

# Francesco Facchiano

## List of Publications by Year in descending order

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91  
papers

5,607  
citations

117625

34  
h-index

82547

72  
g-index

91  
all docs

91  
docs citations

91  
times ranked

8762  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonrespiratory Complications and Obesity in Patients Dying with COVID-19 in Italy. <i>Obesity</i> , 2021, 29, 20-23.	3.0	19
2	Melanoma Cell Resistance to Vemurafenib Modifies Inter-Cellular Communication Signals. <i>Biomedicines</i> , 2021, 9, 79.	3.2	10
3	Circulating Vitamin D levels status and clinical prognostic indices in COVID-19 patients. <i>Respiratory Research</i> , 2021, 22, 76.	3.6	30
4	Abstract 025: Mediterranean Diet Trajectories And Changes In Cardiovascular Risk Factors And Inflammation Markers Over A 12.7 Years Follow-up: Prospective Findings From The Moli-sani Study Cohort. <i>Circulation</i> , 2021, 143, .	1.6	3
5	Targeting Melanoma-Initiating Cells by Caffeine: In Silico and In Vitro Approaches. <i>Molecules</i> , 2021, 26, 3619.	3.8	6
6	Comorbidity status of deceased COVID-19 in-patients in Italy. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 2361-2365.	2.9	11
7	Changes in Cerebrospinal Fluid Balance of TNF and TNF Receptors in Na <sup>+</sup> ve Multiple Sclerosis Patients: Early Involvement in Compartmentalised Intrathecal Inflammation. <i>Cells</i> , 2021, 10, 1712.	4.1	13
8	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td (edition	9.1	1,430
9	Melanogenesis and autophagy in melanoma. <i>Melanoma Research</i> , 2020, 30, 530-531.	1.2	6
10	An investigation into the molecular basis of cancer comorbidities in coronavirus infection. <i>FEBS Open Bio</i> , 2020, 10, 2363-2374.	2.3	10
11	Nicotinamide inhibits melanoma in vitro and in vivo. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 211.	8.6	30
12	Sex differences in clinical phenotype and transitions of care among individuals dying of COVID-19 in Italy. <i>Biology of Sex Differences</i> , 2020, 11, 57.	4.1	25
13	Shotgun proteomics coupled to nanoparticle-based biomarker enrichment reveals a novel panel of extracellular matrix proteins as candidate serum protein biomarkers for early-stage breast cancer detection. <i>Breast Cancer Research</i> , 2020, 22, 135.	5.0	14
14	Investigating Serum and Tissue Expression Identified a Cytokine/Chemokine Signature as a Highly Effective Melanoma Marker. <i>Cancers</i> , 2020, 12, 3680.	3.7	12
15	Reply to Jakovac: About COVID-19 and vitamin D. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E838-E838.	3.5	10
16	Clinical Characteristics of Hospitalized Individuals Dying With COVID-19 by Age Group in Italy. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1796-1800.	3.6	138
17	Interleukin (IL)-17/IL-36 axis participates to the crosstalk between endothelial cells and keratinocytes during inflammatory skin responses. <i>PLoS ONE</i> , 2020, 15, e0222969.	2.5	40
18	COVID-19 mortality among migrants living in Italy. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2020, 56, 373-377.	0.4	10

