

Francesco Curcio

List of Publications by Year in descending order

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116
papers

3,239
citations

172457

29
h-index

182427

51
g-index

117
all docs

117
docs citations

117
times ranked

4932
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Pro inflammatory stimuli enhance the immunosuppressive functions of adipose mesenchymal stem cells-derived exosomes. <i>Scientific Reports</i> , 2018, 8, 13325.	3.3	173
4	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
5	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
6	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
7	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
8	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
9	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
10	Radiation and Thyroid Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 911.	4.1	71
11	Acute disseminated encephalomyelitis after SARS-CoV-2 vaccination. <i>Clinical Neurology and Neurosurgery</i> , 2021, 208, 106839.	1.4	70
12	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
13	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
14	Thyrotropin Stimulates Production of Procoagulant and Vasodilatative Factors in Human Aortic Endothelial Cells. <i>Thyroid</i> , 2003, 13, 517-521.	4.5	57
15	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
16	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
17	Dental Pulp Stem Cells Differentiation Reveals New Insights in Oct4A Dynamics. <i>PLoS ONE</i> , 2012, 7, e41774.	2.5	52
18	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

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19	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
20	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
21	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
22	The CC homozygosis of the γ 174G>C IL-6 polymorphism predicts a lower efficacy of rituximab therapy in rheumatoid arthritis. <i>Autoimmunity Reviews</i> , 2012, 11, 315-320.	5.8	43
23	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
24	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
25	Lactate Dehydrogenase (LDH) Response to First-Line Treatment Predicts Survival in Metastatic Breast Cancer: First Clues for A Cost-Effective and Dynamic Biomarker. <i>Cancers</i> , 2019, 11, 1243.	3.7	40
26	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
27	Serine 111 Phosphorylation Regulates OCT4A Protein Subcellular Distribution and Degradation. <i>Journal of Biological Chemistry</i> , 2012, 287, 38279-38288.	3.4	36
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	A new model of human aortic endothelial cells in vitro. <i>Biochimie</i> , 2000, 82, 1107-1114.	2.6	28
36	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

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37	Ischemia-modified albumin in pregnancy. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2013, 170, 348-351.	1.1	26
38	A Streamlined Approach to Rapidly Detect SARS-CoV-2 Infection Avoiding RNA Extraction: Workflow Validation. <i>Disease Markers</i> , 2020, 2020, 1-5.	1.3	26
39	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
40	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
41	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
42	Impact of Gravity on Thyroid Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 972.	4.1	24
43	Toll-like Receptor-4 Activation Boosts the Immunosuppressive Properties of Tumor Cells-derived Exosomes. <i>Scientific Reports</i> , 2019, 9, 8457.	3.3	23
44	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
45	Role of procalcitonin in predicting etiology in bacteremic patients: Report from a large single-center experience. <i>Journal of Infection and Public Health</i> , 2020, 13, 40-45.	4.1	21
46	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
47	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
48	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
49	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
50	Changes in cardiac and muscle biomarkers following an uphill-only marathon. <i>Research in Sports Medicine</i> , 2018, 26, 100-111.	1.3	18
51	Biologically driven cut-off definition of lymphocyte ratios in metastatic breast cancer and association with exosomal subpopulations and prognosis. <i>Scientific Reports</i> , 2020, 10, 7010.	3.3	18
52	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
53	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
54	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

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55	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
56	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
57	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
58	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
59	Acid and Neutral Sphingomyelinase Behavior in Radiation-Induced Liver Pyroptosis and in the Protective/Preventive Role of rMnSOD. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3281.	4.1	14
60	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
61	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
62	Expression of Differentiation Markers in Cultured Cells from Various Thyroid Diseases. <i>Thyroid</i> , 1997, 7, 817-821.	4.5	13
63	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
64	Influence of Iodide Excess and Interferon- γ 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
65	Response to thyrotropin of normal thyroid follicular cell strain FRTL5 in hypergravity. <i>Biochimie</i> , 1999, 81, 281-285.	2.6	12
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	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
68	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
69	HPSE-1 expression and functionality in differentiating neural cells. <i>Journal of Neuroscience Research</i> , 2006, 83, 694-701.	2.9	11
70	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
71	Effect of $1\alpha,25(\text{OH})_2$ Vitamin D3 in Mutant P53 Glioblastoma Cells: Involvement of Neutral Sphingomyelinase1. <i>Cancers</i> , 2020, 12, 3163.	3.7	11
72	Spaceflight Induced Disorders: Potential Nutritional Countermeasures. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 666683.	4.1	11

