

Francesco Curcio

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

3,239
citations

172457

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182427

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117
all docs

117
docs citations

117
times ranked

4932
citing authors

#	ARTICLE	IF	CITATIONS
1	Pericardial Cytokine "Storm" in a COVID-19 Patient: the Confirmation of a Hypothesis. <i>Inflammation</i> , 2022, 45, 1-5.	3.8	7
2	Validation of a Saliva-Based Test for the Molecular Diagnosis of SARS-CoV-2 Infection. <i>Disease Markers</i> , 2022, 2022, 1-8.	1.3	10
3	The Effect of Vitamin D3 and Silver Nanoparticles on HaCaT Cell Viability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1410.	4.1	10
4	Loss of Detection of sgN Precedes Viral Abridged Replication in COVID-19-Affected Patients" A Target for SARS-CoV-2 Propagation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1941.	4.1	4
5	Post"COVID-19 syndrome and humoral response association after 1 year in vaccinated and unvaccinated patients. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1140-1148.	6.0	35
6	Monitoring the SPREAD of the SARS-CoV-2 lineage B.1.621 in Udine, Italy. <i>Journal of Clinical Pathology</i> , 2022, 75, 712-714.	2.0	3
7	High T-cell response rate after COVID-19 vaccination in belimumab and rituximab recipients. <i>Journal of Autoimmunity</i> , 2022, 129, 102827.	6.5	19
8	Thyroid function tests, incongruent internally and with thyroid status, both in a pregnant woman and in her newborn daughter. <i>European Thyroid Journal</i> , 2022, 11, .	2.4	2
9	Cytokines from Bench to Bedside: A Retrospective Study Identifies a Definite Panel of Biomarkers to Early Assess the Risk of Negative Outcome in COVID-19 Patients. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4830.	4.1	8
10	Comment on: "SARS CoV-2 vaccine AND rituximab, timing is probably a key for a better vaccine response" by Verhoeven et al. <i>Joint Bone Spine</i> 2021;88:105258. <i>Joint Bone Spine</i> , 2022, , 105408.	1.6	1
11	Molecular Tumor Board: A bottom-up approach as method for change.. <i>Journal of Clinical Oncology</i> , 2022, 40, e13537-e13537.	1.6	0
12	Validation of a One-Step Reverse Transcription-Droplet Digital PCR (RT-ddPCR) Approach to Detect and Quantify SARS-CoV-2 RNA in Nasopharyngeal Swabs. <i>Disease Markers</i> , 2021, 2021, 1-6.	1.3	16
13	Mid-regional pro-adrenomedullin as a supplementary tool to clinical parameters in cases of suspicion of infection in the emergency department. <i>Expert Review of Molecular Diagnostics</i> , 2021, 21, 397-404.	3.1	14
14	Spaceflight Induced Disorders: Potential Nutritional Countermeasures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 666683.	4.1	11
15	Interleukin 6, soluble interleukin 2 receptor alpha (CD25), monocyte colony-stimulating factor, and hepatocyte growth factor linked with systemic hyperinflammation, innate immunity hyperactivation, and organ damage in COVID-19 pneumonia. <i>Cytokine</i> , 2021, 140, 155438.	3.2	44
16	Epilepsy and episodic ataxia type 2: family study and review of the literature. <i>Journal of Neurology</i> , 2021, 268, 4296-4302.	3.6	14
17	Pro-Inflammatory Microenvironment Modulates the Transfer of Mutated TP53 Mediated by Tumor Exosomes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6258.	4.1	9
18	Post-COVID-19 symptoms 6 months after acute infection among hospitalized and non-hospitalized patients. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1507-1513.	6.0	197