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19	Iron homeostasis, complement, and coagulation cascade as CSF signature of cortical lesions in early multiple sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2150-2163.	3.7	51
20	Natural Compounds against Cancer, Inflammation, and Oxidative Stress. <i>BioMed Research International</i> , 2019, 2019, 1-2.	1.9	11
21	Theophylline induces differentiation and modulates cytoskeleton dynamics and cytokines secretion in human melanoma-initiating cells. <i>Life Sciences</i> , 2019, 230, 121-131.	4.3	14
22	Beneficial Role of Phytochemicals on Oxidative Stress and Age-Related Diseases. <i>BioMed Research International</i> , 2019, 2019, 1-16.	1.9	282
23	Ion Channel Expression in Human Melanoma Samples: In Silico Identification and Experimental Validation of Molecular Targets. <i>Cancers</i> , 2019, 11, 446.	3.7	21
24	Monosodium Urate Contributes to Retinal Inflammation and Progression of Diabetic Retinopathy. <i>Diabetes</i> , 2019, 68, 1014-1025.	0.6	28
25	Chili Pepper Consumption and Mortality in Italian Adults. <i>Journal of the American College of Cardiology</i> , 2019, 74, 3139-3149.	2.8	57
26	Inflammatory intrathecal profiles and cortical damage in multiple sclerosis. <i>Annals of Neurology</i> , 2018, 83, 739-755.	5.3	219
27	Eosin treatment for psoriasis reduces skin leukocyte infiltration and secretion of inflammatory chemokines and angiogenic factors. <i>European Journal of Dermatology</i> , 2018, 28, 457-466.	0.6	8
28	TNF-alpha and metalloproteases as key players in melanoma cells aggressiveness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 326.	8.6	73
29	Selective Immunomodulation of Inflammatory Pathways in Keratinocytes by the Janus Kinase (JAK) Inhibitor Tofacitinib: Implications for the Employment of JAK-Targeting Drugs in Psoriasis. <i>Journal of Immunology Research</i> , 2018, 2018, 1-18.	2.2	32
30	WIPI1, BAG1, and PEX3 Autophagy-Related Genes Are Relevant Melanoma Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	50
31	Molecular mechanisms of cardioprotective effects mediated by transplanted cardiac ckit+ cells through the activation of an inflammatory hypoxia-dependent reparative response. <i>Oncotarget</i> , 2018, 9, 937-957.	1.8	9
32	The role of chemical elements in melanoma. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 73.	0.1	0
33	Increased cortical lesion load and intrathecal inflammation is associated with oligoclonal bands in multiple sclerosis patients: a combined CSF and MRI study. <i>Journal of Neuroinflammation</i> , 2017, 14, 40.	7.2	82
34	A quick, simple method for detecting circulating fluorescent advanced glycation end-products: Correlation with in vitro and in vivo non-enzymatic glycation. <i>Metabolism: Clinical and Experimental</i> , 2017, 71, 64-69.	3.4	25
35	Reduction by coffee consumption of prostate cancer risk: Evidence from the Molià€sani cohort and cellular models. <i>International Journal of Cancer</i> , 2017, 141, 72-82.	5.1	27
36	Transglutaminase type 2 affects cell migration through post-translational modification of platelet-derived growth factor-BB. <i>Amino Acids</i> , 2017, 49, 473-481.	2.7	7

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37	Study on the Association among Mycotoxins and other Variables in Children with Autism. <i>Toxins</i> , 2017, 9, 203.	3.4	36
38	Lipid Storage and Autophagy in Melanoma Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1271.	4.1	35
39	PDGFR-alpha inhibits melanoma growth via CXCL10/IP-10: a multi-omics approach. <i>Oncotarget</i> , 2016, 7, 77257-77275.	1.8	22
40	Antibodies to age- $\beta$ 2glycoprotein I in patients with anti-phospholipid antibody syndrome. <i>Clinical and Experimental Immunology</i> , 2016, 184, 174-182.	2.6	10
41	Environment, dysbiosis, immunity and sex-specific susceptibility: A translational hypothesis for regressive autism pathogenesis. <i>Nutritional Neuroscience</i> , 2015, 18, 145-161.	3.1	57
42	Aloe-emodin exerts a potent anticancer and immunomodulatory activity on BRAF-mutated human melanoma cells. <i>European Journal of Pharmacology</i> , 2015, 762, 283-292.	3.5	43
43	Identification of Serum Regression Signs in Infantile Hemangioma. <i>PLoS ONE</i> , 2014, 9, e88545.	2.5	9
44	Resveratrol Counteracts Inflammation in Human M1 and M2 Macrophages upon Challenge with 7-Oxo-Cholesterol: Potential Therapeutic Implications in Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-12.	4.0	72
45	Transglutaminases: future perspectives. <i>Amino Acids</i> , 2013, 44, 1-9.	2.7	17
46	Aloin enhances cisplatin antineoplastic activity in B16-F10 melanoma cells by transglutaminase-induced differentiation. <i>Amino Acids</i> , 2013, 44, 293-300.	2.7	37
47	Analysis of urinary human growth hormone (hGH) using hydrogel nanoparticles and isoform differential immunoassays after short recombinant hGH treatment: Preliminary results. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 85, 194-197.	2.8	14
48	7-Oxo-cholesterol potentiates pro-inflammatory signaling in human M1 and M2 macrophages. <i>Biochemical Pharmacology</i> , 2013, 86, 130-137.	4.4	43
49	Tissue transglutaminase activity protects from cutaneous melanoma metastatic dissemination: an in vivo study. <i>Amino Acids</i> , 2013, 44, 53-61.	2.7	16
50	<scp>BAMM</scp>: a preliminary Bibliometric Analysis on Melanoma Manuscripts. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 415-417.	3.3	9
51	Differential Denaturation of Serum Proteome Reveals a Significant Amount of Hidden Information in Complex Mixtures of Proteins. <i>PLoS ONE</i> , 2013, 8, e57104.	2.5	16
52	Resveratrol Prevents Dendritic Cell Maturation in Response to Advanced Glycation End Products. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-12.	4.0	31
53	High mobility group box 1 is a novel substrate of dipeptidyl peptidase-IV. <i>Diabetologia</i> , 2012, 55, 236-244.	6.3	51
54	Aloe-emodin as antiproliferative and differentiating agent on human U937 monoclonal leukemia cells. <i>Life Sciences</i> , 2011, 89, 812-820.	4.3	36

