

Lory Santarelli

List of Publications by Year in descending order

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Version: 2024-02-01

90
papers

3,059
citations

126901

33
h-index

182417

51
g-index

93
all docs

93
docs citations

93
times ranked

4596
citing authors

#	ARTICLE	IF	CITATIONS
1	Exosome-derived microRNAs in cancer metabolism: possible implications in cancer diagnostics and therapy. <i>Experimental and Molecular Medicine</i> , 2017, 49, e285-e285.	7.7	169
2	Plasma copper/zinc ratio: an inflammatory/nutritional biomarker as predictor of all-cause mortality in elderly population. <i>Biogerontology</i> , 2010, 11, 309-319.	3.9	145
3	Exosomal miR-126 as a circulating biomarker in non-small-cell lung cancer regulating cancer progression. <i>Scientific Reports</i> , 2017, 7, 15277.	3.3	121
4	Reversibility of the thymic involution and of age-related peripheral immune dysfunctions by zinc supplementation in old mice. <i>International Journal of Immunopharmacology</i> , 1995, 17, 703-718.	1.1	112
5	Clinical significance of circulating miR-126 quantification in malignant mesothelioma patients. <i>Clinical Biochemistry</i> , 2012, 45, 575-581.	1.9	93
6	Association of MiR-126 with Soluble Mesothelin-Related Peptides, a Marker for Malignant Mesothelioma. <i>PLoS ONE</i> , 2011, 6, e18232.	2.5	93
7	Rotating-shift nurses after a day off: peripheral clock gene expression, urinary melatonin, and serum 17- β -estradiol levels. <i>Scandinavian Journal of Work, Environment and Health</i> , 2014, 40, 295-304.	3.4	86
8	MicroRNA-126 Suppresses Mesothelioma Malignancy by Targeting IRS1 and Interfering with the Mitochondrial Function. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2109-2125.	5.4	85
9	The immuno-reconstituting effect of melatonin or pineal grafting and its relation to zinc pool in aging mice. <i>Journal of Neuroimmunology</i> , 1994, 53, 189-201.	2.3	78
10	Effect of lead on the levels of some immunoregulatory cytokines in occupationally exposed workers. <i>Human and Experimental Toxicology</i> , 2007, 26, 551-556.	2.2	73
11	Presence of links between zinc and melatonin during the circadian cycle in old mice: effects on thymic endocrine activity and on the survival. <i>Journal of Neuroimmunology</i> , 1998, 86, 111-122.	2.3	60
12	Circadian Modulation of 8-Oxoguanine DNA Damage Repair. <i>Scientific Reports</i> , 2015, 5, 13752.	3.3	58
13	Assessment of cardiovascular risk in shift healthcare workers. <i>European Journal of Cardiovascular Prevention and Rehabilitation</i> , 2008, 15, 224-229.	2.8	57
14	Profiling Tumor-Associated Markers for Early Detection of Malignant Mesothelioma: An Epidemiologic Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 163-170.	2.5	53
15	Relationship of Job Satisfaction, Psychological Distress and Stress-Related Biological Parameters among Healthy Nurses: A Longitudinal Study. <i>Journal of Occupational Health</i> , 2010, 52, 31-38.	2.1	53
16	Combined circulating epigenetic markers to improve mesothelin performance in the diagnosis of malignant mesothelioma. <i>Lung Cancer</i> , 2015, 90, 457-464.	2.0	51
17	Rotating Shift-Work as an Independent Risk Factor for Overweight Italian Workers: A Cross-Sectional Study. <i>PLoS ONE</i> , 2013, 8, e63289.	2.5	50
18	Inducers of Senescence, Toxic Compounds, and Senolytics: The Multiple Faces of Nrf2-Activating Phytochemicals in Cancer Adjuvant Therapy. <i>Mediators of Inflammation</i> , 2018, 2018, 1-32.	3.0	49

