

Antonio Facchiano

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

6,571
citations

29
h-index

81
g-index

107
ext. papers

8,022
ext. citations

6.3
avg, IF

4.59
L-index

#	Paper	IF	Citations
98	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
97	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). <i>Autophagy</i> , 2021 , 17, 1-382	10.2	440
96	Novel anti-inflammatory peptides from the region of highest similarity between uteroglobin and lipocortin I. <i>Nature</i> , 1988 , 335, 726-30	50.4	221
95	Beneficial Role of Phytochemicals on Oxidative Stress and Age-Related Diseases. <i>BioMed Research International</i> , 2019 , 2019, 8748253	3	150
94	Multifaceted Roles of GSK-3 in Cancer and Autophagy-Related Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 4629495	6.7	106
93	Skin lesion image segmentation using Delaunay Triangulation for melanoma detection. <i>Computerized Medical Imaging and Graphics</i> , 2016 , 52, 89-103	7.6	106
92	MicroRNA profiling reveals that miR-21, miR486 and miR-214 are upregulated and involved in cell survival in Sjögren syndrome. <i>Cell Death and Disease</i> , 2011 , 2, e151	9.8	102
91	HMGB1-stimulated human primary cardiac fibroblasts exert a paracrine action on human and murine cardiac stem cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 44, 683-93	5.8	89
90	Canakinumab in adults with steroid-refractory pyoderma gangrenosum. <i>British Journal of Dermatology</i> , 2015 , 173, 1216-23	4	60
89	Cancer Microenvironment and Endoplasmic Reticulum Stress Response. <i>Mediators of Inflammation</i> , 2015 , 2015, 417281	4.3	60
88	The role of transglutaminase-2 and its substrates in human diseases. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 1758-73	2.8	59
87	RGDS peptide induces caspase 8 and caspase 9 activation in human endothelial cells. <i>Blood</i> , 2004 , 103, 4180-7	2.2	59
86	Increase of plasma IL-9 and decrease of plasma IL-5, IL-7, and IFN- γ in patients with chronic heart failure. <i>Journal of Translational Medicine</i> , 2011 , 9, 28	8.5	51
85	Flexibility plot of proteins. <i>Protein Engineering, Design and Selection</i> , 1989 , 2, 497-504	1.9	50
84	Platelet-derived growth factor inhibits basic fibroblast growth factor angiogenic properties in vitro and in vivo through its alpha receptor. <i>Blood</i> , 2002 , 99, 2045-53	2.2	49
83	Inhibition of pancreatic phospholipase A2 activity by uteroglobin and antinflammin peptides: possible mechanism of action. <i>Life Sciences</i> , 1991 , 48, 453-64	6.8	44
82	Sugar-induced modification of fibroblast growth factor 2 reduces its angiogenic activity in vivo. <i>American Journal of Pathology</i> , 2002 , 161, 531-41	5.8	42