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19	Vitamin D3 Enriches Ceramide Content in Exosomes Released by Embryonic Hippocampal Cells. International Journal of Molecular Sciences, 2021, 22, 9287.	4.1	7
20	CORonavirus-19 mild to moderate pneumonia Management with blood Ozonization in patients with Respiratory failure (CORMOR) multicentric prospective randomized clinical trial. International Immunopharmacology, 2021, 98, 107874.	3.8	7
21	Immune Responses against SARS-CoV-2â€”Questions and Experiences. Biomedicines, 2021, 9, 1342.	3.2	10
22	Acute disseminated encephalomyelitis after SARS-CoV-2 vaccination. Clinical Neurology and Neurosurgery, 2021, 208, 106839.	1.4	70
23	Biomonitoring of urinary metals in athletes according to particulate matter air pollution before and after exercise. Environmental Science and Pollution Research, 2021, , 1.	5.3	1
24	Local occurrence and fast spread of B.1.1.7 lineage: A glimpse into Friuli Venezia Giulia. PLoS ONE, 2021, 16, e0261229.	2.5	0
25	Role of procalcitonin in predicting etiology in bacteremic patients: Report from a large single-center experience. Journal of Infection and Public Health, 2020, 13, 40-45.	4.1	21
26	Effect of 1,25(OH) ₂ Vitamin D3 in Mutant P53 Glioblastoma Cells: Involvement of Neutral Sphingomyelinase1. Cancers, 2020, 12, 3163.	3.7	11
27	A Streamlined Approach to Rapidly Detect SARS-CoV-2 Infection Avoiding RNA Extraction: Workflow Validation. Disease Markers, 2020, 2020, 1-5.	1.3	26
28	Acid and Neutral Sphingomyelinase Behavior in Radiation-Induced Liver Pyroptosis and in the Protective/Preventive Role of rMnSOD. International Journal of Molecular Sciences, 2020, 21, 3281.	4.1	14
29	Relationship between Fatty Acids Composition/Antioxidant Potential of Breast Milk and Maternal Diet: Comparison with Infant Formulas. Molecules, 2020, 25, 2910.	3.8	7
30	Biologically driven cut-off definition of lymphocyte ratios in metastatic breast cancer and association with exosomal subpopulations and prognosis. Scientific Reports, 2020, 10, 7010.	3.3	18
31	Circulating exosomes express $\alpha 4 \beta 7$ integrin and compete with CD4+ T cells for the binding to Vedolizumab. PLoS ONE, 2020, 15, e0242342.	2.5	8
32	Title is missing!. , 2020, 15, e0242342.		0
33	Title is missing!. , 2020, 15, e0242342.		0
34	Title is missing!. , 2020, 15, e0242342.		0
35	Title is missing!. , 2020, 15, e0242342.		0
36	Lactate Dehydrogenase (LDH) Response to First-Line Treatment Predicts Survival in Metastatic Breast Cancer: First Clues for A Cost-Effective and Dynamic Biomarker. Cancers, 2019, 11, 1243.	3.7	40

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37	Toll-like Receptor-4 Activation Boosts the Immunosuppressive Properties of Tumor Cells-derived Exosomes. <i>Scientific Reports</i> , 2019, 9, 8457.	3.3	23
38	Neutral Sphingomyelinase Modulation in the Protective/Preventive Role of rMnSOD from Radiation-Induced Damage in the Brain. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5431.	4.1	7
39	Role of procalcitonin in bacteremic patients and its potential use in predicting infection etiology. <i>Expert Review of Anti-Infective Therapy</i> , 2019, 17, 99-105.	4.4	30
40	A fast, nondestructive, low-cost method for the determination of hematocrit of dried blood spots using image analysis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, e81-e82.	2.3	11
41	Changes in cardiac and muscle biomarkers following an uphill-only marathon. <i>Research in Sports Medicine</i> , 2018, 26, 100-111.	1.3	18
42	VDR independent induction of acid-sphingomyelinase by 1,23(OH) ₂ D ₃ in gastric cancer cells: Impact on apoptosis and cell morphology. <i>Biochimie</i> , 2018, 146, 35-42.	2.6	10
43	Nuclear Lipid Microdomains Regulate Daunorubicin Resistance in Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3424.	4.1	8
44	Comparison between procalcitonin and C-reactive protein to predict blood culture results in ICU patients. <i>Critical Care</i> , 2018, 22, 252.	5.8	16
45	Pro inflammatory stimuli enhance the immunosuppressive functions of adipose mesenchymal stem cells-derived exosomes. <i>Scientific Reports</i> , 2018, 8, 13325.	3.3	173
46	Effect of Vitamin D in HN9.10e Embryonic Hippocampal Cells and in Hippocampus from MPTP-Induced Parkinson's Disease Mouse Model. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 31.	3.7	16
47	Exploring the Possible Prognostic Role of B-Lymphocyte Stimulator (BLyS) in a Large Series of Patients with Neuroendocrine Tumors. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018, 18, 618-625.	1.2	3
48	Combined Oral Contraceptives Increase High-Sensitivity C-Reactive Protein but Not Haptoglobin in Female Athletes. <i>Sports Medicine</i> , 2017, 47, 175-185.	6.5	30
49	Serum Interleukin-10 Levels Correlate with Cerebrospinal Fluid Amyloid Beta Deposition in Alzheimer Disease Patients. <i>Neurodegenerative Diseases</i> , 2017, 17, 227-234.	1.4	42
50	Exploring the plasmatic platelet-activating factor acetylhydrolase activity in patients with anti-phospholipid antibodies. <i>Autoimmunity Highlights</i> , 2017, 8, 5.	3.9	6
51	Radiation and Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 911.	4.1	71
52	Impact of Gravity on Thyroid Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 972.	4.1	24
53	Characterization of the Proinflammatory Profile of Synovial Fluid-Derived Exosomes of Patients with Osteoarthritis. <i>Mediators of Inflammation</i> , 2017, 2017, 1-11.	3.0	90
54	Mouse Thyroid Gland Changes in Aging: Implication of Galectin-3 and Sphingomyelinase. <i>Mediators of Inflammation</i> , 2017, 2017, 1-5.	3.0	1