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19	Zinc, thymic endocrine activity and mitogen responsiveness (PHA) in piglets exposed to maternal aflatoxicosis B1 and G1. <i>Veterinary Immunology and Immunopathology</i> , 1998, 62, 245-260.	1.2	48
20	Melatonin administration in tumor-bearing mice (intact and pinealectomized) in relation to stress, zinc, thymulin and IL-2. <i>International Journal of Immunopharmacology</i> , 1999, 21, 27-46.	1.1	47
21	In vitro effect of aspartame in angiogenesis induction. <i>Toxicology in Vitro</i> , 2011, 25, 286-293.	2.4	46
22	Peripheral Skin Temperature and Circadian Biological Clock in Shift Nurses after a Day off. <i>International Journal of Molecular Sciences</i> , 2016, 17, 623.	4.1	46
23	MicroRNA in Metabolic Re-Programming and Their Role in Tumorigenesis. <i>International Journal of Molecular Sciences</i> , 2016, 17, 754.	4.1	44
24	Exosomal transfer of miR-126 promotes the anti-tumour response in malignant mesothelioma: Role of miR-126 in cancer-stroma communication. <i>Cancer Letters</i> , 2019, 463, 27-36.	7.2	42
25	Influence of Shift-work on Selected Immune Variables in Nurses. <i>Industrial Health</i> , 2011, 49, 597-604.	1.0	41
26	Cytotoxicity, oxidative stress and genotoxicity induced by glass fibers on human alveolar epithelial cell line A549. <i>Toxicology in Vitro</i> , 2015, 29, 551-557.	2.4	41
27	MicroRNA-126 induces autophagy by altering cell metabolism in malignant mesothelioma. <i>Oncotarget</i> , 2016, 7, 36338-36352.	1.8	41
28	Plasticity of neuroendocrine-thymus interactions during ontogeny and ageing: Role of zinc and arginine. <i>Ageing Research Reviews</i> , 2006, 5, 281-309.	10.9	40
29	Use of potential dietary phytochemicals to target miRNA: Promising option for breast cancer prevention and treatment?. <i>Journal of Functional Foods</i> , 2017, 28, 177-193.	3.4	39
30	Role of nicotinamide N-methyltransferase in non-small cell lung cancer: <i>in vitro</i> effect of shRNA-mediated gene silencing on tumourigenicity. <i>Biological Chemistry</i> , 2015, 396, 225-234.	2.5	37
31	Circulating epigenetic biomarkers in lung malignancies: From early diagnosis to therapy. <i>Lung Cancer</i> , 2017, 107, 65-72.	2.0	36
32	Epigenetic Regulation of miRNA Expression in Malignant Mesothelioma: miRNAs as Biomarkers of Early Diagnosis and Therapy. <i>Frontiers in Oncology</i> , 2019, 9, 1293.	2.8	36
33	Zinc and metallothioneins on cellular immune effectiveness during liver regeneration in young and old mice. <i>Life Sciences</i> , 1997, 61, 1125-1145.	4.3	35
34	Circadian gene expression and extremely low-frequency magnetic fields: An in vitro study. <i>Bioelectromagnetics</i> , 2015, 36, 294-301.	1.6	35
35	Alpha-Tocopheryl Succinate Inhibits Autophagic Survival of Prostate Cancer Cells Induced by Vitamin K3 and Ascorbate to Trigger Cell Death. <i>PLoS ONE</i> , 2012, 7, e52263.	2.5	33
36	Monocyte-macrophage system and polymorphonuclear leukocytes in workers exposed to low levels of metallic mercury. <i>Science of the Total Environment</i> , 2001, 270, 157-163.	8.0	32