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73	Response to hypogravity of normal in vitro cultured follicular cells from thyroid. <i>Acta Astronautica</i> , 1998, 42, 465-472.	3.2	10
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	VDR independent induction of acid-sphingomyelinase by 1,23(OH) ₂ D3 in gastric cancer cells: Impact on apoptosis and cell morphology. <i>Biochimie</i> , 2018, 146, 35-42.	2.6	10
76	Immune Responses against SARS-CoV-2 "Questions and Experiences. <i>Biomedicines</i> , 2021, 9, 1342.	3.2	10
77	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
78	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
79	Thyrotropin Effects on Ultraviolet Radiation-Dependent Apoptosis in FRTL-5 Cells. <i>Thyroid</i> , 2003, 13, 747-753.	4.5	9
80	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
81	How Microgravity Changes Galectin-3 in Thyroid Follicles. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	8
82	Nuclear Lipid Microdomains Regulate Daunorubicin Resistance in Hepatoma Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3424.	4.1	8
83	Circulating exosomes express $\alpha 4 \beta 7$ integrin and compete with CD4+ T cells for the binding to Vedolizumab. <i>PLoS ONE</i> , 2020, 15, e0242342.	2.5	8
84	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
85	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
86	Relationship between Fatty Acids Composition/Antioxidant Potential of Breast Milk and Maternal Diet: Comparison with Infant Formulas. <i>Molecules</i> , 2020, 25, 2910.	3.8	7
87	Vitamin D3 Enriches Ceramide Content in Exosomes Released by Embryonic Hippocampal Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9287.	4.1	7
88	CORonavirus-19 mild to moderate pneumonia Management with blood Ozonization in patients with Respiratory failure (CORMOR) multicentric prospective randomized clinical trial. <i>International Immunopharmacology</i> , 2021, 98, 107874.	3.8	7
89	Pericardial Cytokine "Storm" in a COVID-19 Patient: the Confirmation of a Hypothesis. <i>Inflammation</i> , 2022, 45, 1-5.	3.8	7
90	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

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91	Exploring the plasmatic platelet-activating factor acetylhydrolase activity in patients with anti-phospholipid antibodies. <i>Autoimmunity Highlights</i> , 2017, 8, 5.	3.9	6
92	Transcriptional regulation of the MHC II gene DRA in untransformed human thyrocytes. <i>International Immunology</i> , 2000, 12, 405-413.	4.0	5
93	New in vitro model to study high glucose-dependent endothelial dysfunctions. <i>Biochimie</i> , 2003, 85, 701-705.	2.6	5
94	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
95	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
96	Effects of Ultraviolet Radiation on FRTL-5 Cell Growth and Thyroid-Specific Gene Expression. <i>Astrobiology</i> , 2013, 13, 536-542.	3.0	4
97	Loss of Detection of sgN Precedes Viral Abridged Replication in COVID-19-Affected Patientsâ€™ A Target for SARS-CoV-2 Propagation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1941.	4.1	4
98	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
99	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
100	Fresh New Air in Space? â€™MoMaâ€™™ on the A.S.I. Launch Pad. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 36, 577-585.	1.9	3
101	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
102	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
103	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
104	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
105	Mouse Thyroid Gland Changes in Aging: Implication of Galectin-3 and Sphingomyelinase. <i>Mediators of Inflammation</i> , 2017, 2017, 1-5.	3.0	1
106	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
107	Hypergravity delocalizes thyrotropin receptor (650.3). <i>FASEB Journal</i> , 2014, 28, 650.3.	0.5	1
108	Biomonitoring of urinary metals in athletes according to particulate matter air pollution before and after exercise. <i>Environmental Science and Pollution Research</i> , 2021, , 1.	5.3	1

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109	Comment on: "SARS CoV-2 vaccine AND rituximab, timing is probably a key for a better vaccine response" by Verhoeven et al. Joint Bone Spine 2021;88:105258. Joint Bone Spine, 2022, , 105408.	1.6	1
110	B-lymphocyte Stimulator in neuroendocrine tumors: correlation with disease behaviour. FASEB Journal, 2012, 26, 397.8.	0.5	0
111	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
112	Title is missing!. , 2020, 15, e0242342.		0
113	Title is missing!. , 2020, 15, e0242342.		0
114	Title is missing!. , 2020, 15, e0242342.		0
115	Title is missing!. , 2020, 15, e0242342.		0
116	Molecular Tumor Board: A bottom-up approach as method for change.. Journal of Clinical Oncology, 2022, 40, e13537-e13537.	1.6	0