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55	Advanced glycation end products of human $\beta_2$ glycoprotein I modulate the maturation and function of DCs. <i>Blood</i> , 2011, 117, 6152-6161.	1.4	50
56	Transglutaminase participates in the blockade of neurotransmitter release by tetanus toxin: evidence for a novel biological function. <i>Amino Acids</i> , 2010, 39, 257-269.	2.7	13
57	Mass spectrometry-based characterization of the vitreous phosphoproteome. <i>Proteomics - Clinical Applications</i> , 2010, 4, 839-846.	1.6	5
58	Transglutaminases and their substrates in biology and human diseases: 50 years of growing. <i>Amino Acids</i> , 2009, 36, 599-614.	2.7	55
59	Platelet-Derived Growth Factor-Receptor $\beta$ Strongly Inhibits Melanoma Growth In Vitro and In Vivo. <i>Neoplasia</i> , 2009, 11, 732-737.	5.3	32
60	Serum Proteomic Analysis Identifies a Highly Sensitive and Specific Discriminatory Pattern in Stage 1 Breast Cancer. <i>Annals of Surgical Oncology</i> , 2007, 14, 2470-2476.	1.5	78
61	The role of transglutaminase-2 and its substrates in human diseases. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1758.	3.0	80
62	Glycated Fibroblast Growth Factor-2 Is Quickly Produced in Vitro upon Low-Millimolar Glucose Treatment and Detected in Vivo in Diabetic Mice. <i>Molecular Endocrinology</i> , 2006, 20, 2806-2818.	3.7	19
63	Homologous Transplantation of Neural Stem Cells to the Injured Spinal Cord of Mice. <i>Neurosurgery</i> , 2005, 57, 1014-1025.	1.1	63
64	Short-Term Sugar Exposure Significantly Modifies FGF-2 Structure and Angiogenic Functions: Pathophysiological Implications. <i>Annals of the New York Academy of Sciences</i> , 2005, 1043, 912-912.	3.8	0
65	MicroRNAs 221 and 222 inhibit normal erythropoiesis and erythroleukemic cell growth via kit receptor down-modulation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 18081-18086.	7.1	747
66	Transglutaminases and Their Substrates. <i>Journal of Biological Chemistry</i> , 2005, 280, 37-57.		10
67	A novel RGDS-analog inhibits angiogenesis in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2004, 321, 809-814.	2.1	20
68	Identification of a Novel Domain of Fibroblast Growth Factor 2 Controlling Its Angiogenic Properties. <i>Journal of Biological Chemistry</i> , 2003, 278, 8751-8760.	3.4	40
69	Active Sequences Collection (ASC) database: a new tool to assign functions to protein sequences. <i>Nucleic Acids Research</i> , 2003, 31, 379-382.	14.5	28
70	Promotion of regeneration of corticospinal tract axons in rats with recombinant vascular endothelial growth factor alone and combined with adenovirus coding for this factor. <i>Journal of Neurosurgery</i> , 2002, 97, 161-168.	1.6	135
71	Sugar-Induced Modification of Fibroblast Growth Factor 2 Reduces Its Angiogenic Activity in Vivo. <i>American Journal of Pathology</i> , 2002, 161, 531-541.	3.8	46
72	Transglutaminase Activity Is Involved in Polyamine-Induced Programmed Cell Death. <i>Experimental Cell Research</i> , 2001, 271, 118-129.	2.6	47