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55	Neutral Sphingomyelinase Behaviour in Hippocampus Neuroinflammation of MPTP-Induced Mouse Model of Parkinson's Disease and in Embryonic Hippocampal Cells. <i>Mediators of Inflammation</i> , 2017, 2017, 1-8.	3.0	19
56	Hypovitaminosis D3, Leukopenia, and Human Serotonin Transporter Polymorphism in Anorexia Nervosa and Bulimia Nervosa. <i>Mediators of Inflammation</i> , 2016, 2016, 1-6.	3.0	17
57	e-Cadherin in 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine-Induced Parkinson Disease. <i>Mediators of Inflammation</i> , 2016, 2016, 1-7.	3.0	12
58	Why high cholesterol levels help hematological malignancies: role of nuclear lipid microdomains. <i>Lipids in Health and Disease</i> , 2016, 15, 4.	3.0	25
59	Evaluating the SERCA2 and VEGF mRNAs as Potential Molecular Biomarkers of the Onset and Progression in Huntington's Disease. <i>PLoS ONE</i> , 2015, 10, e0125259.	2.5	18
60	Treatment with belimumab restores B cell subsets and their expression of B cell activating factor receptor in patients with primary Sjogren's syndrome. <i>Rheumatology</i> , 2015, 54, 1429-1434.	1.9	49
61	Very-long-chain fatty acid sphingomyelin in nuclear lipid microdomains of hepatocytes and hepatoma cells: can the exchange from C24:0 to C16:0 affect signal proteins and vitamin D receptor?. <i>Molecular Biology of the Cell</i> , 2015, 26, 2418-2425.	2.1	32
62	Gentamicin Arrests Cancer Cell Growth: The Intriguing Involvement of Nuclear Sphingomyelin Metabolism. <i>International Journal of Molecular Sciences</i> , 2015, 16, 2307-2319.	4.1	21
63	Second trimester maternal plasma and amniotic fluid adipokines in women who will develop gestational diabetes mellitus. <i>Gynecological Endocrinology</i> , 2015, 31, 934-938.	1.7	6
64	Anti-zinc transporter protein 8 autoantibodies significantly improve the diagnostic approach to type 1 diabetes: an Italian multicentre study on paediatric patients. <i>Autoimmunity Highlights</i> , 2015, 6, 17-22.	3.9	30
65	The Detection of Anti-adalimumab Antibodies in a Series of Inflammatory Polyarthritis: three ELISA Methods Compared. <i>Drug Metabolism Letters</i> , 2015, 9, 132-137.	0.8	1
66	A Firmer Understanding of the Effect of Hypergravity on Thyroid Tissue: Cholesterol and Thyrotropin Receptor. <i>PLoS ONE</i> , 2014, 9, e98250.	2.5	12
67	How Microgravity Changes Galectin-3 in Thyroid Follicles. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	8
68	Critical Role for the Protons in FRTL-5 Thyroid Cells: Nuclear Sphingomyelinase Induced-Damage. <i>International Journal of Molecular Sciences</i> , 2014, 15, 11555-11565.	4.1	5
69	Nuclear Lipid Microdomain as Resting Place of Dexamethasone to Impair Cell Proliferation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19832-19846.	4.1	12
70	The introduction of anti-phosphatidylserine/prothrombin autoantibodies in the laboratory diagnostic process of anti-phospholipid antibody syndrome: 6 months of observation. <i>Autoimmunity Highlights</i> , 2014, 5, 63-67.	3.9	25
71	Hypergravity delocalizes thyrotropin receptor (650.3). <i>FASEB Journal</i> , 2014, 28, 650.3.	0.5	1
72	Effects of Ultraviolet Radiation on FRTL-5 Cell Growth and Thyroid-Specific Gene Expression. <i>Astrobiology</i> , 2013, 13, 536-542.	3.0	4