81	Mutant p53 gains new function in promoting inflammatory signals by repression of the secreted interleukin-1 receptor antagonist. <i>Oncogene</i> , 2015 , 34, 2493-504	9.2	39
80	Comprehensive analysis of PTEN status in Sezary syndrome. <i>Blood</i> , 2013 , 122, 3511-20	2.2	38
79	Heterodimerization of FGF-receptor 1 and PDGF-receptor-alpha: a novel mechanism underlying the inhibitory effect of PDGF-BB on FGF-2 in human cells. <i>Blood</i> , 2006 , 107, 1896-902	2.2	38
78	TNF-alpha and metalloproteases as key players in melanoma cells aggressiveness. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018 , 37, 326	12.8	38
77	Modification of Job $\bar{\text{T}}$ method for determining the stoichiometry of protein-protein complexes. <i>Analytical Biochemistry</i> , 2003 , 313, 170-2	3.1	32
76	Ion channels expression and function are strongly modified in solid tumors and vascular malformations. <i>Journal of Translational Medicine</i> , 2016 , 14, 285	8.5	31
75	Autophagy in prostate cancer and androgen suppression therapy. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 12090-106	6.3	31
74	The murine Tcl1 oncogene: embryonic and lymphoid cell expression. <i>Oncogene</i> , 1997 , 15, 919-26	9.2	31
73	Identification of a novel domain of fibroblast growth factor 2 controlling its angiogenic properties. <i>Journal of Biological Chemistry</i> , 2003 , 278, 8751-60	5.4	31
72	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		30
71	Platelet-derived growth factor-receptor alpha strongly inhibits melanoma growth in vitro and in vivo. <i>Neoplasia</i> , 2009 , 11, 732-42	6.4	29
70	Lipid Storage and Autophagy in Melanoma Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	28
69	An Endogenous Electron Spin Resonance (ESR) signal discriminates nevi from melanomas in human specimens: a step forward in its diagnostic application. <i>PLoS ONE</i> , 2012 , 7, e48849	3.7	28
68	WIPI1, BAG1, and PEX3 Autophagy-Related Genes Are Relevant Melanoma Markers. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 1471682	6.7	28
67	The amino acid sequence of a protein from wheat kernel closely related to proteins involved in the mechanisms of plant defence. <i>The Protein Journal</i> , 1993 , 12, 379-86		27
66	Intracellular targets of RGDS peptide in melanoma cells. <i>Molecular Cancer</i> , 2010 , 9, 84	42.1	26
65	Thyroid hormone binding to isolated human apolipoproteins A-II, C-I, C-II, and C-III: homology in thyroxine binding sites. <i>Thyroid</i> , 1994 , 4, 261-7	6.2	25
64	Platelet-derived growth factor-BB and basic fibroblast growth factor directly interact in vitro with high affinity. <i>Journal of Biological Chemistry</i> , 2002 , 277, 1284-91	5.4	24

63	Inhibition of phospholipase A2 by uteroglobin and antinflammin peptides. <i>Advances in Experimental Medicine and Biology</i> , 1990 , 279, 137-60	3.6	24
62	Autophagy modulators sensitize prostate epithelial cancer cell lines to TNF-alpha-dependent apoptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012 , 17, 1210-22	5.4	23
61	Active Sequences Collection (ASC) database: a new tool to assign functions to protein sequences. <i>Nucleic Acids Research</i> , 2003 , 31, 379-82	20.1	22
60	Amino acid composition and N-terminal sequence of purified cystine binding protein of <i>Escherichia coli</i> . <i>Life Sciences</i> , 1993 , 52, 1209-15	6.8	22
59	PDGFR-alpha inhibits melanoma growth via CXCL10/IP-10: a multi-omics approach. <i>Oncotarget</i> , 2016 , 7, 77257-77275	3.3	20
58	Comparative study of cytokine content in the plasma and wound exudate from children with severe burns. <i>Bulletin of Experimental Biology and Medicine</i> , 2009 , 148, 771-5	0.8	18
57	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, 2806-18		18
56	Inhibition of interleukin-1 release and activity by the rat seminal vesicle protein SV-IV. <i>Journal of Leukocyte Biology</i> , 1993 , 53, 214-22	6.5	17
55	Differential denaturation of serum proteome reveals a significant amount of hidden information in complex mixtures of proteins. <i>PLoS ONE</i> , 2013 , 8, e57104	3.7	15
54	A novel RGDS-analog inhibits angiogenesis in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 321, 809-14	3.4	15
53	Homologies of the thyroid sodium-iodide symporter with bacterial and viral proteins. <i>Journal of Endocrinological Investigation</i> , 1999 , 22, 535-40	5.2	15
52	Non-animal models in dermatological research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019 , 36, 177-202	4.3	15
51	Nailfold capillaroscopic parameters and skin telangiectasia patterns in patients with systemic sclerosis. <i>Microvascular Research</i> , 2017 , 111, 20-24	3.7	14
50	Ion Channel Expression in Human Melanoma Samples: In Silico Identification and Experimental Validation of Molecular Targets. <i>Cancers</i> , 2019 , 11,	6.6	14
49	The Role of Autophagy in Liver Epithelial Cells and Its Impact on Systemic Homeostasis. <i>Nutrients</i> , 2019 , 11,	6.7	13
48	Theophylline induces differentiation and modulates cytoskeleton dynamics and cytokines secretion in human melanoma-initiating cells. <i>Life Sciences</i> , 2019 , 230, 121-131	6.8	12
47	Tissue transglutaminase activity protects from cutaneous melanoma metastatic dissemination: an in vivo study. <i>Amino Acids</i> , 2013 , 44, 53-61	3.5	12
46	Cogan's syndrome as an autoimmune disease. <i>Lancet, The</i> , 2003 , 361, 530-1	4.0	12