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37	Maternal dietary loads of $\hat{\alpha}$ -tocopherol depress protein kinase C signaling and synaptic plasticity in rat postnatal developing hippocampus and promote permanent deficits in adult offspring. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 60-70.	4.2	32
38	MicroRNA regulation of cancer metabolism: role in tumour suppression. <i>Mitochondrion</i> , 2014, 19, 29-38.	3.4	32
39	Detection of pleural plaques in workers exposed to inhalation of natural fluoro-edenite fibres. <i>Oncology Letters</i> , 2015, 9, 2046-2052.	1.8	31
40	Natural carcinogenic fiber and pleural plaques assessment in a general population: A cross-sectional study. <i>Environmental Research</i> , 2016, 150, 23-29.	7.5	30
41	Assessment of Biomarkers in asbestos-exposed workers as indicators of cancer risk. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 655, 52-58.	1.7	28
42	Role of the Low Zinc Bioavailability on Cellular Immune Effectiveness in Cystic Fibrosis. <i>Clinical Immunology and Immunopathology</i> , 1995, 75, 214-224.	2.0	27
43	Biological effects and comparative cytotoxicity of thermal transformed asbestos-containing materials in a human alveolar epithelial cell line. <i>Toxicology in Vitro</i> , 2010, 24, 1521-1531.	2.4	27
44	Regulation of microRNA using promising dietary phytochemicals: Possible preventive and treatment option of malignant mesothelioma. <i>Biomedicine and Pharmacotherapy</i> , 2017, 94, 1197-1224.	5.6	27
45	Serum lipid, lipoprotein and apolipoprotein profiles in workers exposed to low arsenic levels. <i>Toxicology Letters</i> , 2018, 282, 49-56.	0.8	27
46	Four-miRNA Signature to Identify Asbestos-Related Lung Malignancies. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 119-126.	2.5	27
47	$\hat{\alpha}$ -Tocopheryl succinate promotes selective cell death induced by vitamin K3 in combination with ascorbate. <i>British Journal of Cancer</i> , 2010, 102, 1224-1234.	6.4	26
48	Thrombomodulin Is Silenced in Malignant Mesothelioma by a Poly(ADP-ribose) Polymerase-1-mediated Epigenetic Mechanism. <i>Journal of Biological Chemistry</i> , 2011, 286, 19478-19488.	3.4	26
49	Gestational Hypertension and Organophosphorus Pesticide Exposure: A Cross-Sectional Study. <i>BioMed Research International</i> , 2015, 2015, 1-5.	1.9	26
50	$\hat{\alpha}$ -Lipoic Acid Modulates Extracellular Matrix and Angiogenesis Gene Expression in Non-Healing Wounds Treated with Hyperbaric Oxygen Therapy. <i>Molecular Medicine</i> , 2008, 14, 175-183.	4.4	25
51	DNA damage response in workers exposed to low-dose ionising radiation. <i>Occupational and Environmental Medicine</i> , 2018, 75, 724-729.	2.8	25
52	BRCA1 and BRCA2 Gene Expression: Diurnal Variability and Influence of Shift Work. <i>Cancers</i> , 2019, 11, 1146.	3.7	25
53	Malignant Mesothelioma: Biology, Diagnosis and Therapeutic Approaches. <i>Current Molecular Pharmacology</i> , 2009, 2, 190-206.	1.5	25
54	Thyroid and thymic endocrine function and survival in severely traumatized patients with or without head injury. <i>Intensive Care Medicine</i> , 1995, 21, 334-341.	8.2	23

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55	Effects of potential neurotoxic pesticides on hearing loss: A review. <i>NeuroToxicology</i> , 2014, 42, 24-32.	3.0	23
56	Sheep lymph-nodes as a biological indicator of environmental exposure to fluoro-edenite. <i>Environmental Research</i> , 2016, 147, 97-101.	7.5	22
57	The Zinc-Melatonin Interrelationship.. <i>Annals of the New York Academy of Sciences</i> , 1994, 719, 298-307.	3.8	21
58	In vitro and in vivo effects of mercuric chloride on thymic endocrine activity, NK and NKT cell cytotoxicity, cytokine profiles (IL-2, IFN- γ , IL-6): Role of the nitric oxide-l-arginine pathway. <i>International Immunopharmacology</i> , 2006, 6, 376-389.	3.8	21
59	Biomarkers for Early Detection of Malignant Mesothelioma: Diagnostic and Therapeutic Application. <i>Cancers</i> , 2010, 2, 523-548.	3.7	17
60	MiR-126 in intestinal-type sinonasal adenocarcinomas: exosomal transfer of MiR-126 promotes anti-tumour responses. <i>BMC Cancer</i> , 2018, 18, 896.	2.6	17
61	Asbestos exposure affects poly(ADP-ribose) polymerase-1 activity: role in asbestos-induced carcinogenesis. <i>Mutagenesis</i> , 2011, 26, 585-591.	2.6	16
62	A New Method for the Experimental Assessment of Finger Haemodynamic Effects Induced by a Hydraulic Breaker in Operative Conditions. <i>Journal of Occupational Health</i> , 2004, 46, 253-259.	2.1	15
63	Crystalline silica induces apoptosis in human endothelial cells in vitro. <i>Cell Biology and Toxicology</i> , 2004, 20, 97-108.	5.3	14
64	<i>NOCTURNIN</i> Gene Diurnal Variation in Healthy Volunteers and Expression Levels in Shift Workers. <i>BioMed Research International</i> , 2019, 2019, 1-8.	1.9	13
65	Effect of ascorbic acid-rich diet on in vivo-induced oxidative stress. <i>British Journal of Nutrition</i> , 2012, 107, 1645-1654.	2.3	12
66	Angiogenic effect induced by mineral fibres. <i>Toxicology</i> , 2011, 288, 34-42.	4.2	11
67	Mechanism of miR-222 and miR-126 regulation and its role in asbestos-induced malignancy. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 121, 105700.	2.8	11
68	Sub-apoptotic dosages of pro-oxidant vitamin cocktails sensitize human melanoma cells to NK cell lysis. <i>Oncotarget</i> , 2015, 6, 31039-31049.	1.8	11
69	Wood dust exposure induces cell transformation through EGFR-mediated OGG1 inhibition. <i>Mutagenesis</i> , 2015, 30, 487-497.	2.6	9
70	Allyl Isothiocyanate Exhibits No Anticancer Activity in MDA-MB-231 Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 145.	4.1	9
71	Questioning the prognostic role of BAP-1 immunohistochemistry in malignant pleural mesothelioma: A single center experience with systematic review and meta-analysis. <i>Lung Cancer</i> , 2020, 146, 318-326.	2.0	9
72	Low Perceived Social Support Is Associated with CD8+CD57+ Lymphocyte Expansion and Increased TNF- α Levels. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	8