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73	Ischemia-modified albumin in pregnancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 170, 348-351.	1.1	26
74	Minimal perfusion flow for osteogenic growth of mesenchymal stem cells on lattice scaffolds. <i>AICHE Journal</i> , 2013, 59, 3131-3144.	3.6	10
75	Retinol binding protein as early marker of fetal growth restriction in first trimester maternal serum. <i>Gynecological Endocrinology</i> , 2013, 29, 323-326.	1.7	16
76	Nuclear Lipid Microdomain as Place of Interaction between Sphingomyelin and DNA during Liver Regeneration. <i>International Journal of Molecular Sciences</i> , 2013, 14, 6529-6541.	4.1	34
77	Serine 111 Phosphorylation Regulates OCT4A Protein Subcellular Distribution and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 38279-38288.	3.4	36
78	Acellular Bone Colonization and Aggregate Culture Conditions Diversely Influence Murine Periosteum Mesenchymal Stem Cell Differentiation Potential in Long-Term In Vitro Osteoinductive Conditions. <i>Tissue Engineering - Part A</i> , 2012, 18, 1509-1519.	3.1	4
79	The Impact of Long-Term Exposure to Space Environment on Adult Mammalian Organisms: A Study on Mouse Thyroid and Testis. <i>PLoS ONE</i> , 2012, 7, e35418.	2.5	30
80	Dental Pulp Stem Cells Differentiation Reveals New Insights in Oct4A Dynamics. <i>PLoS ONE</i> , 2012, 7, e41774.	2.5	52
81	Loss of Parafollicular Cells during Gravitational Changes (Microgravity, Hypergravity) and the Secret Effect of Pleiotrophin. <i>PLoS ONE</i> , 2012, 7, e48518.	2.5	18
82	Isolation and Characterization of Human Dental Pulp Derived Stem Cells by Using Media Containing Low Human Serum Percentage as Clinical Grade Substitutes for Bovine Serum. <i>PLoS ONE</i> , 2012, 7, e48945.	2.5	56
83	The CC homozygosis of the $\text{rs}174$ IL-6 polymorphism predicts a lower efficacy of rituximab therapy in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2012, 11, 315-320.	5.8	43
84	B-lymphocyte Stimulator in neuroendocrine tumors: correlation with disease behaviour. <i>FASEB Journal</i> , 2012, 26, 397.8.	0.5	0
85	Adipose Tissue-Derived Stem Cell in Vitro Differentiation in a Three-Dimensional Dental Bud Structure. <i>American Journal of Pathology</i> , 2011, 178, 2299-2310.	3.8	36
86	The Role of B-Lymphocyte Stimulator in Neuroendocrine Tumors: Correlation with Tumor Differentiation, Disease status and the Presence of Metastases. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2011, 11, 306-314.	0.5	2
87	Serum levels of anti-CCP antibodies, anti-MCV antibodies and RF IgA in the follow-up of patients with rheumatoid arthritis treated with rituximab. <i>Autoimmunity Highlights</i> , 2010, 1, 87-94.	3.9	27
88	Biochemical and Biophysical Analyses of Tissue-Engineered Bone Obtained from Three-Dimensional Culture of a Subset of Bone Marrow Mesenchymal Stem Cells. <i>Tissue Engineering - Part A</i> , 2010, 16, 3657-3667.	3.1	15
89	Influence of Iodide Excess and Interferon- β on Human Primary Thyroid Cell Proliferation, Thyroglobulin Secretion, and Intracellular Adhesion Molecule-1 and Human Leukocyte Antigen-DR Expression. <i>Thyroid</i> , 2009, 19, 283-291.	4.5	13
90	Effects of the Aurora kinase inhibitor VX-680 on anaplastic thyroid cancer-derived cell lines. <i>Endocrine-Related Cancer</i> , 2008, 15, 559-568.	3.1	57