45	The FGF-2-derived peptide FREG inhibits melanoma growth in vitro and in vivo. <i>Molecular Therapy</i> , 2011 , 19, 266-73	11.7	11
44	Oxidative Stress Induces HSP90 Upregulation on the Surface of Primary Human Endothelial Cells: Role of the Antioxidant 7,8-Dihydroxy-4-methylcoumarin in Preventing HSP90 Exposure to the Immune System. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 2373167	6.7	10
43	Nicotinamide inhibits melanoma in vitro and in vivo. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 211	12.8	10
42	Homology of calcitonin with the amyloid-related proteins. <i>Journal of Endocrinological Investigation</i> , 1994 , 17, 119-22	5.2	9
41	RAM, an RGDS analog, exerts potent anti-melanoma effects in vitro and in vivo. <i>PLoS ONE</i> , 2011 , 6, e25357	5.7	9
40	Identification of serum regression signs in infantile hemangioma. <i>PLoS ONE</i> , 2014 , 9, e88545	3.7	8
39	BAMM: a preliminary bibliometric analysis on melanoma manuscripts. <i>Pigment Cell and Melanoma Research</i> , 2013 , 26, 415-7	4.5	7
38	c-Flip KO fibroblasts display lipid accumulation associated with endoplasmic reticulum stress. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015 , 1851, 929-36	5	6
37	Reply to Jakovac: About COVID-19 and vitamin D. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E838	6	6
36	Association of dermoscopic profiles of telangiectases with nailfold videocapillaroscopic patterns in patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2013 , 40, 1630-2	4.1	6
35	Melanoma Detection Using Delaunay Triangulation 2015 ,		5
34	Divergent evolution may link human immunodeficiency virus GP41 to human CD4. <i>Journal of Molecular Evolution</i> , 1993 , 36, 448-57	3.1	5
33	An investigation into the molecular basis of cancer comorbidities in coronavirus infection. <i>FEBS Open Bio</i> , 2020 , 10, 2363-2374	2.7	5
32	Transglutaminase type 2 affects cell migration through post-translational modification of platelet-derived growth factor-BB. <i>Amino Acids</i> , 2017 , 49, 473-481	3.5	4
31	Balance of transforming growth factor-beta1 and platelet-derived growth factor-BB is associated with kidney allograft rejection. <i>Annals of Clinical Biochemistry</i> , 2008 , 45, 213-4	2.2	4
30	RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005 , 83, 25-32	5	4
29	Internal repeats of prion protein and A beta PP, and reciprocal similarity with the amyloid-related proteins. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 1999 , 6, 250-5	2.7	4
28	Expression of Genes Related to Lipid Handling and the Obesity Paradox in Melanoma: Database Analysis. <i>JMIR Cancer</i> , 2020 , 6, e16974	3.2	4