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73	Theophylline administration markedly reduces hepatic and pulmonary implantation of B16-F10 melanoma cells in mice. <i>Melanoma Research</i> , 2000, 10, 435-443.	1.2	21
74	Acidosis Inhibits Endothelial Cell Apoptosis and Function and Induces Basic Fibroblast Growth Factor and Vascular Endothelial Growth Factor Expression. <i>Circulation Research</i> , 2000, 86, 312-318.	4.5	142
75	CtBP/BARS induces fission of Golgi membranes by acylating lysophosphatidic acid. <i>Nature</i> , 1999, 402, 429-433.	27.8	314
76	Ectopic <i>TAL-1/SCL</i> Expression in Phenotypically Normal or Leukemic Myeloid Precursors: Proliferative and Antiapoptotic Effects Coupled with a Differentiation Blockade. <i>Molecular and Cellular Biology</i> , 1997, 17, 2954-2969.	2.3	41
77	Fas-induced changes in <i>cdc2</i> and <i>cdk2</i> kinase activity are not sufficient for triggering apoptosis in HUT-78 cells. <i>Journal of Cellular Biochemistry</i> , 1997, 64, 579-585.	2.6	15
78	Regulation of Constitutive Exocytic Transport by Membrane Receptors. <i>Journal of Biological Chemistry</i> , 1996, 271, 3523-3533.	3.4	64
79	Effect of Galactose on $\hat{\pm}$ -Crystallin. <i>Ophthalmic Research</i> , 1996, 28, 97-100.	1.9	3
80	Evidence That Transglutaminase and Synapsin I Are Involved in the Neuroparalytic Action of Tetanus Toxin. <i>Annals of the New York Academy of Sciences</i> , 1994, 710, 107-119.	3.8	6
81	Response from Facchiano, Innamorati and Luini. <i>Trends in Microbiology</i> , 1994, 2, 70-71.	7.7	0
82	Divergent evolution may link human immunodeficiency virus GP41 to human CD4. <i>Journal of Molecular Evolution</i> , 1993, 36, 448-457.	1.8	5
83	Tetanus toxin inhibits depolarization-induced [ <sup>3</sup> H]serotonin release from rat brain cortex synaptosomes. <i>Neuroscience Letters</i> , 1993, 151, 205-208.	2.1	8
84	The transglutaminase hypothesis for the action of tetanus toxin. <i>Trends in Biochemical Sciences</i> , 1993, 18, 327-329.	7.5	35
85	Effect of temperature on the propylamine transferase from <i>Sulfolobus solfataricus</i> , an extreme thermophilic archaeobacterium.. 1. Conformational behavior of the oligomeric enzyme in solution. <i>FEBS Journal</i> , 1992, 204, 473-482.	0.2	10
86	Effect of temperature on the propylamine transferase from <i>Sulfolobus solfataricus</i> , an extreme thermophilic archaeobacterium. 2. Denaturation and structural stability. <i>FEBS Journal</i> , 1992, 204, 483-490.	0.2	8
87	Converter: a program to convert crystallographic coordinates among different molecular graphics standards on PC-IBM platforms. <i>Bioinformatics</i> , 1991, 7, 395-396.	4.1	0
88	Flexibility plot of proteins. <i>Protein Engineering, Design and Selection</i> , 1989, 2, 497-504.	2.1	61
89	FAST (Flexible Analysis by Software Tool) and CHAMP (CHemico-physical AMinoacidic Parameter data) Tj ETQq1 1 0,784314 rgBT /Overl 4.1 2	4.1	2
90	New graphic representation of structural parameters of proteins. <i>Bioinformatics</i> , 1988, 4, 303-305.	4.1	1

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91	Homology between rabbit uteroglobin and the rat seminal vesicle sperm-binding protein: Prediction of structural features of glutamine substrates for transglutaminase. <i>The Protein Journal</i> , 1987, 6, 353.	1.1	36