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73	Occupational Styrene Exposure Induces Stress-Responsive Genes Involved in Cytoprotective and Cytotoxic Activities. PLoS ONE, 2013, 8, e75401.	2.5	8
74	In vitro inhibition of thymulin production in mercury-exposed thymus of young mice. Science of the Total Environment, 2001, 270, 109-112.	8.0	7
75	Relation between psychosomatic disturbances and job stress in video display unit operators. Work, 2019, 64, 303-310.	1.1	7
76	Apoptotic mechanism activated by blue light and cisplatin in cutaneous squamous cell carcinoma cells. International Journal of Molecular Medicine, 2021, 47, .	4.0	7
77	Force-feeding malignant mesothelioma stem-cell like with exosome-delivered miR-126 induces tumour cell killing. Translational Oncology, 2022, 20, 101400.	3.7	7
78	L-Arginine normalizes NOS activity and zinc-MT homeostasis in the kidney of mice chronically exposed to inorganic mercury. Toxicology Letters, 2009, 189, 200-205.	0.8	6
79	Styrene Altered Clock Gene Expression in Serum-Shocked Cultured Human Fibroblasts. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1296-1298.	1.3	6
80	Exosomal miR-92a Concentration in the Serum of Shift Workers. Applied Sciences (Switzerland), 2020, 10, 430.	2.5	6
81	BRCA-associated protein 1 (BAP1) and miR-31 combination predicts outcomes in epithelioid malignant pleural mesothelioma. Journal of Thoracic Disease, 2021, 13, 5741-5751.	1.4	5
82	Diagnosis of asbestos-related pleuropulmonary diseases. Medicina Del Lavoro, 2006, 97, 463-74.	0.4	5
83	L-arginine Reduces Mercury Accumulation in Thymus of Mercury-exposed Mice: Role of Nitric Oxide Synthase Activity and Metallothioneins. Industrial Health, 2008, 46, 567-574.	1.0	4
84	Thymic Endocrine Function in Neuroendocrine Human Diseases. Annals of the New York Academy of Sciences, 1994, 741, 115-123.	3.8	3
85	Noninvasive Neonatal Thymus Graft into the Axillary Cavity Extends the Lifespan of Old Mice. Rejuvenation Research, 2010, 13, 288-291.	1.8	3
86	Risk of bacterial cross infection associated with inspiration through flow-based spirometers. American Journal of Infection Control, 2011, 39, 50-55.	2.3	3
87	Mitochondrial function as related to psychological distress in health care professionals. Psychosomatic Medicine, 2021, Publish Ahead of Print, .	2.0	3
88	Zinc, Insulin and IGF-I Interplay in Aging. Healthy Ageing and Longevity, 2017, , 57-90.	0.2	2
89	NGS-based miRNome identifies miR-449 cluster as marker of malignant transformation of sinonasal inverted papilloma. Oral Oncology, 2021, 122, 105554.	1.5	2
90	The Formidable Metamorphosis of the Salamander's Wool: Asbestos from Eternal Material to Awful Pathologies. , 2020, , 303-317.		0