27	Melanoma Cell Resistance to Vemurafenib Modifies Inter-Cellular Communication Signals. <i>Biomedicines</i> , 2021 , 9,	4.8	4
26	Investigating Serum and Tissue Expression Identified a Cytokine/Chemokine Signature as a Highly Effective Melanoma Marker. <i>Cancers</i> , 2020 , 12,	6.6	3
25	Melanogenesis and autophagy in melanoma. <i>Melanoma Research</i> , 2020 , 30, 530-531	3.3	3
24	Deep Convolutional Pixel-wise Labeling for Skin Lesion Image Segmentation 2018 ,		2
23	Therapeutic implications of autophagy modulation in prostate cancer. <i>Journal of Endocrinological Investigation</i> , 2012 , 35, 945	5.2	2
22	Thrombin-mediated impairment of fibroblast growth factor-2 activity. <i>FEBS Journal</i> , 2009 , 276, 3277-89	5.7	2
21	The design of a specific ligand of HIV gp120 1997 , 3, 383-390		2
20	Protein structure prediction and biomolecular recognition: from protein sequence to peptidomimetic design with the human beta3 integrin. <i>SAR and QSAR in Environmental Research</i> , 2002 , 13, 473-86	3.5	2
19	Investigating hypothetical products from noncoding frames (HyPNoFs). <i>Journal of Molecular Evolution</i> , 1995 , 40, 570-7	3.1	2
18	Atrial natriuretic peptide and amyloidosis. <i>Journal of Internal Medicine</i> , 1995 , 237, 525-6	10.8	2
17	Targeting Melanoma-Initiating Cells by Caffeine: In Silico and In Vitro Approaches. <i>Molecules</i> , 2021 , 26,	4.8	2
16	Letter to the Editor: "Ion Channels in Brain Metastasis"-Ion Channels in Cancer Set up and Metastatic Progression. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	1
15	RGDS peptide inhibits activation of lymphocytes and adhesion of activated lymphocytes to human umbilical vein endothelial cells in vitro. <i>Immunology and Cell Biology</i> , 2005 , 83, 25-32	5	1
14	Rational design of biologically active peptides: inhibition of T cell activation through interference with CD4 function. <i>Transplant International</i> , 2000 , 13, S306-S310	3	1
13	FAST (Flexible Analysis by Software Tool) and CHAMP (CHemico-physical AMinoacidic Parameter data bank): a new tool to investigate protein structure. <i>Bioinformatics</i> , 1989 , 5, 299-303	7.2	1
12	Preliminary results of a counselling programme for fertility preservation in female cancer patients: The experience of the GEMME DORMIENTI network. <i>European Journal of Cancer Care</i> , 2020 , 29, e13174	2.4	1
11	The role of chemical elements in melanoma. <i>European Journal of Molecular and Clinical Medicine</i> , 2017 , 2, 73	0.7	
10	Role of Shared epitope and other citrullination-sites in rheumatoid arthritis and in melanoma. <i>Expert Opinion on Therapeutic Targets</i> , 2017 , 21, 993-994	6.4	

- 9 FRI0457 Nailfold Videocapillaroscopic Microvascular Abnormalities and Dermoscope Profiles of Telangiectases in Patients with Systemic Sclerosis. *Annals of the Rheumatic Diseases*, **2015**, 74, 593.1-593^{2.4}
- 8 AB1286 Dermoscopic images of telangiectasias and nailfold videocapillaroscopic patterns in systemic sclerosis patients. *Annals of the Rheumatic Diseases*, **2013**, 71, 711.6-711 2.4
- 7 Short-Term Sugar Exposure Significantly Modifies FGF-2 Structure and Angiogenic Functions: Pathophysiological Implications. *Annals of the New York Academy of Sciences*, **2005**, 1043, 912-912 6.5
- 6 Rational design of biologically active peptides: inhibition of T cell activation through interference with CD4 function. *Transplant Int* (2000) 13 [Suppl 1]: S306-S310. *Transplant International*, **2000**, 13, 456-³61
- 5 Coding in noncoding frames. *Trends in Genetics*, **1996**, 12, 168-9 8.5
- 4 Converter: a program to convert crystallographic coordinates among different molecular graphics standards on PC-IBM platforms. *Bioinformatics*, **1991**, 7, 395-6 7.2
- 3 A histidine binding protein of Escherichia coli: a component of cystine binding protein of Escherichia coli. *Amino Acids*, **1993**, 5, 39-50 3.5
- 2 New graphic representation of structural parameters of proteins. *Bioinformatics*, **1988**, 4, 303-5 7.2
- 1 Skin Lesion Area Segmentation Using Attention Squeeze U-Net for Embedded Devices.. *Journal of Digital Imaging*, **2022**, 1 5.3