-454.	1.3	16
57	Expression of functional NR1/NR2B-type NMDA receptors in neuronally differentiated SK-N-SH human cell line. European Journal of Neuroscience, 2002, 16, 2342-2350.	1.2	56
58	Identification of novel alternatively-spliced mRNA isoforms of metabotropic glutamate receptor 6 gene in rat and human retina. Gene, 2001, 262, 99-106.	1.0	21
59	Alternative splicing of mGlu6 gene generates a truncated glutamate receptor in rat retina. NeuroReport, 2001, 12, 2711-2715.	0.6	12
60	Neuroprotection by metabotropic glutamate receptor agonists on kainate-induced degeneration of motor neurons in spinal cord slices from adult rat. Neuropharmacology, 2000, 39, 903-910.	2.0	52
61	Hypocretins or hyporexins?. Nature Medicine, 1998, 4, 645-645.	15.2	4
62	Opposing regulation of tau protein levels by ionotropic and metabotropic glutamate receptors in human NT2 neurons. Neuroscience Letters, 1998, 243, 77-80.	1.0	16
63	Metabotropic glutamate receptor mRNA expression in rat spinal cord. NeuroReport, 1997, 8, 2695-2699.	0.6	109
64	mGluR5 metabotropic glutamate receptor distribution in rat and human spinal cord: a developmental study. Neuroscience Research, 1997, 28, 49-57.	1.0	90
65	Lewy-body dementia and responsiveness to cholinesterase inhibitors: a paradigm for heterogeneity of Alzheimer's disease?. Trends in Pharmacological Sciences, 1996, 17, 155-160.	4.0	47
66	Opposing regulation of amyloid precursor protein by ionotropic and metabotropic glutamate receptors. NeuroReport, 1995, 6, 1317-1321.	0.6	20
67	Inhibition of Glutamate-induced Neurotoxicity by a Tau Antisense Oligonucleotide in Primary Culture of Rat Cerebellar Granule Cells. European Journal of Neuroscience, 1995, 7, 1603-1613.	1.2	22
68	Identification and Characterization of a Î²B/Rel Binding Site in the Regulatory Region of the Amyloid Precursor Protein Gene. Journal of Biological Chemistry, 1995, 270, 26774-26777.	1.6	88
69	Molecular mechanisms of glutamate-induced neurodegeneration. International Review of Psychiatry, 1995, 7, 339-348.	1.4	2
70	Differential expression of fetal and mature tau isoforms in primary cultures of rat cerebellar granule cells during differentiation in vitro. Molecular Brain Research, 1995, 34, 38-44.	2.5	14
71	Tau protein immunolocalization in fetal and adult human spinal cord. Neuroscience Research, 1995, 22, 197-202.	1.0	5
72	Amyloid Precursor Protein (APP) Gene Expression is Controlled by a NFkB/Rel Related Protein. Advances in Behavioral Biology, 1995, , 105-110.	0.2	2

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73	Inhibition of Excitatory Amino Acid-Induced Neurotoxicity by a Tau Antisense Oligonucleotide in Primary Culture of Cerebellar Granule Cells. Advances in Behavioral Biology, 1995, , 669-675.	0.2	0
74	Antisense strategy unravels tau proteins as molecular risk factors for glutamate-induced neurodegeneration. Cellular and Molecular Neurobiology, 1994, 14, 569-578.	1.7	5
75	Dopamine D2, D3, and D4 receptor mRNA levels in rat brain and pituitary during aging. Neurobiology of Aging, 1994, 15, 713-719.	1.5	68
76	Deafferentation induces early and delayed differential changes in the pattern of expression of the various guanine nucleotide binding protein mRNAs in rat striatum. Neuroscience Letters, 1993, 164, 109-112.	1.0	2
77	A Tau antisense oligonucleotide decreases neurone sensitivity to excitotoxic injury. NeuroReport, 1993, 4, 823-826.	0.6	20
78	Rat pituitary cells selectively express mRNA encoding the short isoform of the Î³2 GABAA receptor subunit. Molecular Brain Research, 1992, 13, 145-150.	2.5	17
79	Differential pattern of expression of g proteins in nucleus striatum from 6-hydroxydopamine lesioned rats. Pharmacological Research, 1992, 25, 107-108.	3.1	0
80	Pharmacological basis for dopamine D-2 receptor diversity. Neurochemistry International, 1992, 20, 185-187.	1.9	1
81	Various Ca2+ entry blockers prevent glutamate-induced neurotoxicity. European Journal of Pharmacology, 1991, 209, 169-173.	1.7	41
82	Potassium channels involved in the transduction mechanism of dopamine D2 receptors in rat lactotrophs.. Journal of Physiology, 1989, 410, 251-265.	1.3	56
83	Modifications of brain electrical activity after activation of the benzodiazepine receptor types in rats and rabbits. Pharmacology Biochemistry and Behavior, 1988, 29, 785-790.	1.3	14
84	Electroencephalographic changes after short-term exposure to agonists of benzodiazepine receptors in the rat. Pharmacology Biochemistry and Behavior, 1988, 29, 791-795.	1.3	12
85	Dopamine D2 receptor stimulation inhibits inositol phosphate generating system in rat striatal slices. Brain Research, 1988, 456, 235-240.	1.1	49
86	A superfusion method for the study of calcium fluxes from pituitary cells. Journal of Pharmacological Methods, 1988, 19, 263-266.	0.7	0
87	Evidence for multiple transduction mechanisms of dopamine D-2 receptors. Pharmacological Research Communications, 1987, 19, 949-950.	0.2	0
88	Identification of Neurotensin Receptors Associated with Calcium Channels and Prolactin Release in Rat Pituitary. Journal of Neurochemistry, 1986, 47, 1682-1688.	2.1	41
89	Dopaminergic Inhibition of Prolactin Release and Calcium Influx Induced by Neurotensin in Anterior Pituitary Is Independent of Cyclic AMP System. Journal of Neurochemistry, 1986, 47, 1689-1695.	2.1	73
90	Cellular mechanisms for neurotensin receptor-mediated release of prolactin. Regulatory Peptides, 1985, 10, 203-208.	1.9	1