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91	Resistance to Rituximab Therapy and Local BAFF Overexpression in Sjogren's Syndrome-Related Myoepithelial Sialadenitis and Low-Grade Parotid B-Cell Lymphoma. <i>Open Rheumatology Journal</i> , 2008, 2, 38-43.	0.2	60
92	Disruptive mitochondrial DNA mutations in complex I subunits are markers of oncocytic phenotype in thyroid tumors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 9001-9006.	7.1	256
93	Elevated B cell-activating factor of the tumour necrosis factor family in coeliac disease. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 1434-1439.	1.5	25
94	Transforming acidic coiled-coil 3 and Aurora-A interact in human thyrocytes and their expression is deregulated in thyroid cancer tissues. <i>Endocrine-Related Cancer</i> , 2007, 14, 827-837.	3.1	46
95	Fresh New Air in Space? "MoMa"™ on the A.S.I. Launch Pad. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 36, 577-585.	1.9	3
96	Simulated weightlessness changes the cytoskeleton and extracellular matrix proteins in papillary thyroid carcinoma cells. <i>Cell and Tissue Research</i> , 2006, 324, 267-277.	2.9	87
97	Expression of Aurora kinases in human thyroid carcinoma cell lines and tissues. <i>International Journal of Cancer</i> , 2006, 119, 275-282.	5.1	94
98	HPSE-1 expression and functionality in differentiating neural cells. <i>Journal of Neuroscience Research</i> , 2006, 83, 694-701.	2.9	11
99	Alcohol-Induced Endothelial Changes Are Associated With Oxidative Stress and Are Rapidly Reversed After Withdrawal. <i>Alcoholism: Clinical and Experimental Research</i> , 2005, 29, 1889-1898.	2.4	41
100	Autocrine stimulation by osteopontin plays a pivotal role in the expression of the mitogenic and invasive phenotype of RET/PTC-transformed thyroid cells. <i>Oncogene</i> , 2004, 23, 2188-2196.	5.9	43
101	New in vitro model to study high glucose-dependent endothelial dysfunctions. <i>Biochimie</i> , 2003, 85, 701-705.	2.6	5
102	Thyrotropin Stimulates Production of Procoagulant and Vasodilatative Factors in Human Aortic Endothelial Cells. <i>Thyroid</i> , 2003, 13, 517-521.	4.5	57
103	Thyrotropin Effects on Ultraviolet Radiation-Dependent Apoptosis in FRTL-5 Cells. <i>Thyroid</i> , 2003, 13, 747-753.	4.5	9
104	Weightlessness Induced Apoptosis in Normal Thyroid Cells and Papillary Thyroid Carcinoma Cells via Extrinsic and Intrinsic Pathways. <i>Endocrinology</i> , 2003, 144, 4172-4179.	2.8	76
105	Natriuretic peptides increase cAMP production in human thyrocytes via the natriuretic peptide clearance receptor (NPR-C). <i>Regulatory Peptides</i> , 2001, 97, 103-109.	1.9	16
106	Transcriptional regulation of the MHC II gene DRA in untransformed human thyrocytes. <i>International Immunology</i> , 2000, 12, 405-413.	4.0	5
107	A new model of human aortic endothelial cells in vitro. <i>Biochimie</i> , 2000, 82, 1107-1114.	2.6	28
108	In vitro cultured cells as probes for space radiation effects on biological systems. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 430, 229-234.	1.0	3

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109	Response to thyrotropin of normal thyroid follicular cell strain FRTL5 in hypergravity. <i>Biochimie</i> , 1999, 81, 281-285.	2.6	12
110	Response to hypogravity of normal in vitro cultured follicular cells from thyroid. <i>Acta Astronautica</i> , 1998, 42, 465-472.	3.2	10
111	Expression of Differentiation Markers in Cultured Cells from Various Thyroid Diseases. <i>Thyroid</i> , 1997, 7, 817-821.	4.5	13
112	Expression of the neoplastic phenotype by human thyroid carcinoma cell lines requires NF κ B p65 protein expression. <i>Oncogene</i> , 1997, 15, 1987-1994.	5.9	165
113	Glucose May Induce Cell Death through a Free Radical-Mediated Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 1996, 219, 412-417.	2.1	59
114	Decreased cultured endothelial cell proliferation in high glucose medium is reversed by antioxidants: New insights on the pathophysiological mechanisms of diabetic vascular complications. <i>In Vitro Cellular & Developmental Biology</i> , 1992, 28, 787-790.	1.0	104
115	Subclones of a rat parathyroid cell line (PT-r): Regulation of growth and production of parathyroid hormone-related peptide (PTHrP). <i>Journal of Bone and Mineral Research</i> , 1990, 5, 863-869.	2.8	13
116	Increased Alpha-2-Macroglobulin in Opiate Addicts: Further Evidence of an Alteration in the Coagulation System due to Opiate Addiction. <i>Acta Haematologica</i> , 1985, 73, 117-117.	1.4	3